



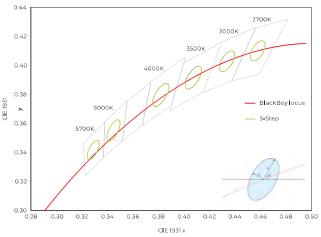
PAD Lighting Group Holdings Limited 7th Floor, Xiu Ping Commercial Building,104 Jervois Street, Sheung Wan,Hong Kong www.pad-lighting.com

T: +852 28772868 E: project@pad-lighting.com 2022 - 2023

BEAUTIFUL LIGHT

Color temperature Consistency

KC knows well the requirement for color temperature consistency for the quality lighting and also faces the phenomenon of inconsistency in terms of color temperature in market. It is a headache of designers and the consumers. For this purpose, KC applied the LED chips at high consistency (SDCMS3) from the quality chips manufacturers. All LED chips are sorted out, stored and processed in strict and scientific criterion to guarantee the led chips are consistent in the same batch.



3-step MacAdam ellipse color bins

In the study of color vision, MacAdam ellipses refer to the region on a chromaticity diagram which contains all colors which are indistinguishable to the average human eye, from the color at the center of the ellipse, The contour of the ellipse therefore represents the just noticeable differences of chromaticity.

Procedure

MacAdam set up an experiment in which a trained observer viewed two different colors, at a fixed luminance of about 48 cd/m². One of the colors (the "test" color) was fixed, but the other was adjustable by the observer, and the observer was asked to adjust that color until it matched the test color. This match was, of course, not perfect, since the human eye, like any other instrument, has limited accuracy, It was found by MacAdam, however, that all of the matches made by the observer fell into an ellipse on the CIE 1931 chromaticity diagram. The measurements were made at 25 points on the chromaticity diagram, and it was found that the size and orientation of the ellipses on the diagram varied widely depending on the test color. These 25 ellipses measured by MacAdam, for a particular observer are shown on the chromaticity diagram above.

Extension to three dimensions

A more general concept is that of "discrimination ellipsoids" in the entire three-dimensional color space, which would include the ability of an observer to discriminate between two different luminances of the same color. Such measurements were

carried out, among others, by Brown and MacAdam in 1949, Davidson in 1951, Brown in 1957, and by Wyszecki and Fielder in 1971. It was found that the discrimination ellipsoids yielded relatively unchanging discrimination ellipsoid in chromaticity space for luminances between 3 and 30 cd/m2.

Effects in color theory

MacAdam's results confirmed earlier suspicions that color difference could be measured using a metric in. Chromaticity space. A number of attempts have been made to define a color space which is not as distorted as the CIE XYZ space. The most notable of these are the CIELUV and CIELAB color spaces. Although both of these spaces are less distorted than the CIE XYZ space, they are not completely free of distortion. This means that the MacAdam ellipses become nearly (but not exactly) circular in these spaces.

BEAUTIFUL LIGHT

COB (chip-on-board) which generates the light evenly over the surface.



COB (chip-on-board) generates the light evenly over the surface like that of incandescent lamp without double image. The light generated from the fitting with COB makes the subject look natural and clean while fitting with single-LED-chip has double image.

natural light



Fitting with COB generates the lights even and soft, making the subject natural and clean and consequently creating strong stereascopic feel.

saw-toothed double light image



Fitting with single-LED-chip generates the lights from the scattered chips, making the subject blur and unclear in boundary with double image and consequently creating weak stereascopic feel.

Advanced optical technology

KC series are developed by adopting world top-class optics technology and processed in scientific and strict techniques to guarantee the optical quality of this series. Consequently, KC series had accurate light distribution and high light output and even and soft light while no dark dot, dark are and halo.



Even light with natural halo



Uneven light with dark dot and area



Unclean boundary with stray and virtual image





P1





P1



EM-30YD04540-01 P1



EM-30YD05550-01 P2



EM-31FTK4235-01 P5



EM-31FTK5045-01 P5



EM-31FTK6255-01 P5



EM-31FTK7565-01 P6



EM-31FTK8375-01

P6



EM-32MTK4035-01 P11



EM-32MTK5245-01

P11



EM-32MTK6355-01 P11



EM-32MTK8575-01 P12



EM-32MWK4033-01 P13



EM-32MWK5043-01



EM-32MWK6053-01



EM-32MWK8073-01

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P14



EM-33DTK4640-01 P19



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EM-33DTK5450-01



EM-33DTK6355-01 P19



EM-33DTK7570-01



P19





EM-33DW4036-01 P21



EM-33DWK5043-01 P21



EM-33DWK6050-01

P21





EM-33DWK7062-01



P21



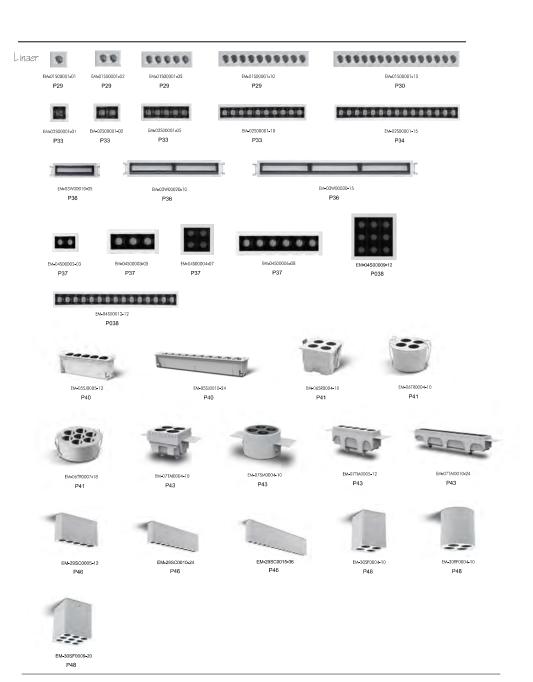
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EM-35ITK6050-01 P26



EM-35ITK8375-01 P26



Chellona



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Lightning



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EM-05LT0212-02

EM-05LT0220-02

P88



EM-05LG0210-02 EM-05LG0212-02 EM-05LG0220-02 P95-97



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Unicorn



EM-06UN1012-01 P101



EM-06UN1020-01 P102



EM-06UN1035-01 P104

ALTRACK .



EM-08AL0115-01 P107



EM-08AL0120-01 P107



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EM-08AL0135-01 P108

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EM-08AL0115-02 P109



EM-08AL0120-02 P109



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EM-31AL0115-15 P111



EM-31AL0120-20 P111



EM-3AZ0120-20 P111



EM-31AZ0130-30 P112



EM-26AC0115-20 P113



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M20



M20A P119

P127



M20B P121



M20C P123



M20D P125



EM-06ME0005-05



EM-06ME0205-05 P127



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M20



EM-06ME0018-05 P128



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EM-07ME0008-01 P131



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EM-09PR0112-01 P143



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EM-09PR0130-01 P143



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EM-09PR0150-01 P144



EM-10ED0112-03 P147



EM-10ED0115-03 P147



EM-10ED0125-03 P147



EM-10ED0130-03 P147



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Ascendant



EM-11AS0110-05 P150



EM-11AS0115-05 P150

MINI SOPT





P153



EM-20MA0035-12 P153







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P154





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EM-30SW000-01

P157





EM-19MA0060-11 P155

EM-30SJ0006-01

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EM-19MA0075-11 P155



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EM-19MA0120-11

P156

EM-19MA0090-11



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EM-30SJ0009-01 P158





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EM-12DPS0125-06 P171



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EM-12DPS0165-06 P172





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EM-18MA0090-10 P174



EM-18MA0125-10 P174



EM-18MA0140-10 P175





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EM-15U0160-08 P179



EM-15L**i**0200-08 P179

LIPPER











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5-09 EM

EM-16LI0130-09 P181

EM-16LI0145-09 P181

EM-16LI0170-09 P182

EM-16LI0205-09 P182

DIY



EM-21LS0075-13 P185



EM-21LS0075-14 P185



EM-21LS0075-15 P185

MILO



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EM-22MO0305-15 EM-22MO0320-16 P189-192



EM-22MO0405-15 P190



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EM-23MO0205-17 EM-23MO0210-17 P193-196



EM-23MO0305-17 EM-23MO0310-17 P193-196

Grid



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EM-25GD0212-18 P199



EM-25GD0312-18 P199



EM-25GT0012-18 P200



EM-25GT0212-18 P200



EM-25GT0312-18 P200



EM-25GD0020-19 P201



EM-25GD0220-19 P201



EM-25GD0320-19 P201



EM-25GT0020-19 P201



EM-25GT0220-19 P201



EM-25GT0320-19 P201

OUTDOOR



EMIG-1111-A EMIG-1111-D P207-210



EMIG-1111-G P211



EMIG-1112-A P213



EM**I**G-1112-D P215



EMIG-1113-A P217



EMIG-1114-A P219



EMIG-1111-B EMIG-1111-E P207-210



EM**I**G-1111-H P211



EMIG-1112-B P213



EMIG-1112-E P215



EMIG-1113-B P217



EMIG-1114-B P219



EMIG-1111-C EMIG-1111-F P207-210



EMIG-1111-I P211



EMIG-1112C P213



EMIG-1112-F P215



EMIG-1113-C P217



EMIG-1114-C P219





ASP0112-1 P225



ASP0112-2 P225



ASP0112-3 P227



ASP0112-3 P227



ASP0115-1 P229



ASP0115-2 P229



ASP0116-1 P231



ASP0116-2 P231



ASP0117-1 P233



ASP0117-2 P233







EW101 P237



EW102 P238

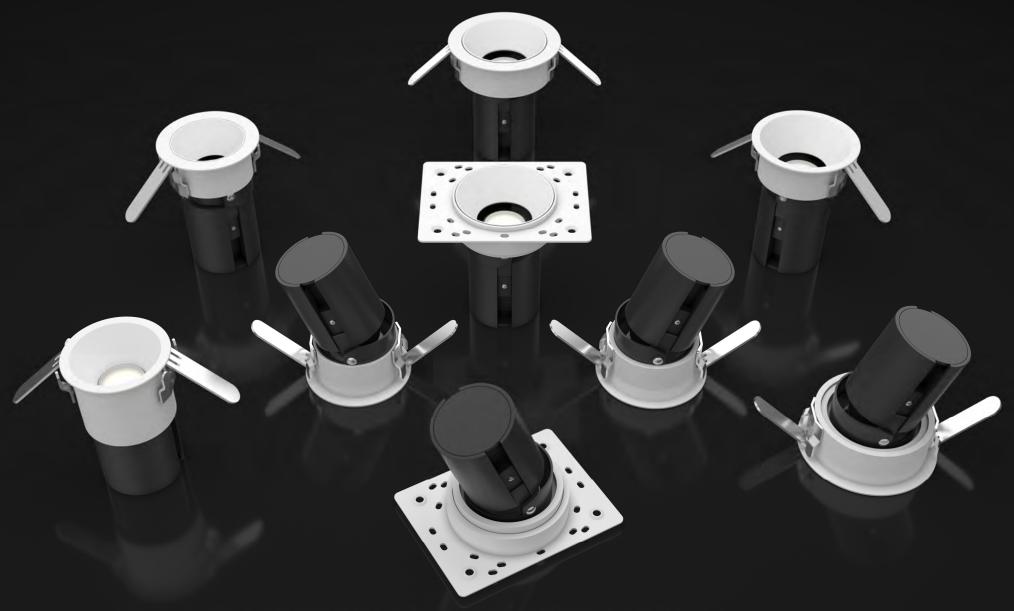


EW103 P239



EW104 P240

FLOW.Pro







33mm



The lamp body is deep and long, and the light outlet is narrow, which makes the whole lamp body realize ultra deep hiding and anti dazzle structure



Part Number	EM-30XK3325-01			
	Power	3W		
_	Beam angle	15°/25°/36°		
_	Color temperature	2700K/3000K/3500K/4000K		
_	Light efficiency	90lm/W		
_	Color rendering index	≥90		
_	Operating temperature	-25-50°C		
_	Rated life hours	35000-50000H LM80		
_	LED chip	COB		











Part Number	EM-30XK4335-01					
	Power	5W 7W				
_	Beam angle	15°/25°/36°				
_	Color temperature	2700K/3000K/3500K/4000K				
	Light efficiency	90lm/W				
_	Color rendering index	≥90				
_	Operating temperature	-25-50°C				
_	Rated life hours	35000-50000H LM80				
_	LED chip	СОВ				















Part Number	EM-30XK4540-01	EM-30XK4540-01							
	Power	5W 7W							
_	Beam ang l e	15°/25°/36°							
_	Color temperature	2700K/3000K/3500K/4000K							
_	Light efficiency	90 l m/W							
	Color rendering index	≥90							
_	Operating temperature	-25-50°C							
_	Rated life hours	35000-50000H LM80							
_	LED chip	COB							





















EM-30XK5550-01		
Power	5W 7W 9W 12W 15W	
Beam ang l e	15°/25°/36°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50°C	
Rated life hours	35000-50000H LM80	
LED chip	COB	



Part Number











1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALÍ



EM-30YD03325-01



EM-30YD04335-01





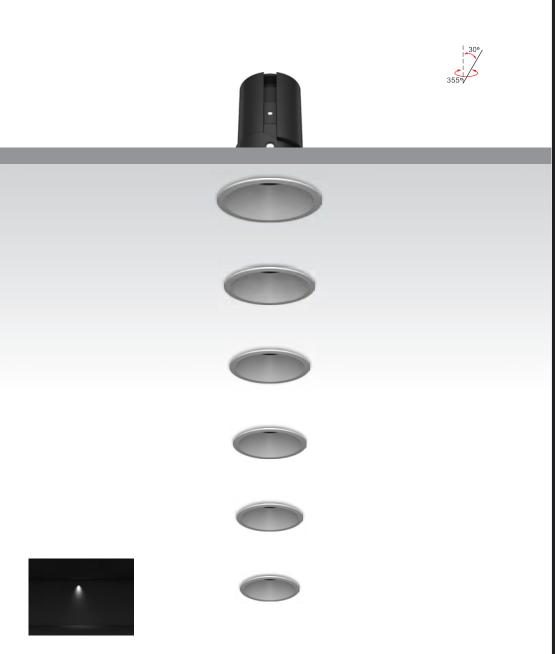


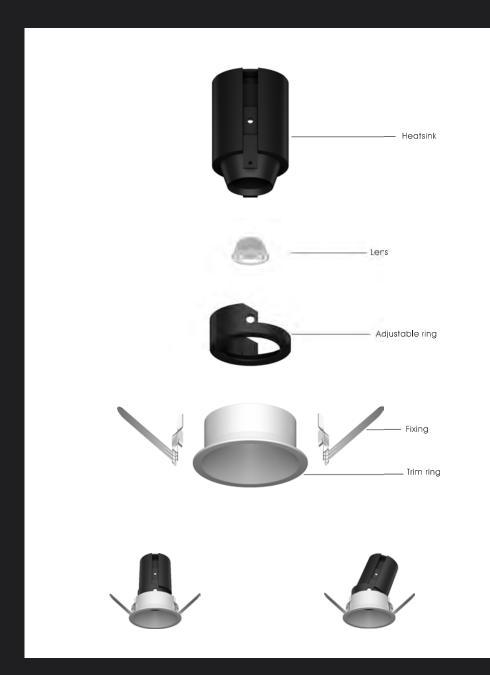
EM-30YD05550-01 EM-30YD04540-01













Part N	Number			EM-31FTK4235-01									
				Power				5W 7W					
				Beam an	gle			15°/25°/38°					
		-		Color ter	nperat	ure		2700K/3000K/3500K/4000K					
				Light effic	ciency			90 l m/W					
		-		Color rer	nderin	g index		≥90					
				Operation	g tem	perature		-25-50°C					
		_		Rated life	hours	3		35000-500	08MJ H0C				
				LED chip				СОВ					
c€	<u></u>		IP20 IP54	220- 240V Vo l tage	™ T I t	355° Solution	Ø 35mm	URG<10	Adjustab l e				



Part N	Number			EM-31FTK5045-01										
				Power				5W 7W						
				Beam ar	ngle			15°/25°/38°						
				Color ter	nperat	ure		2700K/3000K/3500K/4000K						
				Light effi	ciency			90 l m/W						
				Color re	ndering	j index		≥90						
				Operatir	ng temp	perature		-25-50°C						
				Rated life	e hours			35000-5000	0H LM80					
				LED chip				COB						
c€	<u> </u>	P20 220- 30° 355° 240V					(1)	•						
				Voltage	Tilt	Rotation	Ø 45mm	URG<10	Adjustab l e					



Part Number	EM-31FTK6255-01				
	Power	7W 10 12W 15W			
	Beam angle	15°/25°/38°			
	Color temperature	2700K/3000K/3500K/4000K			
	Light efficiency	90lm/W			
	Color rendering index	≥90			
	Operating temperature	-25-50℃			
	Rated life hours	35000-50000H LM80			
	LED chip	СОВ			
(€ 🕭 [URG<10 Adjustable			

COLOUR BK ■ WH□



Part Nu	mber			EM-31F	TK756	5-01					
				Power				7W 10W 12W 15W			
		_		Beam a	ngle			15°/25°/38°			
				Co l or te	mpera	ture		2700K/3000K/3500K/4000K			
		_		Light eff	iciency			90lm/W			
				Co l or re	nderin	g index		≥90			
		_		Operati	ng tem	perature		-25-50 C			
				Rated lif	e hour	s		35000-500	08MJ H0C		
		_		LED chip)			СОВ			
C€ 6	<u> </u>		IP20 IP54	220- 2407 Vo l tage	30°; Til+	355° CO Rotation	([) Ø 60mm	URG<10	Adjustab l e		

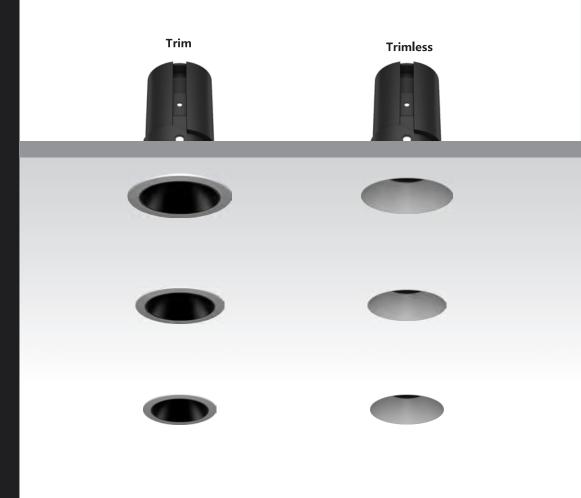


Part N	Number			EM-31FTK8375-01									
				Power				7W 10 12W 15W					
		_		Beam a	ngle			15°/25°/38°					
				Color te	mpera	ture		2700K/3000K/3500K/4000K					
		_		Light eff	iciency			90lm/W					
				Color re	nderin	g index		≥90					
		_		Operation	ng tem	perature		-25-50°C					
				Rated lif	e hour	s		35000-500	00H LM80				
				LED chip)			COB					
C€			P20 P54	220- 240V Voltage	30°. Tilt	355° ☆ Rotation	Ø 70mm	© * URG<10	Adjustable				















Part N	Number		EM	-32MT	K403	5-01					
			Po	wer				5W 7W			
			Ве	am an	gle			15°/25°/38°			
			Co	olor ten	nperat	ure		2700K/3000K/3500K/4000K			
			Lig	ht effic	iency			90 l m/W			
			Сс	olor ren	dering	g index		≥90			
			Op	perating	g tem	perature		-25-50 ℃			
			Ra	ted l ife	hours	3		35000-50000H LM80			
			LEI	D chip				СОВ			
C€	<u> </u>	IP20 IP54		220- 240V Itage	³°°. Ti l ŧ	355° Solution	⊕ Ø35mm	URG<10	Adjustab l e		



Part 1	Number			EM-32MTK5245-01										
					Power				5W 7W 9W					
					Beam ar	ng l e			15°/25°/38°					
		_			Color te	mperat	ure		2700K/3000K/3500K/4000K					
					Light effi	ciency			90 l m/W					
					Color re	ndering	j index		≥90					
					Operatir	ng temp	perature		-25-50℃					
					Rated life	e hours			35000-5000	00H LM80				
					LED chip	1			СОВ					
C€	<u> </u>		IP20 IP54		220- 240V	30°)	355° €	(I)	•					
					Voltage	Tile	Potation	Ø 45mm	URG<10	Adjustable				



Part N	Number			EM-32MT							
				Power					7W 10W 12W 15W		
				Beam an	gle			15°/25°/38°	15°/25°/38°		
		_		Color ten	perat	lure		2700K/3000K/3500K/4000K			
		_		Light effic	iency			90lm/W			
				Color ren	dering	g index		≥90			
				Operating	g tem	perature		-25-50°C			
				Rated life	hours	5		35000-500	00H LM80		
				LED chip				COB			
c€	<u></u>		IP20 IP54	220- 240V Vo l tage	30°. Ti l t	355° Constitution		URG<10	Adjustab l e		



Part Number	EM-32MTK8575-01				
	Power	7W 10W 12W 15W			
	Beam angle	15°/25°/38°			
_	Color temperature	2700K/3000K/3500K/4000K			
	Light efficiency	90 l m/W			
_	Color rendering index	≥90			
	Operating temperature	-25-50℃			
	Rated life hours	35000-50000H LM80			
	LED chip	СОВ			
(A 🗆	P20 220- P54 240V 30° 355° (1)				

C€		IP20 IP54	220- 240V	30°)	355°	(©	_
			Voltage	Tilt	Rotation	Ø 75mm	URG<10	Adjustab l e



1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI









EM-32MTK8575-01 EM-32MTK4035-01 EM-32MTK5245-01 EM-32MTK6355-01













COLOUR BK ■ WH□ | White Black Gold Chrome Silver



Part Numbe	r	EM-32MWK4033-01			
		Power	5W 7W		
		Beam ang l e	15°/25°/38°		
	-	Color temperature	2700K/3000K/3500K/4000K		
	-	Light efficiency	90lm/W		
	-	Color rendering index	≥90		
	-	Operating temperature	-25-50℃		
	-	Rated life hours	35000-50000H LM80		
		LED chip	COB		
< <u> </u>			URG<10 Adjustable		



Part Number		EM-32MWK5043-01								
		Power			5W 7W 9W 15°/25°/38°					
		Beam ang l e								
		Co l or temperat	ure		2700K/3000K/3500K/4000K					
		Light efficiency			90 l m/W					
		Co l or rendering	g index		≥90					
		Operating temp	perature		-25-50 ℃					
		Rated life hours			35000-50000H LM80					
		LED chip								
(€ 🙆 🗀	IP20 IP54	220- 240V 30"- Voltage Tilt	355° Co Rotation	Ø 50mm	⊚ * URG<10	Adjustable				



Part N	Number		EM-32M	WK60	53-01						
			Power					7W 10 12W 15W			
			Beam ar	g l e			15°/25°/38°				
			Color ter	npera	ture		2700K/3000K/3500K/4000K				
			Light effi	ciency			90 l m/W				
			Color re	nderin	g index		≥90				
			Operatir	g tem	perature		-25-50°C				
			Rated life	hour:	S		35000-50000H LM80				
			LED chip								
c€		IP20 IP54	220- 240V Voltage	³o"∕ Tilŧ	355° Rotation	Ø 60mm	© URG<10	Adjustab l e			

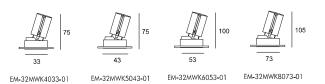
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COLOUR BK ■ WH□	White	B l ack	Gold	Chrome	5

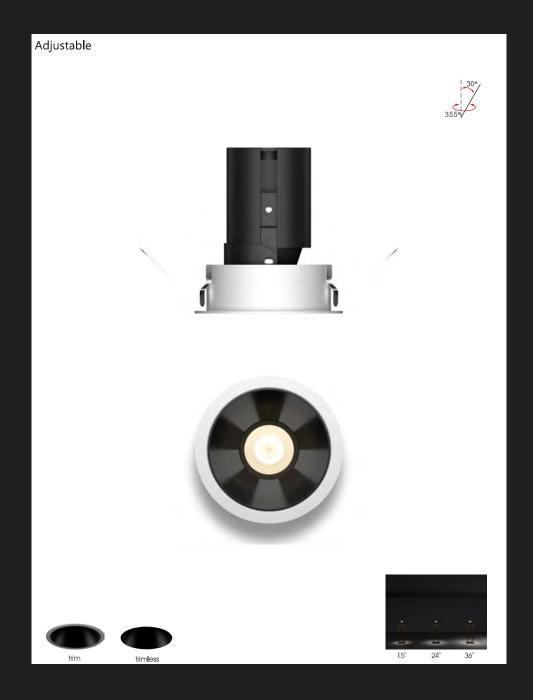


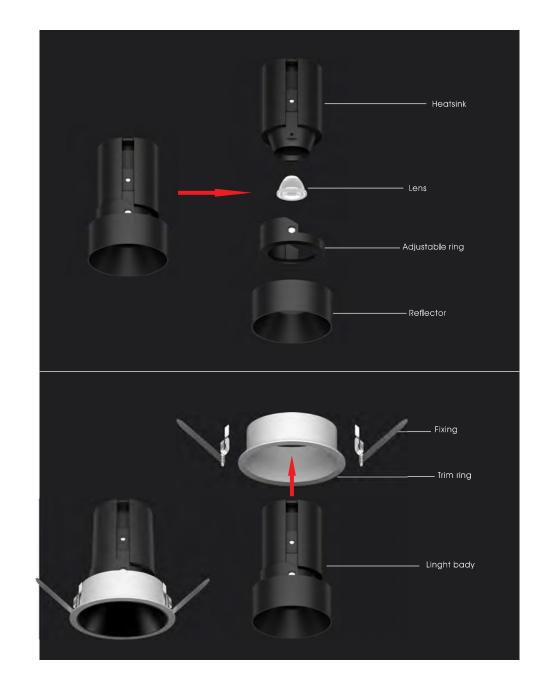
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	Power	7W 10 12W 15W		
	Beam angle	15°/25°/38"		
	Color temperature	2700K/3000K/3500K/4000K		
	Light efficiency	90lm/W		
	Color rendering index	≥90		
	Operating temperature	-25-50°C		
	Rated life hours	35000-50000H LM80		
	LED chip	СОВ		
CE 🙆 🗓		n URG<10 Adjustable		

OP.	IONS	
1	Non-DIM	
2	TRIAC	
_		

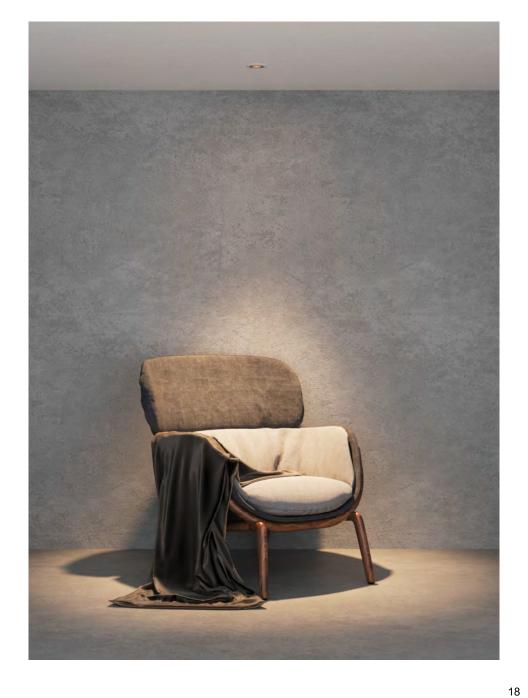














Part Number		EM-33DTK4640-01				
		Power	5W 7W			
		Beam angle		15°/25°/38°		
		Color temperature		2700K/3000K/3500K/4000K		
		Light efficiency		90 l m/W		
		Color rendering index		≥90		
		Operating temperature		-25-50℃		
		Rated life hours		35000-50000H LM80		
		LED chip		COB		
(€ 🙆 [IP2	20 54 220- 2407 355° Voltage Tilt Rotation	(j) Ø 40mm	URG<10 Adjustable		



Part N	Number		EM-33DTK5450-01									
				Power					5W 7W			
					Beam ar	ngle			15°/25°/38°			
		_			Co l or te	nperat	ure		2700K/3000K/3500K/4000K			
					Light effi	ciency			90 l m/W			
					Color re	ndering	g index		≥90			
					Operatir	ng temp	perature		-25-50℃			
					Rated life	e hours			35000-5000	00H LM80		
					LED chip				СОВ			
C€	<u></u>		IP20 IP54	220- 30° 355° ((1)	•	<u> </u>		
					Vo l tage	Tilt	Rotation	Ø 50mm	URG<10	Adjustab l e		



Part N	Number			EM-33DTK63	55-01				
				Power			5W 7W 9W		
		_		Beam angle			15°/25°/38°	,	
		-		Color temper	ture		2700K/300	0K/3500K/4000K	
				Light efficiency	/		90 l m/W		
				Color renderin	ng index		≥90		
				Operating ten	perature		-25-50℃		
				Rated life hou	rs		35000-500	00H LM80	
				LED chip			COB		
c€			IP20 IP54	220- 240V 30* Voltage Tilt	Rotation	() Ø 55mm	URG<10	Adjustab l e	



Part N	Number			EM-33E	TK757	0-01				
				Power				7W 9W 12V	V 15W	
				Beam a	ngle			15°/25°/38	•	
		_		Co l or te	mpera	lure		2700K/300	0K/3500K/4000K	
		_		Light eff	iciency			90 l m/W		
		_		Co l or re	nderin	g index		≥90		
				Operati	ng tem	perature		-25-50°C		
		_		Rated lit	e hour:	S		35000-500	00H LM80	
				LED chi)			СОВ		
C€	<u> </u>		IP20 IP54	220- 240v Voltage	™ Til+	355° Contaction	(j) Ø 70mm	URG<10	Adjustab l e	











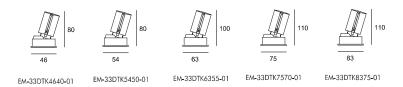






Part N	Number			EM-33D	TK837:	5-01				
				Power				7W 10W 12	W 15W	
				Beam ar	ngle			15°/25°/38°	•	
		_		Co l or te	mperat	ure		2700K/300	0K/3500K/4000K	
				Light effi	ciency			90 l m/W		
				Co l or re	ndering	g index		≥90		
				Operation	ng tem	perature		-25-50℃		
				Rated life	e hours	3		35000-500	08MJ H0C	
				LED chip)			СОВ		
C€			IP20 IP54	220- 240v Vo l tage	³°;∕ ∏lt	355° Solution	Ø75mm	URG<10	Adjustab l e	

OP.	TIONS
1	Non-D I M
2	TRIAC
3	0/1 - 10V
4	DALI





Part Number	EM-33DW4036-01	
	Power	5W 7W
	Beam angle	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	СОВ
(é 🙆 🗆	P20	URG<10 Adjustable



Part 1	Number			EM-33D	WK504	3-01				
				Power				5W 7W		
		_		Beam ar	ngle			15°/25°/38°		
		_		Color ter	nperat	ure		2700K/3000	K/3500K/4000K	
		_		Light effi	ciency			90 l m/W		
		_		Color re	ndering	g index		≥90		
		_		Operatir	ng temp	perature		-25-50℃		
		_		Rated life	e hours	:		35000-5000	0H LM80	
		_		LED chip				СОВ		
C€	<u> </u>		IP20 IP54	220- 240V	30%	355°	(I)	•	<u> </u>	
				Voltage	T:1+	Potation	Ø 50mm	URG<10	Adjustable	



Part Nu	mber		EM-33D	WK605	50-01				
			Power				7W 10W 12	W 15W	
			Beam ar	ngle			15°/25°/38°	•	
			Color te	mperal	ture		2700K/300	0K/3500K/4000K	
			Light effi	ciency			90 l m/W		
			Color re	nderin	g index		≥90		
			Operatir	ng tem	perature		-25-50℃		
			Rated life	e hours	3		35000-500	00H LM80	
			LED chip	,			СОВ		
C € €		IP20 IP54	220- 240V Voltage	30°. Tilt	355° Rotation	Ø 60mm	URG<10	Adjustable	



Part N	Number			EM-33D	WK706	2-01			
				Power				5W 7W 9W	12W 15W
		_		Beam a	ngle			15°/25°/38	0
		_		Co l or te	mpera	lure		2700K/300	0K/3500K/4000K
		_		Light eff	iciency			90 l m/W	
		_		Co l or re	nderin	g index		≥90	
		_		Operation	ng tem	perature		-25-50℃	
		_		Rated lif	e hour:	5		35000-500	00H LM80
				LED chip)			СОВ	
C€	<u> </u>		IP20 IP54	220- 240V Voltage	™) Tilt	355° Co Rotation	(j) Ø 70mm	URG<10	Adjustab l e

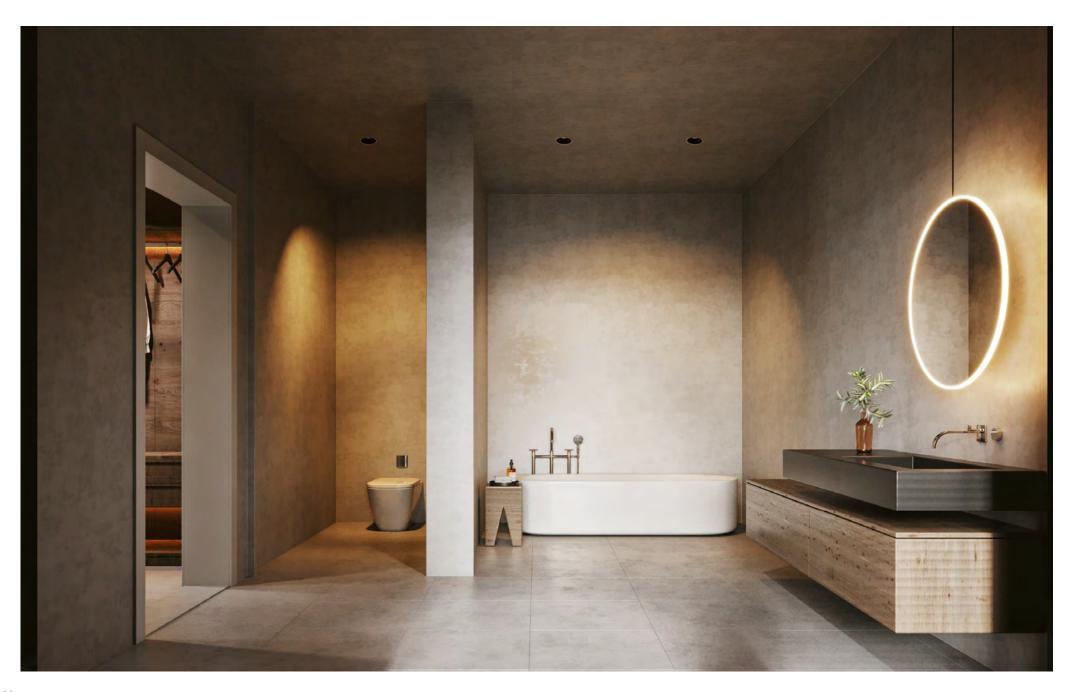
			0	0		C	C
COLOUR	вк 🔳	WH□	White	Black	Gold	Chrome	Silv



Part N	Number			EM-33D	VK757	0-01				
				Power				7W 10W 12	W 15W	
				Beam ar	ng l e			15°/25°/38		
		_		Color te	nperat	ure		2700K/300	0K/3500K/4000K	
		_		Light effi	ciency			90 l m/W		
		_		Co l or re	nderin	g index		≥90		
				Operation	ng tem	perature		-25-50℃		
		_		Rated life	e hours	3		35000-500	00H LM80	
				LED chip				СОВ		
C€			IP20 IP54	220- 240v Vo l tage	3°;∕ ∏lt	355° Solution	(j) Ø75mm	URG<10	Adjustab l e	

OP	TIONS
1	Non-D I M
2	TRIAC
3	0/1-10V
4	DALI









Part Number	EM-35ITK6050-01	
	Power	5W 7W
_	Beam ang l e	15°/25°/36°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	COB













art Number	EM-35ITK8375-01	
	Power	5W 7W 9W
_	Beam ang l e	15°/25°/36°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	COB

















٠.	101.10
1	Non-D I M
2	TRIAC
3	0/1 - 10V
4	DAL



EM-35ITK6050-01



EM-35ITK8375-01

COLOUR BK ■ WH□ | White









Part Number	EM-01S00001-01		
	Power	2W	
	Beam angle	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	







Part Number	EM-01S00001-02		
	Power	4W	
	Beam ang l e	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	







Part Number	EM-01S00001-05	
	Power	10W
_	Beam ang l e	15°/30°/45°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	80lm/W
_	Color rendering index	≥90
	Operating temperature	-25-50 °C
	Rated life hours	35000-50000H LM80
_	LED chip	SMD







Part Number	EM-01S00001-10	
	Power	20W
	Beam angle	15°/30°/45°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	80lm/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD





COLOUR BK ■ WH□ | White Frances White White Short Black

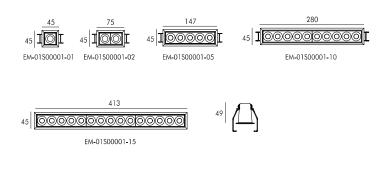


Part Number	EM-01S00001-15		
	Power	30W	
	Beam ang l e	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	

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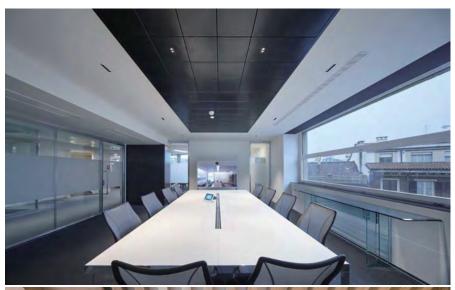


PT	IONS
1	Non-DIM
2	0/1 - 10V
3	DAL



COLOUR BK ■ WH□









Part Number	EM-02S00001-01		
	Power	2W	
	Beam ang l e	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	







Part Number	EM-02S00001-02		
	Power	4W	
	Beam angle	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	











Part Number	EM-02S00001-05	
	Power	10W
	Beam angle	15°/30°/45°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	80 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
_	LED chip	SMD







Part Number	EM-02S00001-10	
	Power	20W
	Beam angle	15°/30°/45°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	80 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
_	Rated life hours	35000-50000H LM80
	LED chip	SMD

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COLOUR BK ■ WH□

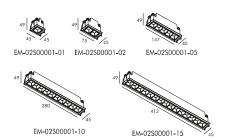


Part Number	EM-02S00001-15	
	Power	30W
_	Beam ang l e	15°/30°/45°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	80lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD



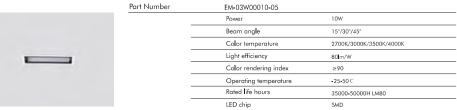
220- 240V			
Voltag	e 405x3	7mm UGR<1	9 Fix

PTIONS		
1	Non-D I M	
2	0/1 - 10V	
3	DALI	



COLOUR BK ■ WH□





















Part Number	EM-03W00020-10		
	Power	20W	
	Beam ang l e	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	













ırt Number	EM-03W00030-15		
	Power	30W	
	Beam angle	15°/30°/45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80 i m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	











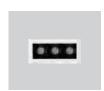




Part Number	EM-04S00002-03		
	Power	3W	
	Beam ang l e	30°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	







Part Number	EM-04S00003-05		
	Power	5W	
	Beam angle	30°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	







Part Number	EM-04S00004-07		
	Power	7W	
_	Beam angle	30°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	







Part Number	EM-04S00006-08		
	Power	8W	
	Beam angle	30°/60°	
	Color temperature	2700K/3000K/3500K/4000K	_
	Light efficiency	80 l m/W	
	Color rendering index	≥90	_
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	





COLOUR BK ■ WH□



Part Number	EM-04S00009-12		
	Power	12W	
_	Beam angle	30°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	80lm/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
	LED chip	SMD	



220- 240V		©	
Voltage	68x68mm	UGR<19	Fixed



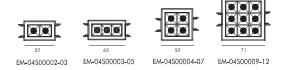
Part Number	EM-04S00012-12		
	Power	20W	
_	Beam angle	30°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	80 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	

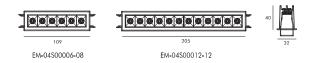




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OPT I ONS			
1	Non-DIM		
2	0/1 - 10V		
3	DALI		





COLOUR BK ■ WH□ |





Part Number	EM-05SJ0005-12					
	Power	1	2W			
	Beam ang l e	1	5°/25°/3	18°		
	Color temperature	2	700K/30	000K/3500K	4000K	
	Light efficiency	8	80 l m/W			
	Color rendering index		≥90			
	Operating temperature	-	25-50°C			
	Rated life hours	3	5000-50	0000H LM80		
	LED chip		SMD			
(€ 🚵 🗆 📴		220- 240V Vo l tage	²⁵j Ti l t	150x45mn	uGR<19	Adjustable



Part Number	EM-05SJ0010-24	
	Power	24W
	Beam angle	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	80 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD
C€ 🙆 🗆 📴		220- 2407

OPTIONS .		
Non-D I M		
0/1 - 10V		
DALI		



EM-05SJ0005-12 EM-05SJ0010-24

COLOUR BK ■ WH□ | Black









Part Number	EM-06TR0004-10		
	Power	10W	
-	Beam angle	15°/25°/38°	
-	Color temperature	2700K/3000K/3500K/4000K	
-	Light efficiency	80lm/W	
_	Color rendering index	≥90	
-	Operating temperature	-25-50°C	
-	Rated life hours	35000-50000H LM80	
-	LED chip	SMD	











Part Number	EM-06SR0004-10		
_	Power	10W	
	Beam ang l e	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	















Part Number	EM-06SR0007-18		
	Power	18W	
	Beam ang l e	15°/25°/38°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	80lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
	LED chip	SMD	













OPT I ONS		
1	Non-DIM	
2	0/1 - 10V	
3	DAIL	



EM-06TR0004-10



EM-06SR0004-10



EM-06SR0007-18

COLOUR BK ■ WH□











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Part Number	EM-07TM0004-10		
	Power	10W	
_	Beam angle	15°/25°/38°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	80lm/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	







Part Number	EM-07SM0004-10		
	Power	10W	
	Beam ang l e	15°/25°/38°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	80lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
	LED chip	SMD	













Part Number	EM-07TM0005-12	
	Power	12W
	Beam angle	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	80 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50 ℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD
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Part Number	EM-07TM0010-24		
	Power	24W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	80lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	









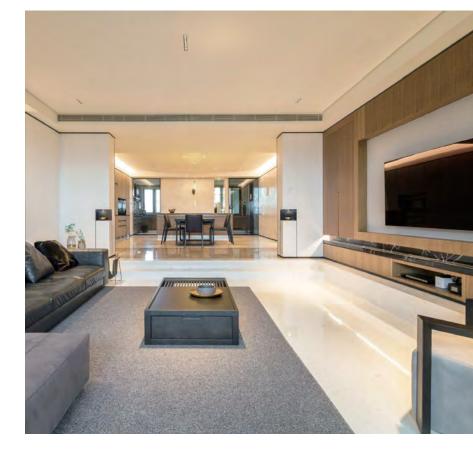












EM-07SM0004-10

EM-07TM0004-10

EM-07TM0005-12

EM-07TM0010-24













EM-29SC0005-12	
Power	12W
Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90 l m/W
Color rendering index	≥90
Operating temperature	-25-50℃
Rated life hours	35000-50000H LM80
LED chip	СОВ
	Power Beam angle Color temperature Light efficiency Color rendering index Operating temperature Rated life hours















art Number	EM-29SC0010-24		
	Power	24W	
	Beam angle	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















Part Number	EM-29SC0015-36		
	Power	36W	
	Beam angle	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



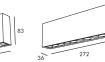














EM-29SC0005-12

EM-29SC0010-24

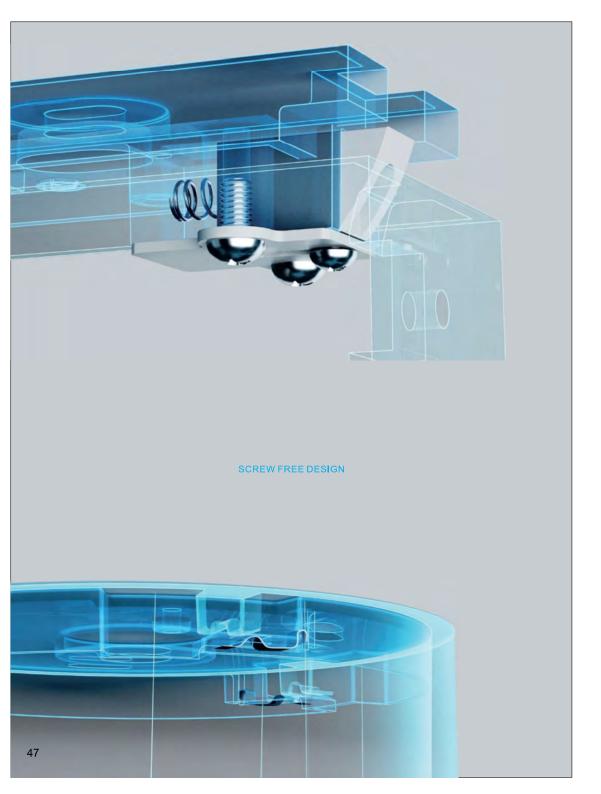
EM-29SC0015-36













Power Beam angle	10W
Boam analo	
beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB
	Light efficiency Color rendering index Operating temperature Rated life hours

















Power	10W
 Beam angle	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90 l m/W
Color rendering index	≥90
Operating temperature	-25-50°C
 Rated life hours	35000-50000H LM80
LED chip	СОВ















art Number	EM-30SF0009-20	
	Power	20W
_	Beam ang l e	15°/25°/38°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ

















EM-30RF0004-10



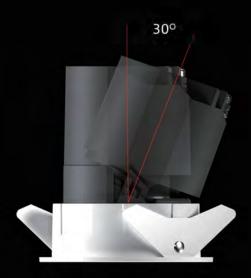
EM-30SF0009-20

EM-30SF0004-10

COLOUR BK ■ WH□ | Black Gold Chrome



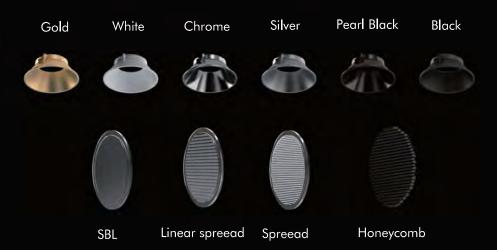




Chellona

This place-free fixture family allows architects and designers to work with different lighting applications. Thanks to precise engineering, the use of superior reflector materials and various place control accessories, the EDGE II fixtures quarantee maximum visual comfort and optimal optic performance. The miniature design with dean sightlines make people focus on the light instead of the luminaire.

Beams, effects, filters, output levels, trimless or with trim, fixed or adjustable, and smart controls like Casambi, Dali, phase-cut, the vast range of options allow you to work with different lighting demands throughout the entire project. Furthermore, the unique interchangeable light engine design helps perfectly protect the celling during maintenance.





	Part Number	EM-01CH0007-01	
		Power	7W
	-	Beam angle	15°/25°/38°/60°
		Color temperature	2700K/3000K/3500K/4000K
	H79 -	Light efficiency	90 l m/W
) †	Color rendering index	≥90
Ø 62	1	Operating temperature	-25-50°C
202		Rated life hours	35000-50000H LM80
		LED chip	СОВ







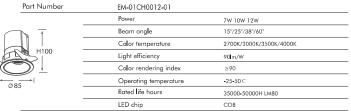
























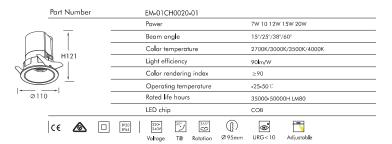














PARAMETER: 12W 25° 3000K Ra90								
13/A	H(m)	E(lx)	D(m)					
60° \ 710° \ 60°	1	3028	0.50					
X//####	2	757	1.00					
200	3	<336>	1.51					
30° / 30°	4	189	2.01					
2800 C0/180	5	(121)	2.51					
MAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER					

PARAMETER: 15W 25° 3000K Ra90									
A N A	H(m)	E(Ix)	D(m)						
60° 60°	3	3 <mark>7</mark> 8	1.50						
X Hugolf X	4	213	2.00						
2100	5	136	2.51						
30° A 2800 A 30°	6	95	3.01						
C0/180	7	69	3.51						
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER						



















Part Number	EM-02CH0007-02	
	Power	7W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
H86	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
64 —	Rated life hours	35000-50000H LM80
	LED chip	СОВ



	Part N	lumber			EM-02Cl	H0012	-02				
					Power			7W 10W 12W			
H112				Beam ang l e					15°/25°/38°/60°		
				Color temperature					2700K/3000K/3500K/4000K		
0=				Light efficiency					90 l m/W		
				Color rendering index					≥90		
85				Operating temperature					-25-50°C		
				Rated life	Rated life hours			35000-50000H LM80			
					LED chip				СОВ		
	C€	<u> </u>		IP20 IP54	220- 240V Vo l tage	™) Til t	355° Rotation	75x75mn	⊚ 1 URG<10	Adjustable	



Part Number	EM-02CH0020-02			
	Power	7W 10 12W 15W 20W		
	Beam ang l e	15°/25°/38°/60°		
	Color temperature	2700K/3000K/3500K/4000K		
H138	Light efficiency	90lm/W		
	Color rendering index	≥90		
	Operating temperature	-25-50℃		
105	Rated life hours	35000-50000H LM80		
	LED chip	COB		
ce 🕭 🗆		m URG<10 Adjustable		



PARAMETER: 12W 25° 3000K Ra90									
HA N EX		H(m)	E(Ix)	D(m)					
60° 700 60°		1	30 <mark>2</mark> 8	0.50					
// 1400 // 1400		2	757	1.00					
2100		3	-336>	1.51					
30° / 30°		4	189	2.01					
3500 C0/180		5	C121	2.51					
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG		HEIGHT	ILLUMINANCE	DIAMETER					

PARAMETER: 15W 25° 3000K Ra90									
	H(m)	E(Ix)	D(m)						
60°	3	3 <mark>7</mark> 8	1.50						
	4	213	2.00						
200	5	136	2.51						
30° A 2900 A 30°	6	95	3.01						
C0/180	7	69	3.51						
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE[50%]:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER						

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53













Part Number		EM-02CH0207-02			
		Power 2x7W			
	_	Beam angle 15°/25°/38°/60°			
		Color temperature 2700K/3000K/3500K/4000K	2700K/3000K/3500K/4000K		
		Light efficiency 90lm/W			
		Color rendering index ≥90			
		Operating temperature -25-50℃			
		Rated life hours 35000-50000H LM80			
		LED chip COB			
(€ 🕭		1270 1270			



Part Number	EM-02CH0212-02			
	Power	2x7W 2x10W 2x12W		
	Beam angle	15°/25°/38°/60°		
	Color temperature	2700K/3000K/3500K/4000K		
	Light efficiency	90 l m/W		
	Color rendering index	≥90		
	Operating temperature	-25-50℃		
	Rated life hours	35000-50000H LM80		
	LED chip	СОВ		
ce 🙆 🗀		75mm URG<10 Adjustable		



Part Number		EM-02CH0220-02
		Power 2x7W 2x10W 2X12W 2X15W 2X20W
		Beam angle 15°/25°/38°/60°
		Color temperature 2700K/3000K/3500K/4000K
-		Light efficiency 90lm/W
		Color rendering index ≥90
		Operating temperature -25-50 ℃
		Rated life hours 35000-50000H LM80
		LED chip COB
(A	П	P20 220- 30° 355°



		_	Light efficiency					0lm/W		
			Color rendering index					≥90		
			Operating temperature					25-50℃		
			Rated life hours				3	5000 - 500001	H LM80	
				LED chip			С	ОВ		
€	<u> </u>		IP20 IP54	²²⁰ - ^{240V} Vo l tage	™) Til l	Rotation	190x95mm	© URG<10	Adjustab l e	

OP.	TIONS
1	Non-D I M
2	0/1 - 10V
3	DALI







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Chrome Gun black Matt silver Matt white



Part Number	EM-02CH0307-03		
	Power	3×7W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	





Part Number	EM-02CH0312-03	
	Power	3x7W 3x10W 3x12W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB



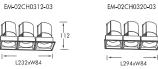


Part Number		EM-02CH0320-03
		Power 3x7W 3x10 3x12W 3x15W 3x20W
	_	Beam angle 15°/25°/38°/60°
		Color temperature 2700K/3000K/3500K/4000K
		Light efficiency 90 I m/W
		Color rendering index ≥90
		Operating temperature -25-50 ℃
		Rated life hours 35000-50000H LM80
		LED chip COB
(€ 🙆		Votrage Till Rotation 284.95mm URG<10 Adjustable

OPTIC	ONS	
1	Non-D I M	_
2	0/1 - 10V	
3	DALI	











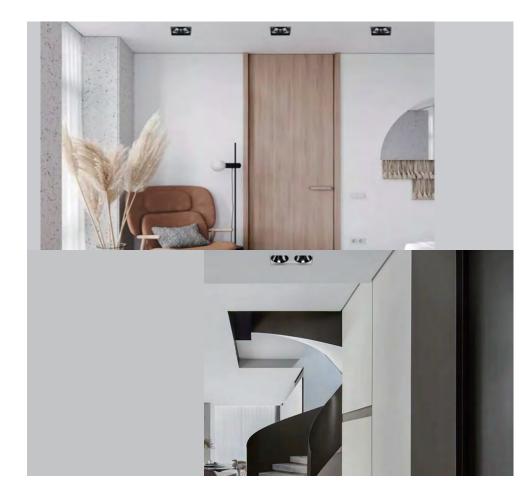






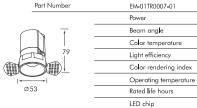














7W

90**l**m/W

-25-50°C

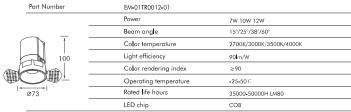
≥90

15°/25°/38°/60°

2700K/3000K/3500K/4000K

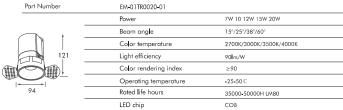
35000-50000H LM80





C€		IP20 IP54	220- 240V	30°)	355°		©	_
			Voltage	Tilt	Rotation	Ø 77mm	URG<10	Adjustable

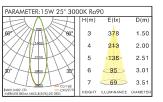




c€		IP20 IP54	220- 240V	30°.	355"	(I)	©	<u> </u>
			Voltage	Tilt	Rotation	Ø97mm	URG<10	Adjustab l e

PARAMETER:7W 25° 3000K Ra90								
HA NET	H(m)	E(Ix)	D(m)					
60° / 500°	1	21 <mark>2</mark> 9	0.50					
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2	532	1.00					
1500	3	237	1.50					
30° 30°	4	< 133	2.00					
2500	5	< 85 >	2.50					
IMAX2130 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETE					

PARAMETER: 12W 25° 3000K Ra90									
	H(m)	E(Ix)	D(m)						
60° 80°	1	30 <mark>2</mark> 8	0.50						
Thank Y	2	757	1.00						
200	3	336	1.51						
30° 2809 30°	4	189	2.01						
3500 C0/180	5	(121)	2.51						
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER						



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Gun black

Matt silva





Part Number	EM-02TR0007-01		
	Power	7W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	





Part Number	EM-02TR0012-01		
	Power	7W 10W 12W	
	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	

C€		IP20 IP54	220- 240V	30°)	355°		*	
			Voltago	Tile.	Potation	77v77mm	LIPC-10	Adjustable



Part Number	EM-02TR0020-01
	Power 7W 10 12W 15W 20W
	Beam angle 15°/25°/38°/60°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90 l m/W
	Color rendering index ≥90
	Operating temperature -25-50 C
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🕭 🗆	

	EM-02TR0007-01	EM-02TR0012-01	EM-02TR0020-01
OPTIONS 1 Non-DIM			
2 0/1-10V 3 DALI			138
J DALI	54x54	74×74	94×94
COLOUR BK • WHO	Chrome Gun black	Matt silver Matt white	Matt black



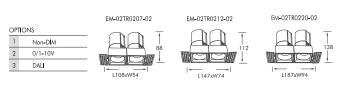
Part N	umber	EM-02TR0207-02	
		Power 2x7W	
		Beam angle 15°/25°/38°/60°	
		Color temperature 2700K/3000K/3500K/4000K	
		Light efficiency 90Im/W	
		Color rendering index ≥90	
		Operating temperature -25-50 ℃	
		Rated life hours 35000-50000H LM80	
		LED chip COB	
C€	<u> </u>		



Part Number		EM-02TR0212-02	
		Power	2x7W 2x10W 2x12W
		Beam ang l e	15°/25°/38°/60°
	_	Color temperature	2700K/3000K/3500K/4000K
		Light efficiency	90 l m/W
		Color rendering index	≥90
		Operating temperature	-25-50℃
		Rated life hours	35000-50000H LM80
		LED chip	СОВ
(€ 🙆			152x77mm URG<10 Adjustable



Part Number	EM-02TR0220-02	
	Power	2X12W 2X15W 2X20W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	COB
(€ 🕭 🗓		193x97mm URG<10 Adjustable







Part Number	EM-03TR0307-03	
	Power	3x7W
_	Beam ang l e	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ

















Part Number	EM-03TR0312-03		
	Power	3x7W 3x10W 3x12W	
	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	COB	























OPTIONS Non-DIM 0/1-10V

DAL

Part Number	EM-03TR0320-03		
	Power	3x12W 3x15W 3x20W	
_	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
-	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	

























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OD OD

Soyuz

Simple appearance, comfortable light effect are the essential features of this kind of product.

Under the premise of ensuring optimal performance, our R&D team develops this series of luminaire adopting deep optical design. This effectively eliminates the influence of dazzle on the eye, and creates a more comfortable Illumination environment.

With same appearance but different size and beam andle, Souuz is a good choice to meet the requirements for different brightness and light effects in the same space.





Part Number	EM-01SO0007-01	
	Power	7W
~ ·	Beam ang l e	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
85	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
Ø 62	Rated life hours	35000-50000H LM80
	LED chip	СОВ
C€		URG<10 Adjustable













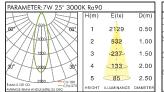




Part Number	EM-01SO0020-01	
	Power	7W 10W 12W 15W 20W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
100	Light efficiency	90 l m/W
	Color rendering index	≥90
<u> </u>	Operating temperature	-25-50°C
Ø 84	Rated life hours	35000-50000H LM80
	LED chip	СОВ
C€ & □		URG<10 Adjustable



Part Number	EM-01SO0030-01	
	Power	7W 10 12W 15W 20W 25W 30W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
128	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
Ø110	Rated life hours	35000-50000H LM80
	LED chip	СОВ
€ 🕭 🗆		URG<10 Adjustable



PARAMETER: 12W 25° 3000K Ra90				
HA N EH	H(m)	E(Ix)	D(m)	
60°	1	30 <mark>2</mark> 8	0.50	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	2	757	1.00	
2200	3	336	1.51	
30°	4	189>	2.01	
3500 00/180	5	(121)	2.51	
MAX:3029 CD — C90/270 VERAGE BEAM ANGLE[50%]:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER	

PARAMETER: 15W 25° 3000K Ra90							
13 N SH	H(m)	E(lx)	D(m)				
60° / 60°	3	3 <mark>7</mark> 8	1.50				
XXXIII	4	213	2.00				
2100	5	136	2.51				
30° A 2800 A 30°	6	95	3.01				
3300 C0/180	7	69	3.51				
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER				

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Part Number	EM-02SG0007-01	
	Power	7W
m † –	Beam ang l e	15°/25°/38°/60°
85	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
Ø 53	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	СОВ

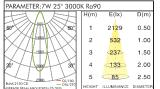




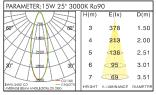
	Part N	Number			EM-02S	G0020	-01					
					Power				7W 10W 12W 15W 20W			
_		_		Beam angle					15°/25°/38°/60°			
	Ì	Ī			Color temperature				2700K/3000K/3500K/4000K			
85			_		Light effi	ciency			90 l m/W			
					Color re	ndering	g index		≥90			
din C		·** —			Operatir	ng temp	oerature		-25-50°C			
Q	ð 73			Rated life hours					35000-50000H LM80			
		LED chip					COB					
	c€			IP20 IP54	220- 240v Voltage	©°) Ti l ŧ	355° Contaction	Ø 77mm	URG<10	Adjustab l e		



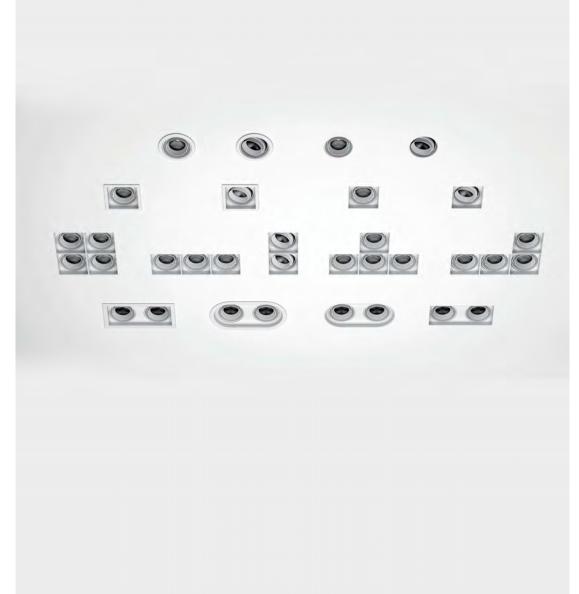
	Part Numbe	r	EM-02SG	0030-	01				
			Power				7W 10 12W	5W 20W 25W 30	W
_			Beam an	Beam angle			15°/25°/38°/60°		
) [_	Color temperature				2700K/3000K/3500K/4000K		
	85		Light effic	iency			90lm/W		
1111			Co l or ren	dering	index		≥90		
dim C			Operatin	g temp	erature		-25-50°C		
Ø93			Rated life	hours			35000-50000H LM80		
			LED chip				COB		
	(€ 🙆		P20 220- P54 240V Voltage	™) Tilt	355° Rotation	(j) Ø 97mm	⊚ URG<10	Adjustable	



PARAMETER:12W 25° 3000K Ra90							
73 N EN		H(m)	E(Ix)	D(m)			
90" 700		1	30 <mark>2</mark> 8	0.50			
X//#1460HY\\X		2	757	1.00			
200		3	336	1.51			
30° \ 2800\ 30°		4	189	2.01			
3900 00/180		5	C121	2.51			
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG		HEIGHT	ILLUMINANCE	DIAMETER			



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Part Number		EM-02SO0207-02
		Power 2x7W
	_	Beam angle 15°/25°/38°/60°
	_	Color temperature 2700K/3000K/3500K/4000K
	_	Light efficiency 90lm/W
		Color rendering index ≥90
		Operating temperature -25-50 ℃
		Rated life hours 35000-50000H LM80
		LED chip COB
(A		P20



Part N	umber		E	M-02SY	′0207 - 0	2				
			F	ower				2x7W		
			Е	Beam an	gle			15°/25°/38°/	′60°	
			(Co l or ter	mperatu	re		2700K/3000	K/3500K/4000K	
			L	ight effi	ciency			90 l m/W		
			(Co l or rei	ndering	index		≥90		
			(Operation	g tempe	erature		-25-50℃		
			F	Rated life	e hours			35000-5000	0H LM80	
			L	.ED chip				СОВ		
CE		IP20 IP54		220- 240V	30 <u>;</u>	355*	(I)	©	_	

Voltage Tilt Rotation 129x69mm URG<10 Adjustable







Part Number	EM-02SY0220-02	
	Power	2x7W 2x10W 2x12W 2x15W 2x20
	Beam ang l e	15°/25°/38°/60°
-	Color temperature	2700K/3000K/3500K/4000K
•	Light efficiency	90 l m/W
-	Color rendering index	≥90
	Operating temperature	-25-50 C
-	Rated life hours	35000-50000H LM80
	LED chip	СОВ
(6	P20 220- P54 240V 30° 355°	

Voltage Tilt Rotation 180x91mm URG<10 Adjustable



Part Number	EM-02SO0230-02	
	Power	2x10 2x12W 2x15W 2x20W 2x25W 2x30W
_	Beam angle	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
_	Color rendering index	≥90
_	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	COB
(€ 🙆 🗆	P20 220- 30° 355° (1854 240v 2	

Voltage Tilt Rotation 223x110mm URG<10 Adjustable

Voltage Tilt Rotation 178x88mm URG<10 Adjustable



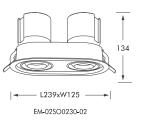
Part Nun	nber		EM-02SY0230-	02	
			Power		2x10 2x12W 2x15W 2x20W 2x25W 2x30
			Beam angle		15°/25°/38°/60°
			Color temperat	ure	2700K/3000K/3500K/4000K
			Light efficiency		90 l m/W
			Color rendering	j index	≥90
			Operating temp	perature	-25-50℃
			Rated life hours		35000-50000H LM80
			LED chip		СОВ
C€			I P20 I P54		
220- 240V	ار:٠٠٠	355°		•	
Voltage	Tilt	Rotation	225x111mm	URG<19	Adjustable

DPT	T ONS	
1	Non-D I M	
2	0/1 - 10V	
3	DALI	
		 L140xW79



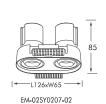
85

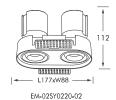
EM-02SO0207-02

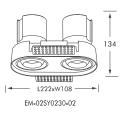


OPTIONS

1 Non-DIM
2 0/1-10V
3 DALI







COLOUR BK ■ WH□

69 COLOUR BK ■ WH□ |



Part Number	EM-01SQ0007-01	
	Power	7W
\frown \top	Beam angle	15°/25"/38°/60"
	Color temperature	2700K/3000K/3500K/4000K
88	Light efficiency	90 l m/W
	Color rendering index	≥90
←	Operating temperature	-25-50°C
04	Rated life hours	35000-50000H LM80
	LED chip	COB
	[1920] [221] [30°] [355°]	





Part Numb	er	EM-02SQ0207-02
		Power 2x7W
		Beam angle 15°/25°/38°/60°
		Color temperature 2700K/3000K/3500K/4000K
		Light efficiency 90lm/W
		Color rendering index ≥90
		Operating temperature -25-50 ℃
		Rated life hours 35000-50000H LM80
		LED chip COB
c€ 2 €	<u> </u>	P20 P22 P25 P25



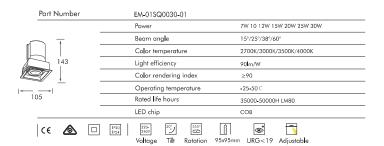
Part Number	EM-01SQ0020-01	
_	Power	7W 10W 12W 15W 20W
	Beam ang l e	15°/25°/38°/60°
112	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
84	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB
(€ 🙆 🗆	P20 P54 220- 240v 30°	



Part Number	EM-02SQ0220-02			
	Power	2x7W 2x10W 2x12W 2x15W 2x20W		
	Beam angle	15°/25°/38°/60°		
	Color temperature	2700K/3000K/3500K/4000K		
_	Light efficiency	90lm/W		
_	Color rendering index	≥90		
_	Operating temperature	-25-50°C		
_	Rated life hours	35000-50000H LM80		
_	LED chip	СОВ		
(€ 🙆 🗆	P20			

Voltage Tilt Rotation 164x77mm URG<19 Adjustable

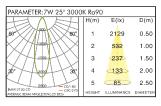






Part Number			EM-02SG	0230-02	2					
			Power				2x10W 2X12W	2X15W 2X20W 2x	<30W	
			Beam an	gle		15°/25°/38°/60° 2700K/3000K/3500K/4000K				
			Color ten	nperature	Э					
	Light efficiency					90 l m/W				
			Color rer	dering in	ndex					
			Operatin	g temper	ature					
			Rated life	hours						
			LED chip			COB				
(€ 🙆		IP20 IP54	220- 240V	30")	355°		•			

Voltage Tilt Rotation 207x95mm URG<19 Adjustable

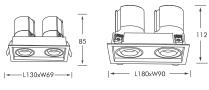


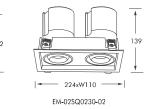
PARAMETER: 12W 25° 3000K Ra90											
$H \supset \Lambda \bowtie H$	H(m)	E(Ix)	D(m)								
60°	1	3028	0.50								
	2	757	1.00								
200	3	336	1.51								
30° 22002 30°	4	189	2.01								
3500 CO/180	5	<121>	2.51								
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE/50%:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER								

PARAMETER: 15W 25° 3000K Ra90										
	H(m)	E(Ix)	D(m)							
60°	3	3 <mark>7</mark> 8	1.50							
X / H1400	4	213	2.00							
200	5	136	2.51							
20° \ \ 2800 \ \ 30°	6	95	3.01							
C0/180	7	C 69	3.51							
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER							

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EM-02SQ0207-02 EM-02SQ0220-02



	Part N	lumber			EM-01S7	гооот-от						
					Power				7W			
	\neg $\overline{}$ $\overline{}$				Beam ar	ngle		15°/25°/38°/60°				
					Co l or te	mperatur	e		2700K/3000K/3500K/4000K			
r	88				Light effi	ciency			90lm/W			
					Co l or re	ndering i	ndex		≥90			
-					Operatir	ng tempe	rature		-25-50℃			
	54				Rated life	e hours			35000-50000H	H LM80		
				LED chip					COB			
	C€			IP20 IP54	220- 240V	30:)	355°		©	_		

Voltage Tilt Rotation 57x57mm URG<19 Adjustable



Part Number	EM-02ST0207-02				
	Power	2x7W			
_	Beam ang l e	15°/25°/38°/60°			
_	Color temperature	2700K/3000K/3500K/4000K 90 l m/W			
_	Light efficiency				
_	Color rendering index	≥90			
_	Operating temperature	-25-50 C			
_	Rated life hours	35000-50000H LM80			
_	LED chip	COB			















	Part N	lumber		E/	M-01ST0	020-0	1				
				Po	ower				7W 10W 12W	15W 20W	
		+		В	eam ang	jl e			15°/25°/38°/60°		
			_	С	o l or tem	peratu	re		2700K/3000K/3500K/4000K		
[–ौ	112	_	Li	ight effici	iency			90 l m/W		
	D	/	_	С	olor ren	dering	index		≥90		
I + 7 .		_	_	С	perating	tempe	erature		-25-50℃		
/-	4			R	ated l ife	hours			35000-50000	H LM80	
				LI	ED chip				СОВ		
	C€	<u> </u>		IP20 IP54	220- 240V /oltage	Tilt	Rotation	77x77mm	© URG<19	Adjustable	



Part Number	EM-02ST0220-02	
	Power	2x7W 2x10W 2x12W 2x15W 2x20W
_	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
_	Color rendering index	≥90
	Operating temperature	-25-50℃
_	Rated life hours	35000-50000H LM80
	LED chip	СОВ
(()	P20 220- P54 240v 30°. 355° □ 355° □ 355°	

Voltage Tilt Rotation 167x80mm URG<19 Adjustable





Voltage Tilt Rotation 97x97mm URG<19 Adjustable



Part Number		EM-025	T0230 - 0	2					
		Power			2x10W 2X12W 2X15W 2X20W 2x30W				
		Beam ar	ngle		15°/25°/38°/60°				
		Color temperature				2700K/3000K/3500K/4000K			
		Light efficiency				90 l m/W			
		Color rendering index				≥90			
		Operatio	ng tempe	rature		-25-50°C	-25-50°C		
		Rated l if	e hours			35000-5000	0H LM80		
		LED chip				СОВ			
c€ <u></u>	IP20 IP54	220- 240V	30° <u>'</u>	355°		•			

Voltage Tilt Rotation 210x97mm URG<19 Adjustable



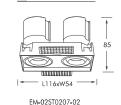
133 2.00 5 85 2.50 HEIGHT ILLUMINANCE DIAMETE

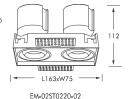
PARAMETER:12W 25° 300	OOK Ras	90	
HA N EH	H(m)	E(Ix)	D(m)
50°	1	3028	0.50
1400	2	757	1.00
210	3	336	1.51
30° 2200 30°	4	189	2.01
3500 C0/180	5	C121	2.51
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE[50%]:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

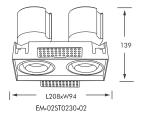
PARAMETER: 15W 25° 300	OK Ras	90	
$41 \wedge 84$	H(m)	E(Ix)	D(m)
50° 60°	3	378	1.50
X / / / / / / X	4	213	2.00
2100	5	136	2.51
30° / 2800 / 30°	6	95	3.01
3300 COV/180	7	69	3.51
WAX:3402 CD — C90/270 VERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER
_			

OPT**I**ONS

Non-DIM 2 0/1-10V DAL







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	Part N	umber		EM-02SA	0207-0)2				
				Power				2×7W		
				Beam ang	gle			15°/25°/38°/6	0°	
and and				Co l or tem	nperatu	re		2700K/3000K	/3500K/4000K	
				Light effic	iency			90 l m/W		
				Co l or ren	dering	index		≥90		
				Operating	g tempe	erature		-25-50 ℃		
				Rated life	hours			35000-50000	H LM80	
				LED chip				СОВ		
	C€	<u> </u>	IP20 IP54	²²⁰ - ^{240v} Vo l tage	رَّ Til l	355° Rotation	109x55mr	⊚ 1 URG<19	Adjustab l e	



Part Number	EM-03SA0307-03	
	Power	3x7W
_	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ





art Number	EM-04SA0407-04		
	Power	4x7W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	

OPTIONS Non-DIM 0/1-10V DAL



EM-03SA0307-03 EM-02SA0207-02

EM-04SA0407-04

COLOUR BK ■ WH□



Part Number	EM-02SB0207-02		
	Power	2×7W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



















Part Number	EM-03SB0307-03		
	Power	3x7W	
	Beam ang l e	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	





















Part Number	EM-04SB0407-04		
	Power	4x7W	
_	Beam ang l e	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	









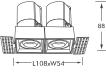


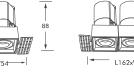


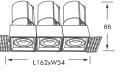




OPT	1 ONS
1	Non-D I M
2	0/1 - 10V
3	DALI







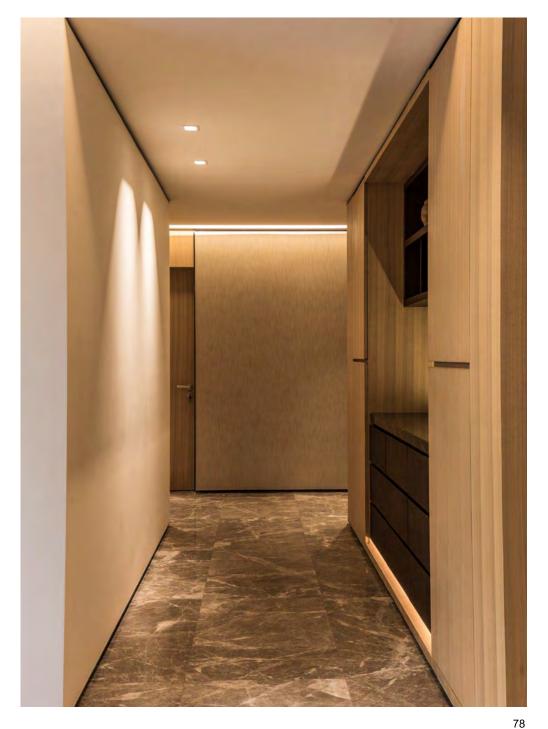


EM-02SB0207-02

EM-03SB0307-03

EM-04SB0407-04

COLOUR BK ■ WH□ |





Part Number	EM-02SU0220-02	
	Power	2x10W 2x12W 2x15W 2x20W
	Beam ang l e	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
_	Color rendering index	≥90
_	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	COB















Part Number			EM-035	Q0320 - 0)3					
			Power			3	x10W 3x12W	/ 3×15W 3×20V	v	
			Beam angle			1	15°/25°/38°/60°			
	_		Color temperature			2	700K/3000K	/3500K/4000k	(
			Light effi	ciency		9	0 l m/W			
			Co l or re	ndering i	ndex	2	≥90			
			Operatir	ng tempe	rature	-	25-50℃			
			Rated life	e hours		3	5000-50000	H LM80		
			LED chip			C	ОВ			
(€ 💩		IP20 IP54	220- 240V	30°)	355°		•			

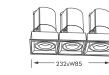
Voltage Tilt Rotation 222x75mm URG<19 Adjustable



Part Number	EM-04SQ0330-04		
	Power	4x10W 4x12W 4x15W 4x20W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	











EM-03SQ0320-03



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OPTIONS

Non-DIM



Part Number	EM-02SB0220-02	
	Power	2x10W 2x12W 2x15W 2x20W
	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
_	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	COB













Part Number	EM-03SB0320-03	
	Power	3x10W 3x12W 3x15W 3x20W
_	Beam angle	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ

















Part Number	EM-04SB0430-04					
	Power	4x10W 4x12W 4x15W 4x20W				
_	Beam ang l e	15°/25°/38°/60°				
_	Color temperature	2700K/3000K/3500K/4000K				
_	Light efficiency	90lm/W				
_	Color rendering index	≥90				
	Operating temperature	-25-50°C				
_	Rated life hours	35000-50000H LM80				
_	LED chip	COB				















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2 0/1-10V 3 DAL







EM-02SB0220-02 EM-03SB0320-03 EM-04SB0430-04



Part Number	EM-02SF0230-02						
	Power	2×10W 2×12W 2×15W 2×20W 2×30W					
_	Beam ang l e	15°/25°/38°/60°					
	Color temperature	2700K/3000K/3500K/4000K					
_	Light efficiency	90 l m/W					
_	Color rendering index	≥90					
_	Operating temperature	-25-50°C					
_	Rated life hours	35000-50000H LM80					
	LED chip	COB					





Part Number	EM-03SF0330-03					
	Power	3x10W 3x12W 3x15W 3x20W 3x30W				
	Beam angle	15°/25°/38°/60°				
	Color temperature	2700K/3000K/3500K/4000K				
	Light efficiency	90 l m/W				
_	Color rendering index	≥90				
	Operating temperature	-25-50°C				
	Rated life hours	35000-50000H LM80				
	LED chip	СОВ				





Part Number	EM-04SF0430-04					
	Power	4x10W 4x12W 4x15W 4x20W 4x30W				
	Beam ang l e	15°/25°/38°/60°				
	Color temperature	2700K/3000K/3500K/4000K				
_	Light efficiency	90 l m/W				
	Color rendering index	≥90				
_	Operating temperature	-25-50°C				
	Rated life hours	35000-50000H LM80				
_	LED chip	СОВ				

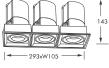
C€		IP20 IP54	220- 240V	30")	355°		*	
			Vo l tage	Tilt	Rotation	190x190mm	URG<19	Adjustab l e

OPT	10NS
1	Non-D I M
2	0/1 - 10V
3	DALI













EM-04SF0430-04

EM-03SF0330-03 EM-02SF0230-02

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Part Number	EM-02SB0230-02
	Power 2x10W 2x12W 2x15W 2x20W 2x30W
	Beam angle 15°/25°/38°/60°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90Im/W
	Color rendering index ≥90
	Operating temperature -25-50°C
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 💩 🗆	P20 200 007 3357 If

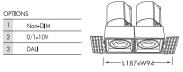


Part Number		EM-03SB0330-03	
		Power	3x10W 3x12W 3x15W 3x20W 3x30W
		Beam ang l e	15°/25°/38°/60°
		Color temperature	2700K/3000K/3500K/4000K
		Light efficiency	90 l m/W
		Color rendering index	≥90
		Operating temperature	-25-50°C
		Rated life hours	35000-50000H LM80
		LED chip	СОВ
(E 🙆		IP20 220- 30° 355° Voltage Tilt Rotation	287x97mm URG<19 Adjustable

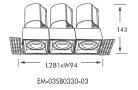


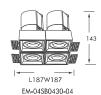
Part Number	EM-04SB0430-04	
	Power	4x10W 4x12W 4x15W 4x20W 4x30W
_	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ

C€	<u> </u>		IP20 IP54			355° CO Rotation	192x192mm	⊚ * URG<19	Adjustab l e	
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COLOUR BK ■ WH□



Lightning

Versatile design of flexible adjustment
Pull-out and Push-in structure, aesthetic appearance
Flexible adjustable luminaires can be pulled out and locked at the
-desired length
Anti-glare
No-flicker



Part Nu	ımber	EM-05LR0010-01		
Ø 62		Power	7W	
	-	Beam ang l e	15°/25°/38°/60°	
866		Color temperature	2700K/3000K/3500K/4000K	
	6	Light efficiency	90 l m/W	
		Color rendering index	≥90	
	-	Operating temperature	-25-50°C	
		Rated life hours	35000-50000H LM80	
Ø35		LED chip	COB	



Part Number		EM-05LR0210-02					
		Power		2x7W			
		Beam ang l e		15°/25°/38°/60° 2700K/3000K/3500K/4000K			
		Color temperature					
		Light efficiency		90 l m/W			
		Color rendering ind	lex	≥90			
		Operating temperat	ture	-25-50°C			
		Rated life hours		35000-50000H LM80			
		LED chip		СОВ			
(€ 💩		P20	355"	©			

Voltage Tilt Rotation 126x65mm URG<10 Adjustable



Part Nu	ımber	EM-05LR0012-01	
. Ø84 .		Power	7W 10W 12W
- 04 -	-	Beam angle	15°/25°/38°/60°
AFFAMMAN AFFA		Color temperature	2700K/3000K/3500K/4000K
1	04	Light efficiency	90lm/W
		Color rendering index	≥90
1/ 2/ -	_	Operating temperature	-25-50°C
76		Rated life hours	35000-50000H LM80
V Ø 47	7	LED chip	СОВ
C€	& 🗆	P20	75mm URG<10 Adjustable



Part N	Number		EM-05LR	0212-	02					
			Power				2x7W 2x10W 2x12W			
			Beam angle				15°/25°/38°/60°			
			Co l or ter	nperat	ure		2700K/3000K/3500K/4000K			
			Light effi	ciency			90 l m/W			
			Co l or re	ndering	g index		≥90			
			Operatir	ıg tem	perature		-25-50℃			
		Rated life hours				35000-50000H LM80				
			LED chip				СОВ			
c€	<u></u>	IP20 IP54	220- 2407 Voltage	"∮ Tilt	355° Contaction	178x88mm	URG<10	Adjustable		



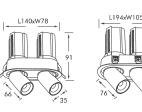
Part Number	EM-05LR0020-01			
.ø110 .	Power	7W 10 12W 15W 20W		
	Beam ang l e	15°/25°/38°/60°		
Approximation 1	Color temperature	2700K/3000K/3500K/4000K		
128	Light efficiency	90 l m/W		
	Color rendering index	≥90		
1/ 2/ -	Operating temperature	-25-50℃		
105	Rated life hours	35000-50000H LM80		
> €ø64	LED chip	СОВ		
CC 🙈 🗔	IP20 220- 90°, 355°			



Part Number	EM-05LR0220-02			
	Power	2x10 2x12W 2x15W 2x20W		
	Beam angle	15°/25°/38°/60°		
	Color temperature	2700K/3000K/3500K/4000K		
	Light efficiency	90lm/W		
	Color rendering index	≥90		
	Operating temperature	-25-50 ℃ 35000-50000H LM80		
	Rated life hours			
	LED chip	COB		
ce 🙆 🗆	F20	mm URG<10 Adjustable		

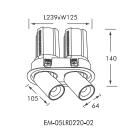


OPI	1 ONS
1	Non-DIM
2	0/1 - 10V
3	DAL



EM-05LR0212-02

EM-05LR0210-02



PARAMETER:7W 25° 3000	OK Ra90)	
	H(m)	E(Ix)	D(m)
60.	1	21 <mark>2</mark> 9	0.50
	2	532	1.00
() 	3	237	1.50
30° 30°	4	<133>	2.00
2300 00/180	5	85	2.50
IMAX:2130 CD — C90/270 AVERAGE BEAM ANGLE 505 :25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

PARAMETER:12W 25° 3000K Ra90							
13 N EH	H(m)	E(Ix)	D(m)				
60°	1	30 <mark>2</mark> 8	0.50				
X//###	2	757	1.00				
200	3	336	1.51				
30°	4	189	2.01				
3900 C0/180	5	C121	2.51				
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE[50%]:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER				

ARAMETER: 15W 25° 3000K Ra90								
	H(m)	E(Ix)	D(m)					
700	3	378	1.50					
X / Hotel ()	4	213	2.00					
200	5	136	2.51					
0° 2800 30°	6	95	3.01					
3300 G0/180	7	69	3.51					
MAX:3402 CD — C90/270 VERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER					

COLOUR BK ■ WH□

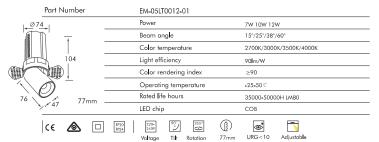


Part Number	EM-05LT0010-01		
Ø 53	Power	7W	
' — ·	Beam angle	15°/25°/38°/60°	Ī
Taxabata and taxab	Color temperature	2700K/3000K/3500K/4000K	
86	Light efficiency	90lm/W	Ī
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	Ī
66	Rated life hours	35000-50000H LM80	
× 35	LED chip	COB	Ī



Part N	umber			EM-05LT	0210-0)2				
				Power				2x7W		
		_		Beam angle				15°/25°/38°/60°		
				Co l or ten	nperati	ıre		2700K/3000	K/3500K/4000K	
				Light effic	iency			90lm/W		
				Co l or rer	dering	index		≥90		
		_		Operatin	g temp	erature		-25-50°C		
				Rated life	hours			35000-5000	0H LM80	
				LED chip				СОВ		
C€			IP20 IP54	220- 240v Voltage	" Tilŧ	355° Rotation	(§) 129x69mm	URG<10	Adjustable	







Part Number			EM-05LT	0212-	02					
			Power				2×7W 2×10	W 2x12W		
			Beam ar	Beam angle			15°/25°/38°/60°			
	_		Color ter	nperat	ure		2700K/300	2700K/3000K/3500K/4000K		
			Light effi	ciency			90 l m/W			
	_		Color re	ndering	g index		≥90			
			Operatir	g tem	perature		-25-50°C			
			Rated life hours					00H LM80		
			LED chip				COB			
(€ 💩		IP20 IP54	220- 240V Vo l tage	75.) Tilt	355° ⊕ Rotation	(f) 180x92mm	o * URG<10	Adjustable		



Part Number	EM-05LT0020-01		
. Ø92 .	Power	7W 10 12W 15W 20W	
	Beam ang l e	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
127	Light efficiency	90lm/W	
105	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
64	LED chip	СОВ	

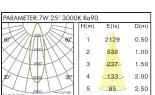
©

97mm URG<10 Adjustable

Voltage Tilt Rotation



Part N	umber		EM-05LT0220-02
			Power 2x10 2x12W 2x15W 2x20W
		_	Beam angle 15°/25°/38°/60°
		_	Color temperature 2700K/3000K/3500K/4000K
		_	Light efficiency 90 I m/W
			Color rendering index ≥90
		_	Operating temperature -25-50℃
			Rated life hours 35000-50000H LM80
			LED chip COB
C€	<u> </u>		



DADAMETER 10M OSS 200	00K D (20	
PARAMETER: 12W 25° 30	H(m)	E(Ix)	D(m)
500	1	3028	0.50
1400	2	757	1.00
2700	3	336	1.51
30° 2900 30°	4	189	2.01
IMAX:3079 CD 3800 C0/180	5	< 121 >	2.51
AVERAGE BEAM ANGLE[50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

(€ 🙆 🗆 IP20 IP54

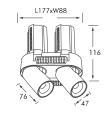
PARAMETER: 15W 25° 300	OK Ras	20	
# \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	H(m)	E(Ix)	D(m)
90° \ 700°	3	3 <mark>7</mark> 8	1.50
X/ H100H	4	213	2.00
2100	5	136	2.51
20° A 2800 A 30°	6	95	3.01
3000 00/180	7	69	3.51
MAX:3402 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

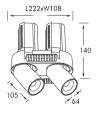
OPTIONS

1 Non-DIM
2 0/1-10V
3 DAII

L126xW65

EM-05LT0210-02

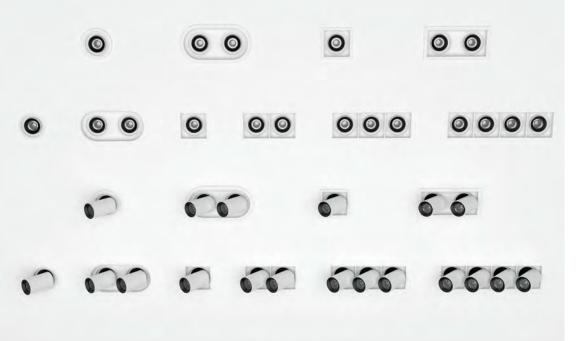




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COLOUR BK ■ WH□

EM-05LT0212-02 EM-05LT0220-02





Part Number	EM-05LS0010-01	
⁶⁴	Power	7W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
94	Light efficiency	90 l m/W
	Color rendering index	≥90
66 35	Operating temperature	-25-50 °C
	Rated life hours	35000-50000H LM80
À. 22	LED chip	СОВ



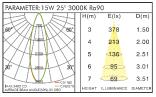
Part Number	EM-05LS0012-01	
85	Power	7W 10W 12W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
116	Light efficiency	90 l m/W
	Color rendering index	≥90
76	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
47	LED chip	СОВ



Part Number	EM-05LS0020-01	
105	Power	7W 10 12W 15W 20W
	Beam ang l e	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
144	Light efficiency	90 l m/W
	Color rendering index	≥90
106	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
- 64 —	LED chip	COB

PARAMETER:7W 25° 3000K Ra90					
+3 N RH	H(m)	E(lx)	D(m)		
60°	1	2129	0.50		
X / Hadcol	2	532	1.00		
1500	3	237	1.50		
2000 30°	4	<133>	2.00		
2500 COV180	5	< 85	2.50		
MAX:2130 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER		

PARAMETER: 12W 25° 3000K Ra90				
13/A	H(m)	E(Ix)	D(m)	
60° 70° 60°	1	3028	0.50	
1400	2	757	1.00	
2100	3	336	1.51	
30° / 2000/ 30°	4	189	2.01	
3500 C0/180	5	(121)	2.51	
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER	



COLOUR BK ■ WH□



Part Number	EM-05LS0210-02		
	Power	2x7W	
	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	

















Part Number	EM-05LS0212-02		
	Power	2x7W 2x10W 2x12W	
	Beam ang l e	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	





















Part Number	EM-05LS0220-02		
	Power	2×10W 2X12W 2X15W 2X20W	
_	Beam ang l e	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	















OPT**I**ONS Non-DIM

0/1-10V DAL

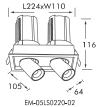












COLOUR BK ■ WH□



92

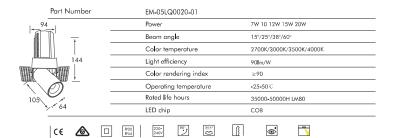


Part Number	EM-05LQ0010-01		
54	Power	7W	_
	Beam ang l e	15°/25°/38°/60°	
tion and the second	Color temperature	2700K/3000K/3500K/4000K	
94	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
66	Rated life hours	35000-50000H LM80	
35	LED chip	СОВ	

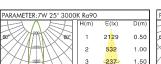


Part Number	EM-05LQ0012-01		
74	Power	7W 10W 12W	
	Beam angle	15°/25°/38°/60°	
MANAGAMAN TANASAM	Color temperature	2700K/3000K/3500K/4000K	
116	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
76	Rated life hours	35000-50000H LM80	
47	LED chip	СОВ	





Voltage Tilt Rotation 97x97mm URG<19 Adjustable



2.00

5 85 2.50
HEIGHT ILLUMINANCE DIAMETER

PARAMETER:12W 25° 30	0	OK Ras	70	
HAND		H(m)	E(Ix)	D(m)
50° 700 80°		1	30 <mark>2</mark> 8	0.50
X / 1400		2	757	1.00
2100		3	336	1.51
30° 30°		4	189	2.01
3800 C0/180		5	C121>	2.51
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG		HEIGHT	ILLUMINANCE	DIAMETER

PARAMETER: 15W 25° 300	OK Ras	0	
HANK	H(m)	E(Ix)	D(m)
60°	3	3 <mark>7</mark> 8	1.50
X// /**// X	4	213	2.00
2300	5	136>	2.51
20° \ 2800 \ 30°	6	95	3.01
C0/180	7	C 69	3.51
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE[505]:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

COLOUR BK ■ WH□



Part Number	EM-05LQ0210-02	
	Power	2×7W
	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50 C
	Rated life hours	35000-50000H LM80
	LED chip	COB



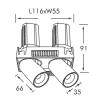
Part Number	EM-05LQ0212-02		
	Power	2x7W 2x10W 2x12W	
	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	

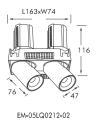


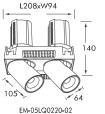
Part Number	EM-05LQ0220-02		
	Power	2x10W 2X12W 2X15W 2X20W	
_	Beam ang l e	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	











COLOUR BK ■ WH□ | EM-05LQ0210-02 EM-05LQ0212-02 EM-05LQ0220-02



Part Number	EM-05LG0210-02		
	Power	2x7W	
	Beam ang l e	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	COB	





Part Number	EM-05LQ0310-03	EM-05LQ0310-03	
	Power	3x7W	
_	Beam ang l e	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	



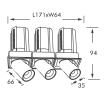


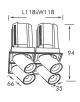
Part Number	EM-05LQ0410-04		
	Power	4x7W	
	Beam ang l e	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	











EM-05LG0210-02 EM-05LQ0310-03 EM-05LQ0410-04 COLOUR BK ■ WH□ |



Part Number	EM-06LG0212-02	
	Power	2x7W 2x10W 2x12W
_	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ



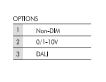
Part Number	EM-06LQ0312-03	
	Power	3X7W 3x10W 3x12W
	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
_	Rated life hours	35000-50000H LM80
	LED chip	COB

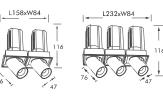
CE		IP20 IP54	220- 240V	90,	355°		•	7	
			Voltage	Tilt	Rotation	222v75mm	LIRG<19	Adjustable	



Power Beam angle	4x7W 4x10W 4x12W 15°/25°/38°/60°
	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB
	Light efficiency Color rendering index Operating temperature Rated life hours









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EM-06LG0212-02 EM-06LQ0312-03 EM-06LQ0412-04

COLOUR BK ■ WH□



Part Number	EM-05LG0220-02	
	Power	2x10W 2x12W 2x15W 2x20W
_	Beam angle	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
	LED chip	COB



















Part Number	EM-05LQ0320-03		
_	Power	3x10W 3x12W 3x15W 3x20W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	























_	
Power 4x10W 4x12W 4x15W 4x20W	
Beam angle 15°/25°/38°/60°	
Color temperature 2700K/3000K/3500K/4000K	
Light efficiency 90 l m/W	
Color rendering index ≥90	
Operating temperature -25-50 C	
Rated life hours 35000-50000H LM80	
LED chip COB	

















OPT**I**ONS Non-DIM 0/1-10V DAL





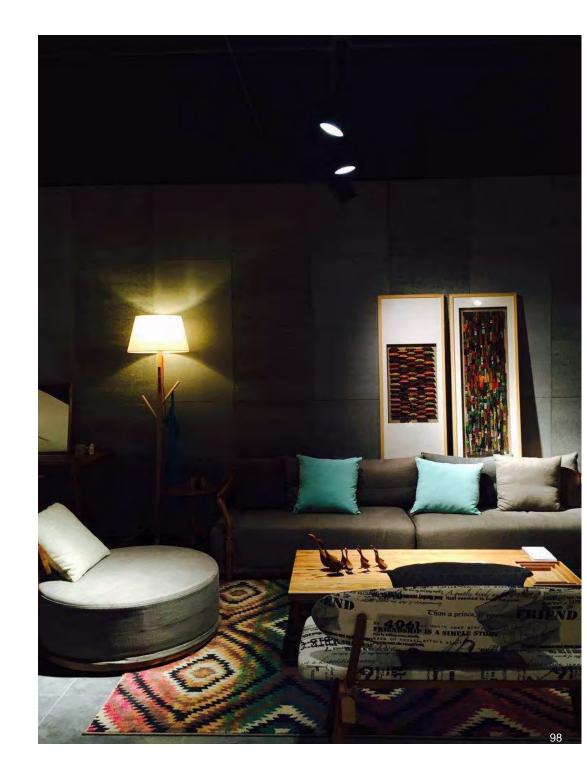


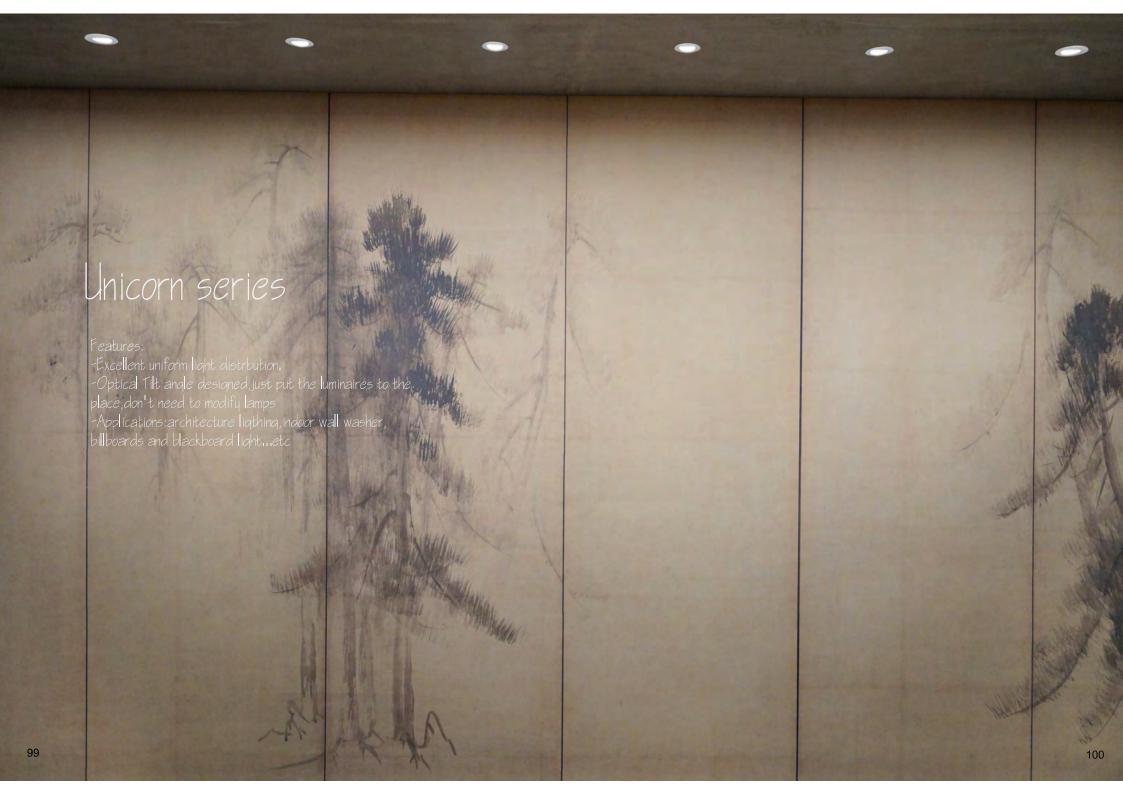
COLOUR BK ■ WH□ |

EM-05LQ0220-02

EM-05LQ0320-03

EM-05LQ0420-04







	Part Number	EM-06UN1012-01		
		Power	10W 12W	
_	_	Beam angle	Wa ll washer	
		Color temperature	2700K/3000K/3500K/4000K	
	70	Light efficiency	90 l m/W	
	⊋ ,⊥	Color rendering index	≥90	
I		Operating temperature	-25-50℃	
		Rated life hours	35000-50000H LM80	
		LED chip	СОВ	



Uniformity:68%(0.3m-2m);51%(0.3m-2.8m)

Side view

H:2.8m













It is recommended that the distance between the wall washer and the wall, as well as the distance between each lights, as shown in illustration.

Top view

d:0.7m





EM-06UN1020-01		
Power	12W 15W 20W	
Beam angle	Wa ll washer	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90 l m/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	СОВ	





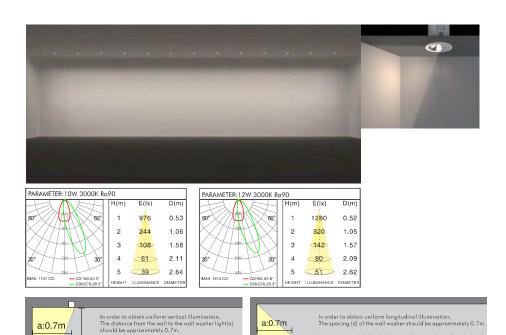


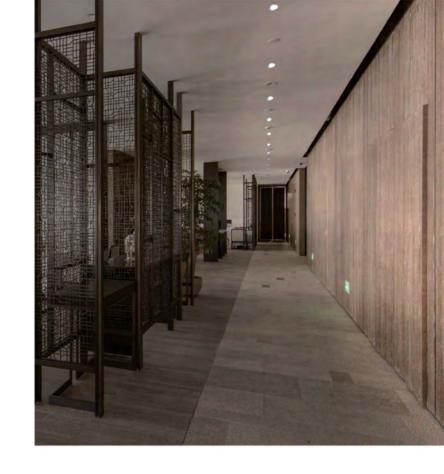






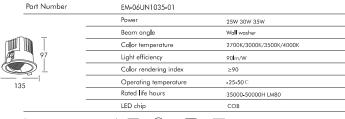
















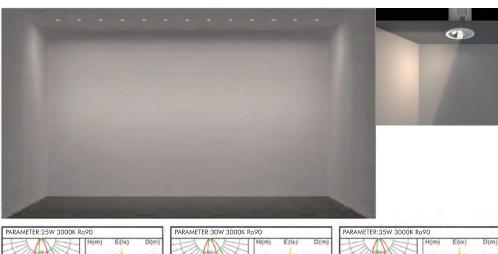


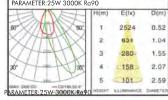


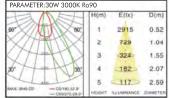


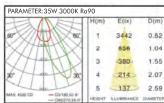


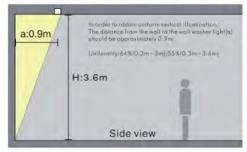














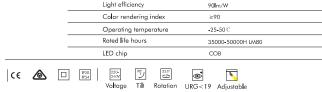


ALTRACK LIGHTING





Part Number	EM-08AL0115-01		
	Power	7W 10W 12W 15W	
	Beam ang l e	15°/25°/36°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	





Part Number	EM-08AL0120-01		
	Power	10W 12W 15W 20W	
	Beam ang l e	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	



Part Number	EM-08AL0130-01
	Power 15W 20W 25W 30W
	Beam angle 15°/25°/38°/60°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90lm/W
	Color rendering index ≥90
	Operating temperature -25-50 ℃
	Rated life hours 35000-50000H LM80
	LED chip COB
ce 🙆 [P20 P20

PARAMETER:7W 25° 3000			
+1	H(m)	E(Ix)	D(m)
560° 60°	1	2129	0.50
X / Hadd	2	532	1.00
1500	3	237	1.50
30° 30°	4	<133>	2.00
2500 C0/180	5	< 85 >	2.50
MAX:2130 CD C90/270 AVERAGE BEAM ANGLEISON:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

PARAMETER:12W 25° 30		90	
	H(m)	E(Ix)	D(m)
60°	1	30 <mark>2</mark> 8	0.50
	2	757	1.00
() + 200 + 1	3	336	1.51
30°	4	<189>	2.01
3700 C0/180	5	(121)	2.51
IMAX:3029 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETE

PARAMETER:15W 25° 300	OK Ras	90	
A A A	H(m)	E(Ix)	D(m)
60°	3	3 <mark>7</mark> 8	1.50
X / Husel X	4	213	2.00
1 200	5	136	2.51
200 / 30°	6	< 95 >	3.01
C0/180	7	C 69	3.51
IMAX:3402 CD — C90/270 AVERAGE BEAM AMCLE(50%):25 DEC	HEIGHT	ILLUMINANCE	DIAMETE

COLOUR BK ■ WH□



Part Number

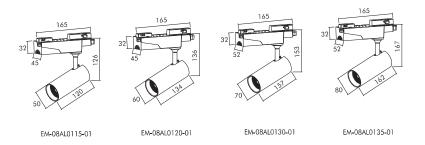
EM-08AL0135-01		
Power	20W 25W 30W 35W	
Beam ang l e	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 C	
Rated life hours	35000-50000H LM80	
LED chip	COB	

MO	DEL
1	Non-DIM
2	TRIAC
3	0/1 - 10V
4	DAL

SU	SUITABLE TRACK SYSTEM					
1	3-CIRCUITS DALI					
2	1-CIRCUITS DALI					
3	3-CIRCUITS					
4	1-CIRCUITS					

Е

ACCESSORIES



COLOUR BK ■ WH□ |



art Number	EM-08AL0115-02						
	Power	7W 10W 12W 15W					
_	Beam angle	15°/25°/36°/60°					
_	Color temperature	2700K/3000K/3500K/4000K					
	Light efficiency	90lm/W					
	Color rendering index	≥90					
_	Operating temperature	-25-50°C					
	Rated life hours	35000-50000H LM80					
	LED chip	СОВ					





Number	EM-08AL0120-02	
- - -	Power	10W 12W 15W 20W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB
A	□	T

C€		IP20 IP54	220- 240V	90	355°	©	
			Vo l tage	Tilt	Rotation	URG<19	Adjustab l e



Part Number	EM-08AL0130-02					
	Power 15W 20W 25W 30W					
	Beam angle 15°/25°/38°/60°					
	Color temperature 2700K/3000K/3500K/4000K					
	Light efficiency 90lm/W					
	Color rendering index ≥90					
	Operating temperature -25-50 ℂ					
	Rated life hours 35000-50000H LM80					
	LED chip COB					
ce 🕭 🗆	POD POD					



Number	EM-08AL0120-02						
	Power	15W 20W 25W 30W					
	Beam angle	15°/25°/38°/60°					
_	Color temperature	2700K/3000K/3500K/4000K					
	Light efficiency	90 l m/W					
_	Color rendering index	≥90					
	Operating temperature	-25-50 ℃					
	Rated life hours	35000-50000H LM80					
	LED chip	СОВ					
_ ^ _	1900 90° 355°						

LED chip						С	ОВ	
c€	<u> </u>		IP20 IP54	220- 240V Vo l tage	" Ti l t	Rotation	⊚ * URG<19	Adjustab l e

MC	MODEL					
1	Non-DIM					
2	TRIAC					
3	0/1-10V					
4	DAL					

SUIT	ABLE TRACK SYSTEM
1	3-CIRCUITS DALI
2	1-CIRCUITS DALI
3	3-CIRCUITS
4	1-CIRCUITS

DNEYCOME		•
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EM-08AL0115-02	EM-08AL0120-02	EM-08AL0130-02	EM-08AL0120-02
F= 0	Cim z		C= a _
6 //120	[]	/ //	/)/
50	60	0/157	162
		70	80

COLOUR BK ■ WH□ |



Part Number	EM-31AL0115-15	
	Power	7W 10W 12W 15W
_	Beam ang l e	15°/25°/36°/60°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	COB





Part N	lumber		EM-31AL0120-20
			Power 10W 12W 15W 20W
			Beam angle 15°/25°/38°/60°
			Color temperature 2700K/3000K/3500K/4000K
		_	Light efficiency 90lm/W
			Color rendering index ≥90
		_	Operating temperature -25-50 C
			Rated life hours 35000-50000H LM80
			LED chip COB
C€			P20 P32 P54 P54



Part Number	EM-3AZ0120-20	
	Power	12W 15W 20W
	Beam ang l e	15°60° Stepless zoomable
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	COB
CE 🕭 🗆		WRG<19 Adjustable



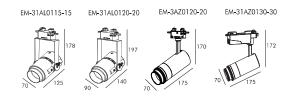
Part Number	EM-31AZ0130-30	
	Power	15W 20W 25W 30W
	Beam angle	15°60° Stepless zoomable
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	СОВ
A 5	[P20] [220- [90"] [355°]	

C€		IP20 IP54	220- 240V	90"	355°	©	
			Vo l tage	Tilt	Rotation	URG<19	Adjustab l e

MODEL				
1	Non-D i M			
2	TRIAC			
3	0/1-10V			
4	DAL			

SUI	SUITABLE TRACK SYSTEM		
1	3-CIRCUITS DALI		
2	1-CIRCUITS DALI		
3	3-CIRCUITS		
4	1-CIRCUITS		
-			

ACCESSORI	ES
•	HONEYCOME



COLOUR BK ■ WH□



Part Number		EM-26AC0115-20	
		Power	7W 10W 12W 15W
	_	Beam ang l e	15°/25°/36°/60°
		Color temperature	2700K/3000K/3500K/4000K
	_	Light efficiency	90lm/W
		Color rendering index	≥90
		Operating temperature	-25-50°C
		Rated life hours	35000-50000H LM80
		LED chip	COB
€ 🙆		P20 P0 S55 S55 Voltage Tilt Rotation	URG<19 Adjustable















Part Number		EM-26AC0120-20	
		Power	10W 12W 15W 20W
		Beam ang l e	15°/25°/38°/60°
		Color temperature	2700K/3000K/3500K/4000K
		Light efficiency	90 l m/W
		Color rendering index	≥90
	_	Operating temperature	-25-50°C
		Rated life hours	35000-50000H LM80
	_	LED chip	СОВ
C€ &			URG<19 Adjustable



Part Number	EM-26AC0130-20
	Power 15W 20W 25W 30W
	Beam angle 15°/25°/38°/60°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90 I m/W
	Color rendering index ≥90
	Operating temperature -25-50 ℂ
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🙆 🗓	

















Part Number	EM-26AC0135-20	
	Power	15W 20W 25W 30W 35W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	COB
(€ 🕭 🗆		URG<19 Adjustable























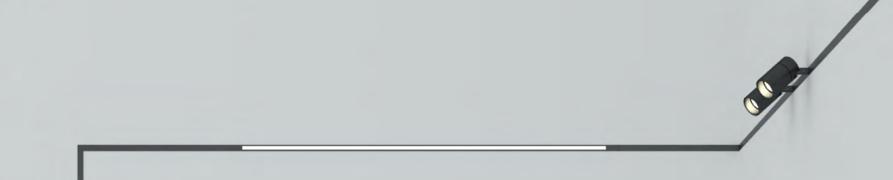






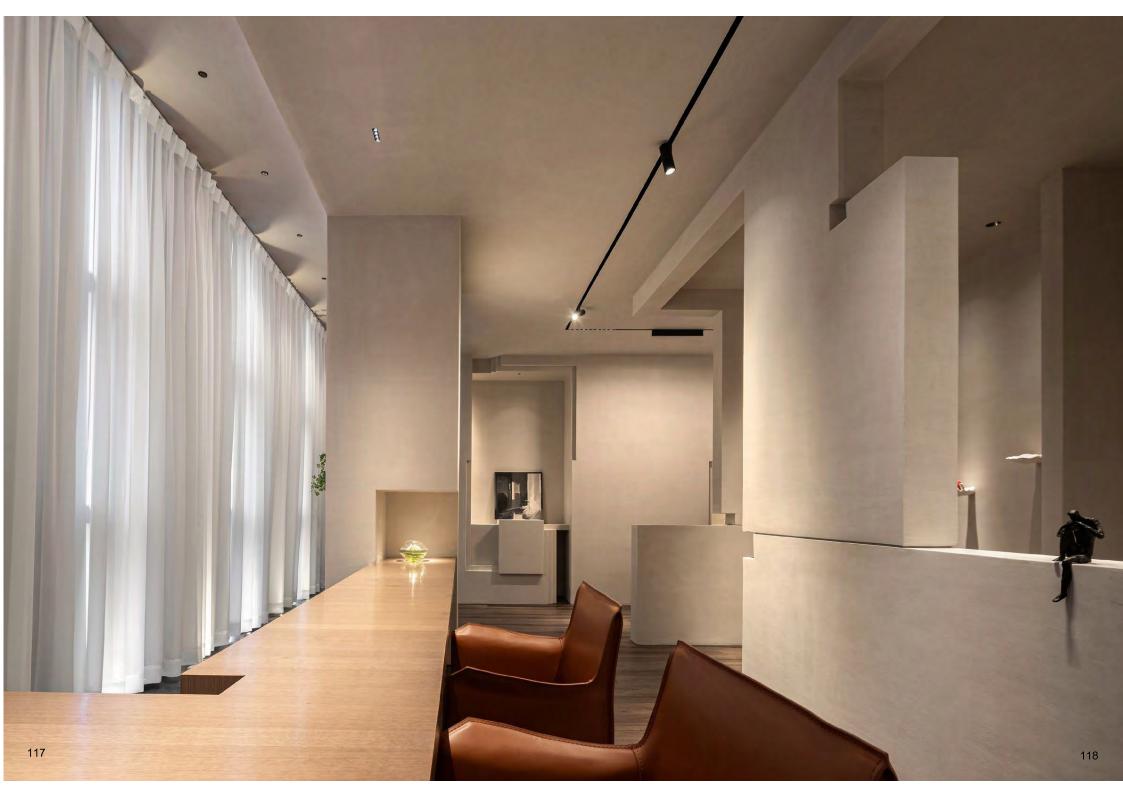
COLOUR BK ■ WH□

COLOUR BK ■ WH□



M20 Series

The system uses 48V low-voltage power supply, safe, efficient, energy-saving, conductive substrates using gold deposition technology, covering high conductive black carbon oil, with good effect and escellent performance; each optical module can use Bluetooth or DALI signal to carry out independent single-point control switch and dimming, to achieve a more systematic lighting scheme, a space can easily achieve basic lighting, key lighting, wall washing lighting, Bureau lighting, Department lighting and so on





M20A TRACK suspended indirect order installation track, light insets+mounting accessories separately

channel

channel

channel

channel corner*V90°

channel corner*L90°

channel corner*E90°

48V

OPTIONS

2000mm

3000mm

68x68

68x68

1 Non-DIM	
2 0/1-10V	
3 DALI	

INSTALLTION TRACK



L(mm) 1000mm











CONNECTOR SET









END	CAPS

TYPE	
end	caps(pair)

linear fiexible

CEILING FASTENER/CABLE SUSPENSION/CANOPY

TYPE	L (mm)	
ceiling fastener	20	
cable susp. (use every 1500mm	1500mm	

COLOUR BK ■ WH□



Description

Extruded aluminium profile with 26mm width groove; for wall-/ceiling surface mounting or suspended mounting (1500 mm cable suspension); height adjustment without tools; incl. black feed; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; surface spray powder black or white/black; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh

Quickinfo

GENERAL

surface, suspended

IP20

ELECTRICAL

NON DIM, DALI DIM, BLE MESH transparent feeder cable

PHYSICAL

aluminium

spray powder

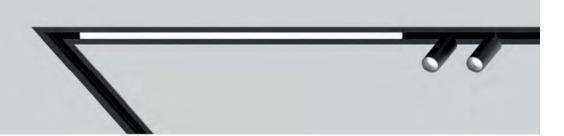
GRAPHIC LIGHT INSETS



GRILLE



MINI TRACK M26 B trim system



Quickinfo

GENERAL

recessed trimless

ELECTRICAL

NON DIM, DALI DIM , BLE MESH

PHYSICAL

aluminium

spray powder

GRAPHIC LIGHT INSETS



GRILLE



Description

Extruded aluminium profile with 26mm width groove; suitable for trim installation in plasterboard ceilings with each ceiling of various thickness; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; spray powder; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh control



M20B TRACK suspended indirect

order installation track, light insets+mounting accessories separately

OP.	TIONS
1	Non-DIM
2	0/1-10V
3	DAL



INSTALLTION TRACK





68x68









channel corner*V90°

channel corner*L90°

nannel		
nannel		
nannel		

68×68	channel corner*E90°



TYPE
Cable length 500mm

CONNECTOR SET		
YPE		
inear fiexible		

END CAPS

<u>TYPE</u>
end caps(pair)

COLOUR BK ■ WH□ |

MINI TRACK M26C trimless system



Quickinfo

GENERAL

recessed trimless IP20

ELECTRICAL

NON DIM, DALI DIM, BLE MESH

PHYSICAL

aluminium

spray powder

GRAPHIC LIGHT INSETS





Description

Extruded aluminium profile with 26mm width groove; suitable for trimless installation in plasterboard ceilings with each ceiling of various thickness; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; spray powder; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh control



M20C TRACK suspended indirect order installation track, light insets+mounting accessories separately

OPTIONS

1	Non-D I M
2	0/1-10V
3	DALI

INSTALLTION TRACK

1000mm 2000mm 3000mm

68x68

68x68

68x68









L(mm)

channel corner*E90°

channel

channel

channel

channel corner*V90°

channel corner*L90°

48V

POWER FEEDER UNIT

Cable length 500mm

CONNECTOR SET

linear fiexible

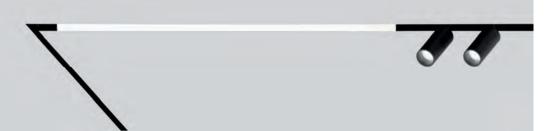
TYPE

END CAPS TYPE

end caps(pair)

COLOUR BK ■ WH□

MINI TRACK M26D trimless system



Quickinfo

GENERAL

recessed trimless IP20

ELECTRICAL

NON DIM, DALI DIM, BLE MESH

PHYSICAL

aluminium

spray powder

GRAPHIC LIGHT INSETS



GRILLE



Description

Extruded aluminium profile with 26mm width groove; suitable for trimless installation in plasterboard ceilings with each ceiling of various thickness; suitable for wall or ceiling mounting; designed for continuous lighting systems, 90° angle connectors for flexible system design; with integrated power track profile for take off of supply voltage and DALI signal; spray powder; can be installed flexibly and without tools by means of magnetic holders+locking; degree of protection IP 20; PC I / PC II (power supply) or PC III (light insets); either non dimmable, DALI or BLE Mesh control



MINI TRACK M20D Trimless order installation track, light insets+ mounting accessories separately

OPTIONS

1	Non-DIM
2	0/1 - 10V
3	DALI
4	BLE
5	ZIGBEE











channel	
channel	
channel	



100x100





100x100





100x100

channel corner*E90°







2x2,5 mm²/2x2,5 + 2x0,5 mm²/cable length 500 mm 2x2,5mm²/2x2,5 + 2x0,5mm²/cable length 2000mm

mechanical linear connector surface+suspended



CONNECTOR SET





CONNECTOR SET

END CAPS



end caps (pair)

MATERIAL COLOUR | BK ■

Spotlight insets



Power	5W
Beam ang l e	15°/25°/36°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90 l m/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	COB
	Color temperature Light efficiency Color rendering index Operating temperature Rated life hours





Part Number	EM-06ME0205-05				
	Power	2×5W			
	Beam ang l e	15°/25°/36°			
_	Color temperature	2700K/3000K/3500K/4000K			
	Light efficiency	90 l m/W			
_	Color rendering index	≥90			
	Operating temperature	-25-50°C			
_	Rated life hours	35000-50000H LM80			
	LED chip	СОВ			





Part Number	EM-06ME0812-12	E0812-12			
	Power	8W 12W			
_	Beam angle	15°/25°/36°			
_	Color temperature	2700K/3000K/3500K/4000K			
_	Light efficiency	90 l m/W			
_	Color rendering index	≥90			
	Operating temperature	-25-50°C			
_	Rated life hours	35000-50000H LM80			
_	LED chip	СОВ			
	LED chip	СОВ			

C€		IP20 IP54	487	905	355°	•	N
			Vo l tage	Tilt	Rotation	URG<19	Adjustab

Spotlight insets



ber	EM-06ME0208-08	EM-06ME0208-08					
	Power	2x8W					
	Beam angle	15°/25°/36°					
	Color temperature	2700K/3000K/3500K/4000K					
	Light efficiency	90 l m/W					
	Color rendering index	≥90					
	Operating temperature	-25-50°C					
	Rated life hours	35000-50000H LM80					
	LED chip	СОВ					

CE		IP20 IP54	48V	%°)	35.5°	©	N
			Voltage	Tilt	Rotation	URG<19	Adiustable



Part Number	EM-06ME0018-05		
	Power	18W	
	Beam angle	15°/25°/36°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	

CE		IP20 IP54	48V	90)	355°	©	T	
			Voltage	Tilt	Rotation	URG<19	Adjustable	

OPTIONS						
1	Non-D I M					
2	0/1 - 10V					
3	DALI					

EM-06ME0005-05	EM-06ME0205-05	EM-06ME0812-12	EM-06ME0208-08	EM-06ME0018-05
184	184	184	184	184
35	6/6//80	6// ₁₀₀	6/6//100	6 //120

colour | bk ■ wh □ | material | �� al |

COLOUR | BK ■ WH □ | MATERIAL | �� AL |

Spotlight insets

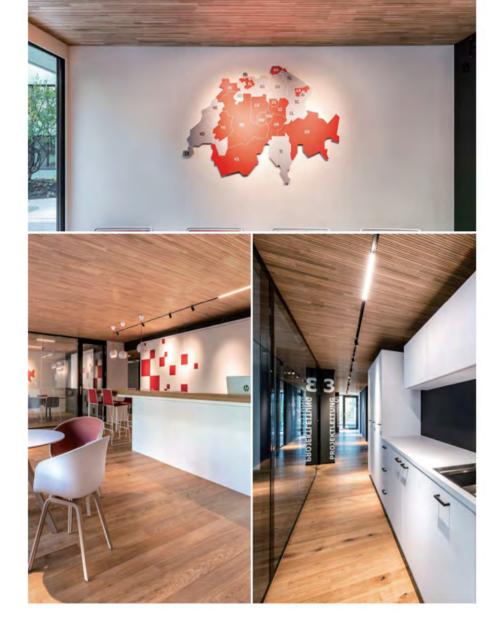


art Number	EM-06ME0025-05		
	Power	20W 25W	
	Beam angle	15°/25°/36°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	



ОРП	ONS	
1	Non-D I M	
2	0/1 - 10V	
3	DALL	





COLOUR | BK ■ WH □ | MATERIAL | �� AL |

Spotlight insets



Part Number	EM-07ME0008-01		
	Power	8W	
•	Beam angle	15°/25°/36°	
	Color temperature	2700K/3000K/3500K/4000K	
•	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	





Part Number	EM-07ME0015-01		
	Power	15W	
_	Beam angle	15°/25°/36°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	





Part Number	EM-07ME0005-02	
	Power	8W
_	Beam angle	100°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
_	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
	LED chip	SMD

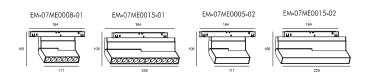
COLOUR | BK ■ WH □ | MATERIAL | �� AL |



Part Number	EM-07ME0015-02	
	Power	5W
_	Beam angle	100°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	SMD

lc€		IP20 IP54	48V	90°)	355*	•	N	
			Voltage	Tilt	Rotation	URG<19	Adjustable	

OP.	TIONS
1	Non-DIM
2	0/1 - 10V
3	DALI



|--|



Part Number	EM-07MN0010-01	
	Power	10W
_	Beam ang l e	15°/25°/36°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
_	Operating temperature	-25-50℃
_	Rated life hours	35000-50000H LM80
_	LED chip	SMD















Part Number	EM-07MN0015-01		
	Power	15W	
	Beam ang l e	15°/25°/36°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	













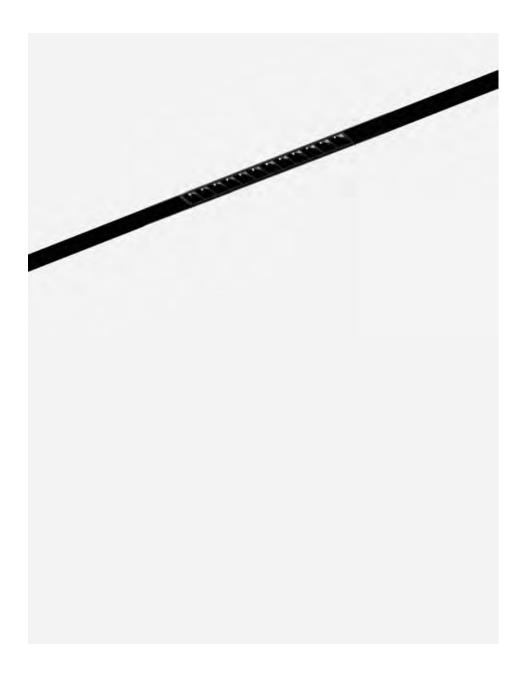




EM-07MN0015-01



COLOUR | BK ■ | WH □





Part Number	EM-07SM0010-01	
	Power	10W
	Beam angle	100°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD















Part Number	EM-07SM0020-01		
	Power	20W	
	Beam angle	100°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 ℃	
	Rated life hours	35000-50000H LM80	_
	LED chip	SMD	

















Part Number	EM-07SM0030-01	
	Power	30W
	Beam angle	100°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
_	Color rendering index	≥90
_	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD







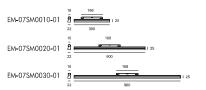


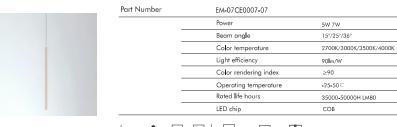














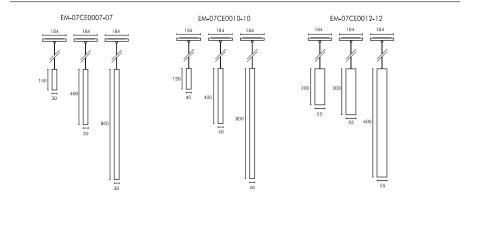
Part Number	EM-07CE0010-10		
	Power	5W 7W 10W	
	Beam angle	15°/25°/36°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



Part Number	EM-07CE0012-12		
	Power	5W 7W 10W 12W	
	Beam ang l e	15°/25°/36°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



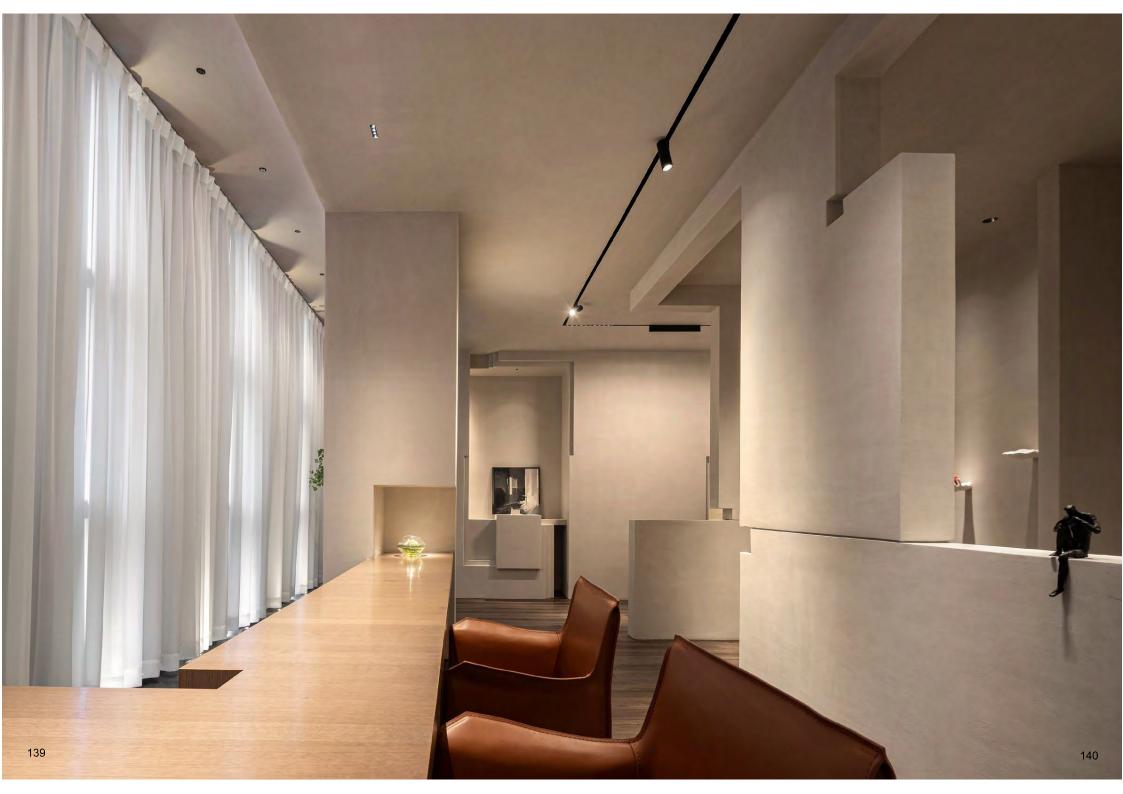
COLOUR | BK ■ | WH □ | GD □



Ø 40mm

Ø 55mm

Ø 30mm



PROTON series

Integrated lamp body design, siple, beautiful, depth anti glare, scientific ligthting, make the spot more uniform, realize the seamless connection between lamp and lamp





Power	Part Number	EM-09PR0112-01		
Color temperature 2700K/3000K/3500K/4000K Light efficiency 90tm/W Color rendering index ≥90 Operating temperature -25-50 °C Rated life hours 35000-50000H LM80		Power	7W 10W 12W	
Light efficiency 90tm/W Color rendering index ≥90 Operating temperature -25-50 °C Rated life hours 35000-50000H LM80		Beam ang l e	15°/25°/38°/60°	
Color rendering index ≥90 Operating temperature -25-50 °C Rated life hours 35000-50000H LM80		Color temperature	2700K/3000K/3500K/4000K	
Operating temperature -25-50 C Rated life hours 35000-50000H LM80		Light efficiency	90 l m/W	
Rated life hours 35000-50000H LM80		Color rendering index	≥90	
33001-3000011 EMBO	_	Operating temperature	-25-50°C	
LED chip COB		Rated life hours	35000-50000H LM80	
	_	LED chip	СОВ	













EM-09PR0140-01	
Power	20W 25W 30W 35W 40W
Beam angle	15°/25°/38°/60°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90 l m/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	СОВ
	Power Beam angle Color temperature Light efficiency Color rendering index Operating temperature Rated life hours















Part Number	EM-09PR0120-01		
	Power	10W 12W 15W 20W	
	Beam ang l e	15°/25°/38°/60°	
-	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















Part Number	EM-09PR0150-01	
	Power	20W 25W 30W 35W 40W 50W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB
(€ 🕭		















Part Number	EM-09PR0130-01		
	Power	12W 15W 20W 25W 30W	
_	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	COB	













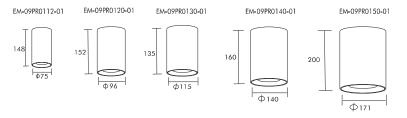


PARAMETER: 7W 25° 3000	K Ra90)	
	H(m)	E(Ix)	D(m)
60°	1	21 <mark>2</mark> 9	0.50
	2	532	1.00
1500	3	237	1.50
30° / 30°	4	133	2.00
2500 C0/180	5	85	2.50
IMAX:2130 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

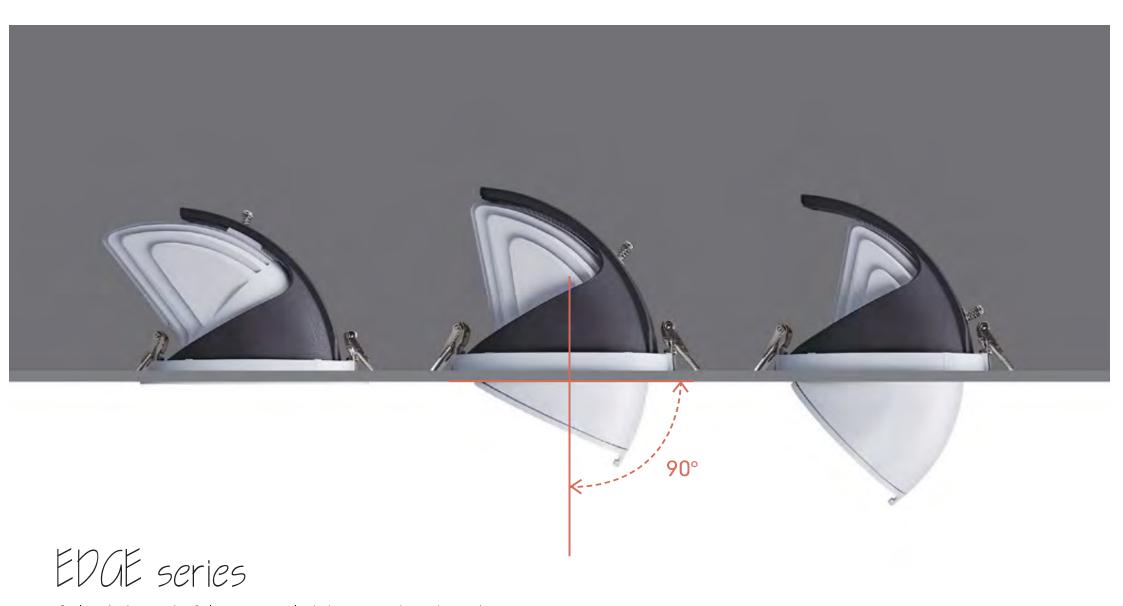
PARAMETER: 12W 25° 300	OK Ras	90	
	H(m)	E(Ix)	D(m)
60°	1	3028	0.50
1400	2	757	1.00
200	3	336	1.51
30° 2800 30°	4	189	2.01
3500 C0/180	5	121	2.51
MAX:3029 CD — C90/270 AVERAGE BEAM ANGLE[50%]:25 DEG	HEIGHT	ILLUMINANCE	DIAMETER

PARAMETER: 15W 25° 3000K Ra90					
13 N RH	H(m)	E(Ix)	D(m)		
60° 80°	3	3 <mark>7</mark> 8	1.50		
X / / / / / / / / / / / / / / / / / / /	4	213	2.00		
200	5	136	2.51		
30° A 2000 A 30°	6	95	3.01		
CO/180	7	69	3.51		
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER		

COLOUR BK ■ WH□



COLOUR BK ■ WH□ |



The lamp body is made of aluminum material, which generates heat when working.

The aluminum lamp body conducts heat and uses various air streams for efficient heat dissipation, and has a longer service life. The recflective cup is made of plastic reflective cup with more accurate light control. It has good light concentration and light is not scattered. After many times of focusing test, the light spot effect is high and the light effect is excellent



Part Number	EM-10ED0112-03	
	Power	7W 10W 12W
_	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
_	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ























Part Number	EM-10ED0115-03	
	Power	10W 12W 15W
_	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
_	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB





















art Number	EM-10ED0125-03		
	Power	15W 20W 25W	
	Beam ang l e	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	









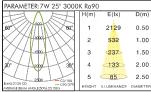


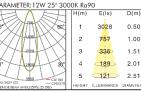


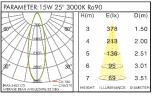




	· ·	Voltage	Till	Rotation	110mm	
	PARAMETER:12W 25° 300	0K Ra90)		PARAME	TE
D(m)		H(m)	E(Ix)	D(m)	#	_
0 50	coat ///////// Xeno		0000	0 = 0	F / /	' //







COLOUR BK ■ WH□ |



Part Number	EM-10ED0130-03	
	Power	20W 25W 30W
_	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
_	LED chip	COB















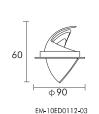


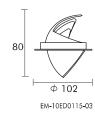


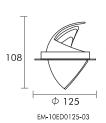


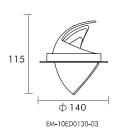


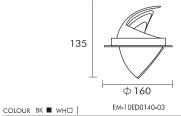
Part Number	EM-10ED0140-03
	Power 30W 35W 40W
	Beam angle 15°/25°/38°/60°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90Im/W
	Color rendering index ≥90
	Operating temperature -25-50 ℃
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🙆 🗓	The last of the la











Ascendant







Part Number	EM-11AS0110-05		
	Power	7W 10W	
_	Beam angle	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	























Part Number	EM-11AS0115-05	
	Power	10W 12W 15W
_	Beam ang l e	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
_	Operating temperature	-25-50 °C
	Rated life hours	35000-50000H LM80
_	LED chip	COB









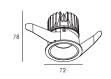








1	Non-DIM
2	TRIAC
3	0/1 - 10V
4	DALI
5	BLE
6	ZIGBEE





EM-11AS0110-05

EM-11AS0115-05

COLOUR BK ■ WH□ |





art Number	EM-20MA0026-12		
	Power	2W	
	Beam ang l e	15° 25° 60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
	LED chip	SMD	















Part Number	EM-20MA0035-12		
	Power	3W	
	Beam angle	15° 25° 50°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	















Part Number	EM-20MA0050-12		
	Power	5W	
_	Beam ang l e	15° 25° 45°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	













Part Number	EM-20MA0060-12	
	Power	8W
_	Beam ang l e	20° 38°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
_	Color rendering index	≥90
_	Operating temperature	-25-50 °C
_	Rated life hours	35000-50000H LM80
_	LED chip	COB















Part Number	EM-20MA0070-12		
	Power	12W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	

























EM-20MA0026-12 EM-20MA0035-12 EM-20MA0050-12 EM-20MA0060-12 EM-20MA0070-12

COLOUR BK ■ WH□ | Chrome







Part Number	EM-19MA0050-11		
	Power	5W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















Part Number	EM-19MA0060-11		
	Power	9W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	COB	















Part Number	EM-19MA0075-11		
	Power	7W 9W 12W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 i m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	

















Part Number	EM-19MA0090-11		
	Power	12W 15W 20W	
	Beam ang l e	15° 25° 38°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	COB	















art Number	EM-19MA0120-11		
	Power	20W 25W 30W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



















1	Non-DIM
2	TRIAC
3	0/1-10V
4	DAL











EM-19MA0050-11 EM-19MA0060-11 EM-19MA0075-11

EM-19MA0090-11

EM-19MA0120-11

COLOUR BK ■ WH□ | Chrome







Part Number	EM-30SW000-01	
	Power	6W
	Beam angle	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
	LED chip	СОВ















Part Number	EM-30SJ0009-01	
	Power	7W 9W
	Beam ang l e	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	СОВ

















Part Number	EM-30SJ0006-01
	Power 6W
	Beam angle 15°/25°/38°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90lm/W
	Color rendering index ≥90
	Operating temperature -25-50 ℃
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🕭 🗆	

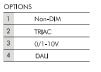


Part Number	EM-30SW009-01		
	Power	7W 9W	
	Beam ang l e	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















EM-30SW000-01 EM-30SJ0006-01 EM-30SW009-01 EM-30SJ0009-01









Part Number	EM-31WD0015-25	
	Power 7W 1	0W 12W 15W
	Beam angle 15°/2	25°/38°/60°
	Color temperature 2700	K/3000K/3500K/4000K
	Light efficiency 90lm	/W
	Color rendering index ≥90	
	Operating temperature -25-5	50°C
	Rated life hours 3500	0-50000H LM80
	LED chip COB	
(E 🙆 🗆	1920 1954 240V 30°	7

Voltage Tilt Ø 55mm URG<10 Adjustable



Part Number	EM-31WT0015-28	
	Power	7W 10 12W 15W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	СОВ
(€ 🙆 [] [P20] [220- [P54] [240v] [30°] [[]	i

Voltage Tilt Ø84mm URG<10 Adjustable



Part Number			EM-31WD0015-26	
			Power 7W 10W 12W 15W	
			Beam angle 15°/25°/38°/60°	
			Color temperature 2700K/3000K/3500K/4000K	
		_	Light efficiency 90lm/W	
			Color rendering index ≥90	
		_	Operating temperature -25-50 C	
			Rated life hours 35000-50000H LM80	
			LED chip COB	
c€			P20 200 200 200 200 200 200 200 200 200	



OPTIONS

Non-DIM TRIAC 0/1-10V DAL





EM-31WD0015-25 EM-31WD0015-26 EM-31WT0015-27 EM-31WT0015-28





Part Number	EM-31WT0015-27	
	Power	7W 10 12W 15W
	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	СОВ
(é	IP20	*

Voltage Tilt Ø64mm URG<10 Adjustable

COLOUR BK ■ WH□ | Black Gold Chrome



COLOUR BK ■ WH□ | Black Gold Chrome







Square



0

EM-12DP0090-06



EM-12DP0145-06

\$\times 145\$
15°/25°/38°/60°



EM-12DP0125-06



EM-12DP0165-06

\$\infty\$ 165 15°/25°/38°/60°



EM-12DPS0090-06

✓ 90x90 15°/25°/38°/60°



EM-12DPS0145-06

▼ 145x145 15°/25°/38°/60°



EM-12DPS0125-06

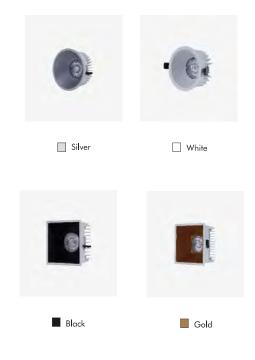
∞ 125x125 15°/25°/38°/60°

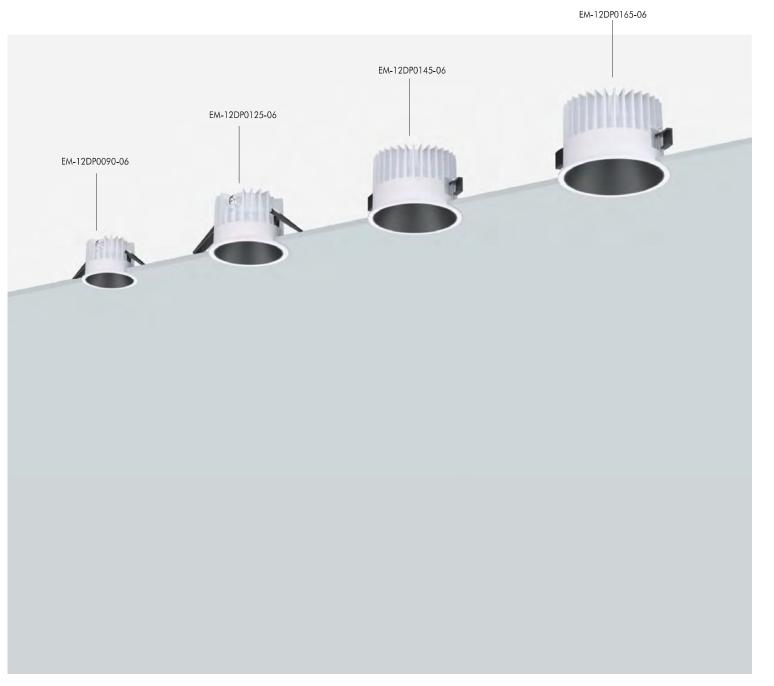


EM-12DP\$0165-06

165x165

15°/25°/38°/60°







Part Number	EM-12DP0090-06		
	Power	7W 10W 12W 15W	
	Beam angle	15°/25°/36°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



Part Number











art Number	EM-12DP0165-06		
	Power	20W 25W 30W 35W 40W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















EM-12DP0125-06

Power	10W 12W 15W 20W 25W	
Beam angle	15°/25°/38°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50℃	
Rated life hours	35000-50000H LM80	
LED chip	COB	















Part Number	EM-12DP0145-06		
	Power	15W 20W 25W 30W	
_	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	



1.00

237 1.50

133 2.00 5 85 2.50



PARAMETER:12W 25° 3000K Ra90



LED chip







⊚`	
SR<19	Fixed

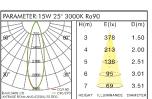
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1.51 2.01

(121) 2.51

СОВ





OPTIONS

1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALI







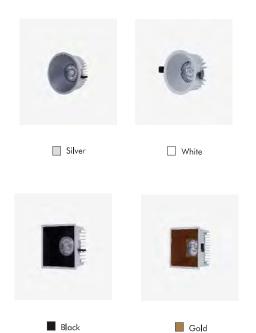
EM-12DP0125-06

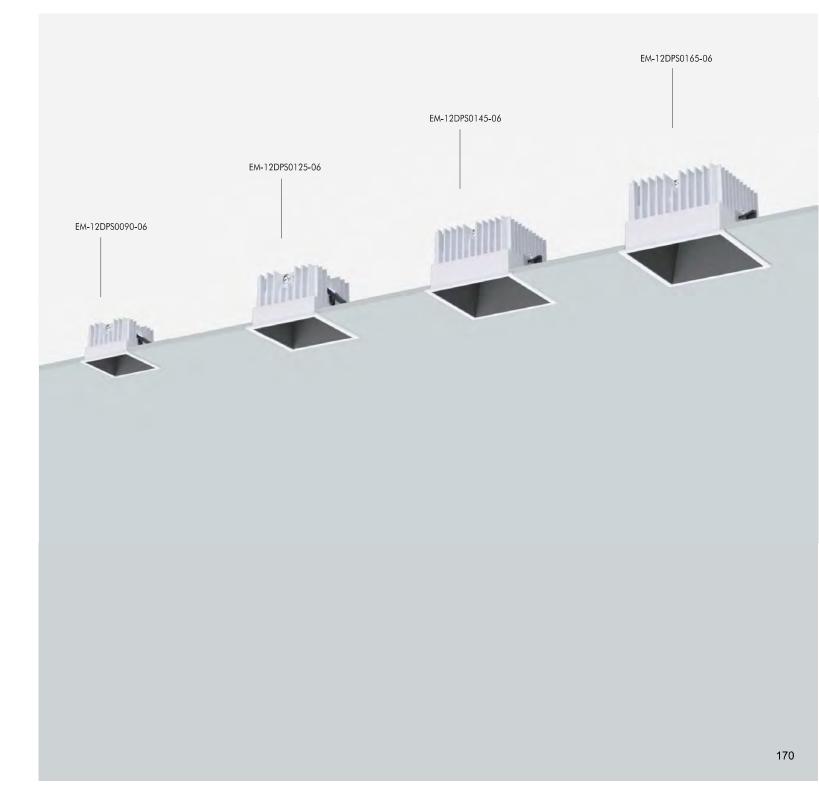


EM-12DP0145-06



EM-12DP0165-06







Part Number	EM-12DPS0090-06		
	Power	7W 10W 12W 15W	
	Beam ang l e	15°/25°/36°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	









Part Number	EM-12DPS0125-06		
	Power	10W 12W 15W 20W 25W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 i m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	COB	

















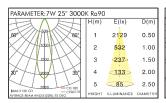


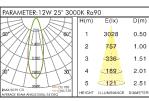
Part Number	EM-12DPS0145-06		
	Power	15W 20W 25W 30W	
_	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	





<u></u>	IP20 IP54		220- 240V		©	4
	 _	1	Voltage	145x145mm	UGR<19	Fixe





PARAMETER: 15W 25° 3000K Ra90				
#A/\$#	H(m)	E(Ix)	D(m)	
60°	3	3 <mark>7</mark> 8	1.50	
1400	4	213	2.00	
2100	5	136	2.51	
30° 2800 30°	6	95	3.01	
3300 C0/180	7	69	3.51	
IMAX:3402 CD — C90/270 AVERAGE BEAM ANGLE(50%):25 DEG	HEIGHT	ILLUMINANCE	DIAMETER	

COLOUR BK ■ WH□ |



art Number	EM-12DPS0165-06		
	Power	20W 25W 30W 35W 40W	
	Beam angle	15°/25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	













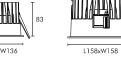


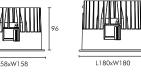






EM-12DPS0125-06





EM-12DPS0145-06

EM-12DPS0165-06





This series is maximum to control both the height and plare in 10-40 Watts, it creates the architectural possibility of having classic deep frame design in reasonable height.



Part Number	EM-18MA0075-10		
	Power	7W 9W 12W	
	Beam angle	15° 25° 38° 60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	COB	















art Number	EM-18MA0090-10		
	Power	10W 12W 15W 18W	
	Beam angle	15° 25° 38° 60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 ℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



















art Number	EM-18MA0125-10		
	Power	15W 20W 25W 30W	
	Beam ang l e	15° 25° 38° 60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	











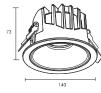


OP	OPIIONS		
1	Non-D I M		
2	TR I AC		
3	0/1-10V		

DAL







EM-18MA0075-10

EM-18MA0090-10

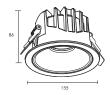
EM-18MA0125-10

COLOUR BK ■ WH□ | Chrome





rt Number	EM-18MA0140-10		
	Power	25W 30W 35W	
	Beam angle	15° 25° 38° 60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 i m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	

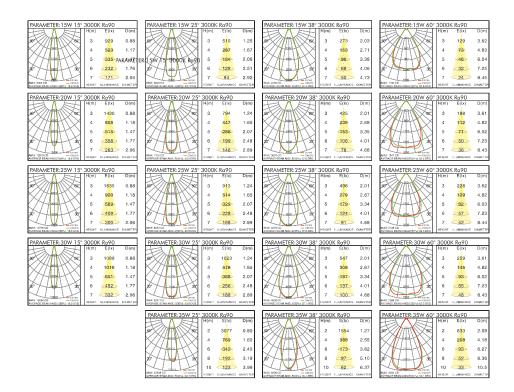


CE 📤 🗆 [P20]	221 241
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LIPPER

LIPPER is a super slimer slim downlight, with die-casting aluminum lamp body and larger SMD chips bring the luminare to higher level of high-temperature-resistant. Unltra-thin design, only 34mm, allows for minimal celling penetration. Tri-colour changeable design, warm white, neutral white and cool white for option







Part Number	EM-15LI0090-08		
	Power	9W	
	Beam ang l e	100°	
_	Co l or temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	













Part Number	EM-15LI0200-08	
	Power	20W 25W 30W
	Beam ang l e	100°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50 °C
	Rated life hours	35000-50000H LM80
	LED chip	SMD



OPTIONS

EM-15LI0090-08

Non-DIM TR**I**AC 0/1-10V DAL

EM-15LI0125-08







EM-15LI0160-08

EM-15LI0200-08



Part Number	EM-15LI0125-08		
	Power	10W 12W	
	Beam angle	100°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	



















Part Number	EM-15LI0160-08	
	Power	15W 20W 25W
	Beam angle	100°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	СОВ













CE 🙆 🗆 1920	220- 240V Voltage	(i) Ø 160mm	o * UGR<10	Fixed

COLOUR BK ■ WH□ |



Part Number	EM-16LI0095-09		
	Power	7W 9W 12W	
	Beam angle	90°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	













Part Number	EM-16LI0170-09	
	Power	20W 25W 30W
	Beam ang l e	90°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD















Part Number	EM-16LI0130-09		
	Power	10W 12W 15W	
	Beam ang l e	90°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	



















Part Number	EM-16LI0145-09		
	Power	12W 15W 20W	
	Beam ang l e	90°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	















Part Number EM-16LI0205-09

LIN TOLIOZOS O7		
Power	25W 30W 35W 40W	
Beam angle	90°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	SMD	















OPTIONS

	Non - D I M
	TRIAC
1	0/1-10V
ļ	DALI







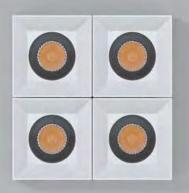




EM-16LI0095-09 EM-16LI0130-09 EM-16LI0145-09 EM-16LI0170-09

EM-16LI0205-09



















Part Number	EM-21LS0075-13		
	Power	7W 10W 12W	
	Beam angle	15° 25° 38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	













Part Number	EM-21LS0075-14		
	Power	7W 10W 12W	
_	Beam angle	15° 25° 38°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	COB	

















Part Number	EM-21LS0075-15	
	Power	7W 10W 12W
	Beam ang l e	15° 25° 38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB
c€ 🙆 🗆 [





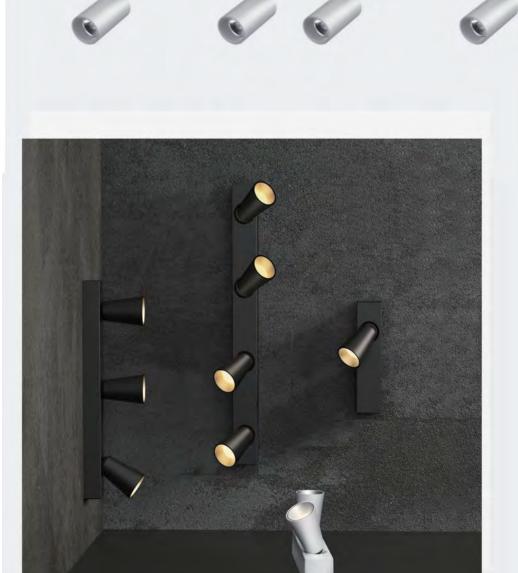














MILO

- Die-cast aluminium lamp body can effectively prevent corrosion and rust, make the lamp body fully heat dissipation, improve heat dissipation efficiency.
- It can be used as 1943 anti-foq and prevent foq and spray from contacting light source, It is suitable for kitchen and toilet.
- Two optical structures: fixed direct/adjustable oblique.
- Equipped with an extremely narrow beam Angle, can be from different angles to accurately illuminate the subject.



EM-22MO0005-15	
Power	5W
Beam ang l e	15°/25°/38°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90 l m/W
Color rendering index	≥90
Operating temperature	-25-50℃
Rated life hours	35000-50000H LM80
LED chip	СОВ
	Power Beam angle Color temperature Light efficiency Color rendering index Operating temperature Rated life hours





Part Number	EM-22MO0205-15
	Power 2x5W
	Beam angle 15°/25°/38°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90 l m/W
	Color rendering index ≥90
	Operating temperature -25-50 C
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🕭 🗓	POB POP POP



Part N	umber		EM-22MO0305-15	
			Power 3x5W	
		_	Beam angle 15°/25°/38°	
		_	Color temperature 2700K/3000K/3500K/4000K	
		_	Light efficiency 90lm/W	
			Color rendering index ≥90	
		_	Operating temperature -25-50 C	_
		_	Rated life hours 35000-50000H LM80	
		_	LED chip COB	_
C€	<u> </u>		PSS PSS	

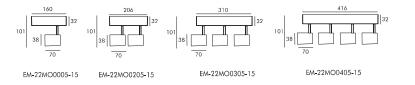
0) O U)
COLOUR BK ■ WH□ Whi	ite Black Gold	d



lumber	EM-22MO0405-15	
	Power	4×5W
_	Beam angle	15°/25°/38°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
	LED chip	СОВ

C€		IP20 IP54	220- 240V	90)	355°	©	*
			Voltage	Tilt	Rotation	URG<19	Adiustable







Part Number		EM-22MO0020-16	
		Power	12W 15W 20W
		EM-22MO0012-16	15°/25°/38°
	_	Power	7W 10W 12W
		Beam angle	15°/25°/38°
		Color temperature	2700K/3000K/3500K/4000K
		Light efficiency	90 l m/W
		Color rendering index	≥90
		Operating temperature	-25-50°C
(€ 🙆		P20	19 Adjustable



Part Number	EM-22MO0220-16			
	Power	2x12W 2x15W 2x20W		
	EM-22MO0212-16	15°/25°/38°		
_	Power	2700K/3000K/3500K/4000K		
_	Beam ang l e	15°/25°/38°		
_	Color temperature	2700K/3000K/3500K/4000K		
_	Light efficiency	90lm/W		
	Rated life hours	≥90		
	Operating temperature	-25-50°C		
(€ 🙆 🗆	P20 P54 220- 2407 90" 355°	S		
	Voltage Tilt Rotation	URG<19 Adjustable		



Part Number		EM-22MO0320-16
		Power 3x12W 3x15W 3X20W
	_	Beam angle 15°/25°/38°
	_	Power 3x7W 3x10W 3X12W
	_	Beam angle 15°/25°/38°
		Color temperature 2700K/3000K/3500K/4000K
		Light efficiency 90 l m/W
		Color rendering index ≥90
		Operating temperature -25-50 ℃
(€ 💩		1270 1270



OPTIONS TRIAC

1 Non-DIM

EM-22MO0020-16

EM-22MO0220-16

TRIAC 0/1-10V DALI

EM-22MO0320-16



Part Number	EM-23MO0005-17		
	Power	5W	
_	Beam angle	15°/25°/38°	_
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















Part Number	EM-23MO0205-17		
	Power	2×5W	
_	Beam angle	15°/25°/38°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	



















Part Number	EM-23MO0305-17	
	Power	3×5W
	Beam ang l e	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	СОВ
(€ 🙆 🗆		JRG<19 Adjustable











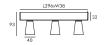


OPTIONS

1	Non-D I M
2	TRIAC
3	0/1-10V
4	DAL







EM-23MO0005-17

EM-23MO0205-17

EM-23MO0305-17



Part Number	EM-23MO0010-17		
	Power	10W	
_	Beam ang l e	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	

















Part Number	EM-23MO0210-17	
	Power	2x10W
	Beam angle	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	COB
(6		S<19 Adjustoble



Part Number		EM-23MO0310-17	
		Power	3x10W
		Beam angle	15°/25°/38°
	_	Color temperature	2700K/3000K/3500K/4000K
		Light efficiency	90 l m/W
		Color rendering index	≥90
		Operating temperature	-25-50 C
		Rated life hours	35000-50000H LM80
		LED chip	COB
ce 💩			URG<19 Adjustable







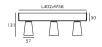


1 2 3 4 Non-DIM TRIAC 0/1-10V DAL

OPTIONS







EM-23MO0010-17

EM-23MO0210-17

EM-23MO0310-17

arid series



Part Numbe	r	EM-25GD0012-18	
-		Power 7V	V 10W 12W
	_	Beam angle 15	5°/25°/38°
	_	Color temperature 27	00K/3000K/3500K/4000K
	_	Light efficiency 90	Dlm/W
		Color rendering index ≥	90
	_	Operating temperature -2	5-50℃
		Rated life hours 35	5000-50000H LM80
	_	LED chip C	ОВ
(€ 🙆		P20	URG<19 Adjustable



Part N	umber		EM-25GE	00212-	18				
			Power				2x7W 2x10W	2x12W	
			Beam an	gle			15°/25°/38°		
			Color ten	nperatu	ire		2700K/3000K	/3500K/4000K	
			Light effic	iency			90 l m/W		
			Co l or rer	dering	index		≥90		
			Operatin	g temp	erature		-25-50℃		
			Rated life	hours			35000-50000	H LM80	
			LED chip				СОВ		
C€		IP20 IP54	220- 240V Vo l tage	³o° <u>;</u> Ti l t	355° Contation	200x100m	of nm URG<19	Adjustab l e	



Part Number	EM-25GD0312-18
	Power 3x7W 13x10W 3x12W
	Beam angle 15°/25°/38°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90lm/W
	Color rendering index ≥90
	Operating temperature -25-50 C
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🙆 🗆	
	Voltage Tilt Rotation 300x100mm URG<19 Adjustable





EM-25GD0312-18

EM-25GD0212-18

COLOUR BK ■ WH□ |



Part Number	EM-25GT0012-18
	Power 7W 10W 12W
	Beam angle 15°/25°/38°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90lm/W
	Color rendering index ≥90
	Operating temperature -25-50 C
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🙆	Voltage Tilt Rotation 98x98mm URG<19 Adjustable



rt Number	EM-25GT0212-18	
	Power	2x7W 2x10W 2x12W
	Beam ang l e	15°/25°/38°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
	LED chip	СОВ

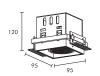


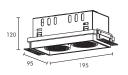


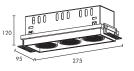
art Number	EM-25GT0312-18	
	Power	3x7W 3x10W 3X12W
_	Beam angle	15°/25°/38°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50 °C
	Rated life hours	35000-50000H LM80
	LED chip	СОВ











EM-25GT0012-18

EM-25GT0212-18

EM-25GT0312-18

COLOUR BK ■ WH□ |



Part Number

EM-25GD0020-19		
Power	12W 15W 20W	
Beam ang l e	15°/25°/38°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90 l m/W	
Color rendering index	≥90	
Operating temperature	-25-50 °C	
Rated life hours	35000-50000H LM80	
LED chip	СОВ	





Part Number	EM-25GD0220-19		
	Power	2x12W 2x15W 2x20W	
	Beam ang l e	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 i m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	





Part Number	EM-25GD0320-19
	Power 3x12W 3x15W 3x20W
	Beam angle 15°/25°/38°
	Color temperature 2700K/3000K/3500K/4000K
	Light efficiency 90 l m/W
	Color rendering index ≥90
	Operating temperature -25-50 C
	Rated life hours 35000-50000H LM80
	LED chip COB
(€ 🙆	







EM-25GD0320-19

Part Number	EM-25GT0020-19	
	Power	12W 15W 20W
	Beam ang l e	15°/25°/38°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
	LED chip	СОВ

C€ 🚳 □ IP20 IP54



art Number	EM-25GT0220-19		
	Power	2x12W 2x15W 2x20W	
_	Beam ang l e	15°/25°/38°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	COB	

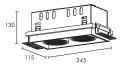


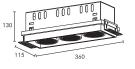
art Number	EM-25GT0320-19	
	Power	3X12W 3X15W 3X20W
_	Beam angle	15°/25°/38°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
_	Color rendering index	≥90
_	Operating temperature	-25-50℃
_	Rated life hours	35000-50000H LM80
_	LED chip	СОВ





Non-DIM 0/1-10V DAL



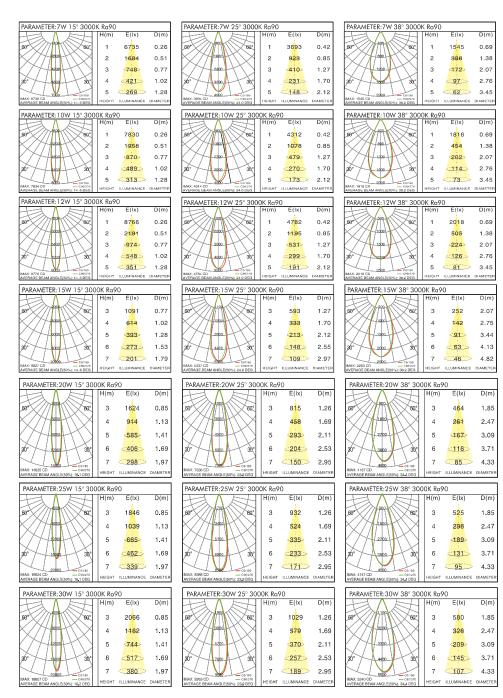


EM-25GT0220-19 EM-25GT0320-19 EM-25GT0020-19

COLOUR BK ■ WH□ |

OPTIONS

COLOUR BK ■ WH□ |



OUTDOOR

Light matches the building to make it pure.

The change of light over time expresses the relationship between man and nature in a most basic way.





Part Number	EMIG-1111-A	
	Power	1W
	Beam ang l e	25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 i m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD











Part Number	EMIG-1111-B		
	Power	1W	
_	Beam angle	25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50 °C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	















Part Number	EMIG-1111-C		
	Power	1W	
	Beam ang l e	25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	









EM**I**G-1111-A



EMIG-1111-B



EMIG-1111-C









art Number	EM I G-1111-D		
	Power	1W	
_	Beam ang l e	25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	











Part Number	EMIG-1111-E	
	Power	1W
_	Beam angle	25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
_	Color rendering index	≥90
	Operating temperature	-25-50 °C
_	Rated life hours	35000-50000H LM80
_	LED chip	SMD















Part Number	EMIG-1111-F		
	Power	1W	
_	Beam ang l e	25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90lm/W	
_	Color rendering index	≥90	
_	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	



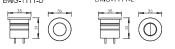








EMIG-1111-D

















٠.	
1	Non-D I M
2	TRIAC
3	0/1-10V
4	DALI





art Number	EM I G-1111-G		
	Power	1W	
_	Beam angle	25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
_			













Part Number	EM I G-1111-H		
	Power	1W	
_	Beam angle	25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chin	SMD	













Part Number	EM I G-1111- I		
	Power	1W	
	Beam angle	25°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 ℃	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	





























Part Number	EMIG-1112-A	
	Power	3W
_	Beam ang l e	10°/15°/21°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	SMD













Part Number	EMIG-1112-B		
	Power	3W	
_	Beam ang l e	10°/15°/21°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	















Part Number	EMIG-1112-C		
	Power	3W	
_	Beam angle	10°/15°/21°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
_	LED chip	SMD	

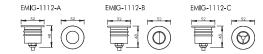






















art Number	EMIG-1112-D		
	Power	2W	
	Beam angle	10°/15°/21°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 i m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50 C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	













Part Number	EMIG-1112-E	
	Power	2W
_	Beam angle	10°/15°/21°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
_	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	SMD















Part Number	EMIG-1112-F		
	Power	2W	
	Beam ang l e	10°/15°/21°/38°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	













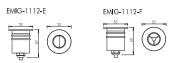
EMIG-1112-D



















Part Number	EMIG-1113-A	
	Power	4W
_	Beam ang l e	3°/6°/10°/20°/40°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50 ℃
	Rated life hours	35000-50000H LM80
	LED chip	СОВ













Part Number	EM I G-1113-B		
	Power	4W	
	Beam ang l e	3°/6°/10°/20°/40°	
	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
_	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	













Part Number	EM I G-1113-C	
	Power	4W
_	Beam ang l e	3°/6°/10°/20°/40°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
_	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	СОВ







































Part Number	EMIG-1114-A	
	Power	7W
_	Beam angle	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
_	Color rendering index	≥90
	Operating temperature	-25-50℃
_	Rated life hours	35000-50000H LM80
_	LED chip	СОВ













Part Number	EMIG-1114-B	
	Power	7W
_	Beam angle	15°/25°/38°/60°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	COB











Part Number	EMIG-1114-C		
	Power	7W	
_	Beam angle	15°/25°/38°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50℃	
_	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	









EM**I**G-1114-B

EMIG-1114-C

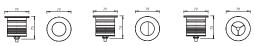


EM**I**G-1114-A





















Part Number EMIG-1114-D

7W
15°/25°/38°/60°
2700K/3000K/3500K/4000K
90 l m/W
≥90
-25-50 °C
35000-50000H LM80
COB













Part Number	EMIG-1114-E	
	Power	7W
_	Beam angle	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
_	Color rendering index	≥90
	Operating temperature	-25-50°C
_	Rated life hours	35000-50000H LM80
_	LED chip	СОВ











C€	◬	IP67	24V Voltage	⊚ UGR<19	Fixed



Part Number	EMIG-1114-F	
	Power	7W
_	Beam ang l e	15°/25°/38°/60°
_	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90 l m/W
_	Color rendering index	≥90
_	Operating temperature	-25-50 °C
_	Rated life hours	35000-50000H LM80
_	LED abis	COR









EMIG-1114-D













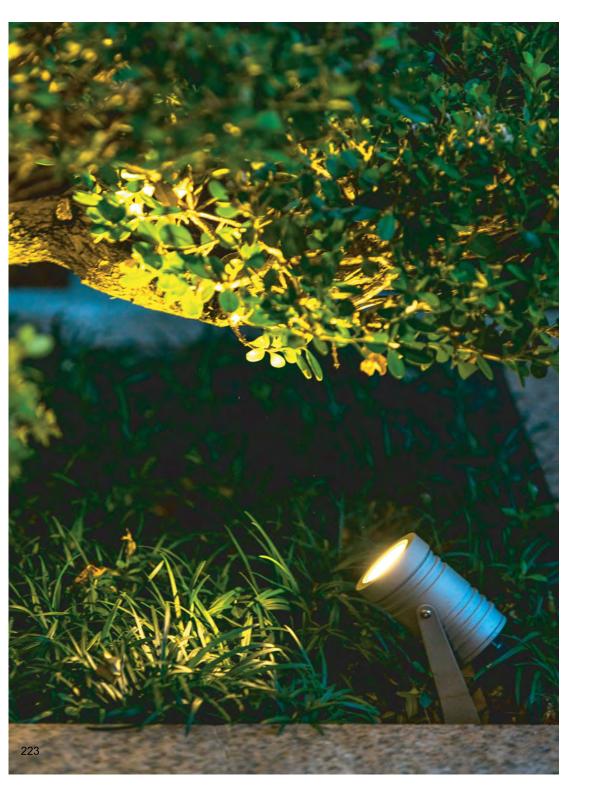












SPOT LIGHT



Part Number	ASP0112-1		
	Power	ıw	
	Beam angle	10°/15°/21°/36°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	COB	













Part Number	ASP0112-2		
	Power	1W	
_	Beam ang l e	10°/15°/21°/36°/60°	
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	















ASP0112-1

ASP0112-2

Spike

Anti-glare glass lens





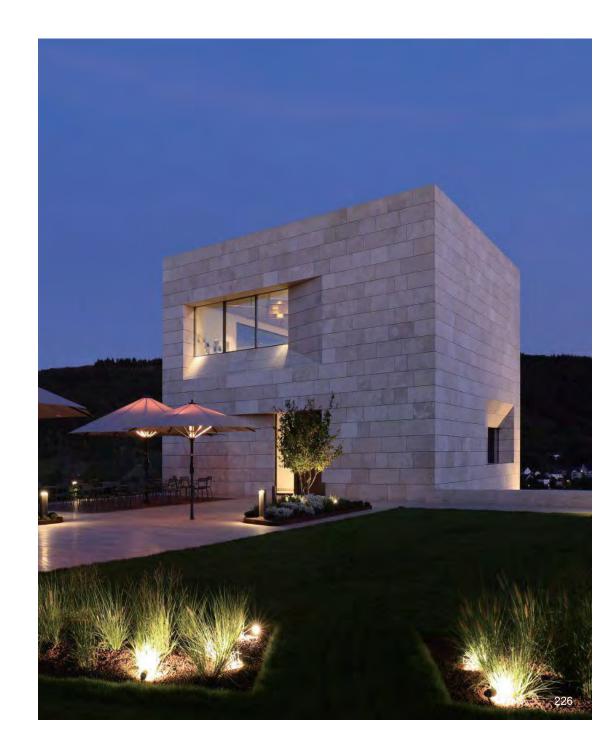






OPTIONS

1	Non-D I M
2	TRIAC
3	0/1 - 10V
4	DALI





Part Number	ASP0112-3		
	Power	1W	_
	Beam ang l e	10°/15°/21°/36°/60°	_
	Color temperature	2700K/3000K/3500K/4000K	_
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50℃	_
	Rated life hours	35000-50000H LM80	
	LED chip	СОВ	









Power	1W	
Beam angle	10°/15°/21°/36°/60°	
Color temperature	2700K/3000K/3500K/4000K	
Light efficiency	90lm/W	
Color rendering index	≥90	
Operating temperature	-25-50℃	
Rated life hours	35000-50000H LM80	
LED chip	СОВ	
	Beam angle Color temperature Light efficiency Color rendering index Operating temperature Rated life hours	Beam angle















ASP0112-4





Anti-glare glass lens















Part Number	ASP0115-1	
	Power	3W
	Beam angle	3°/6°/10°/20°/40°
	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
	Color rendering index	≥90
	Operating temperature	-25-50℃
	Rated life hours	35000-50000H LM80
	LED chip	SMD











Part Number	ASP0115-2		
	Power	3W	
_	Beam angle	3°/6°/10°/20°/40°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	



















ASP0115-2







Anti-glare glass lens









OPTIONS

1	Non-D I M
2	TRIAC
3	0/1-10V
4	DALI





Part Number	ASP0116-1		
	Power	8W	
	Beam ang l e	25°/40°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
•	Operating temperature	-25-50℃	
	Rated life hours	35000-50000H LM80	
•	LED chip	COB	









Part Number	ASP0116-2		
	Power	8W	
_	Beam angle	25°/40°/60°	_
_	Color temperature	2700K/3000K/3500K/4000K	
_	Light efficiency	90 l m/W	
_	Color rendering index	≥90	
	Operating temperature	-25-50 °C	
_	Rated life hours	35000-50000H LM80	
_	LED chip	СОВ	











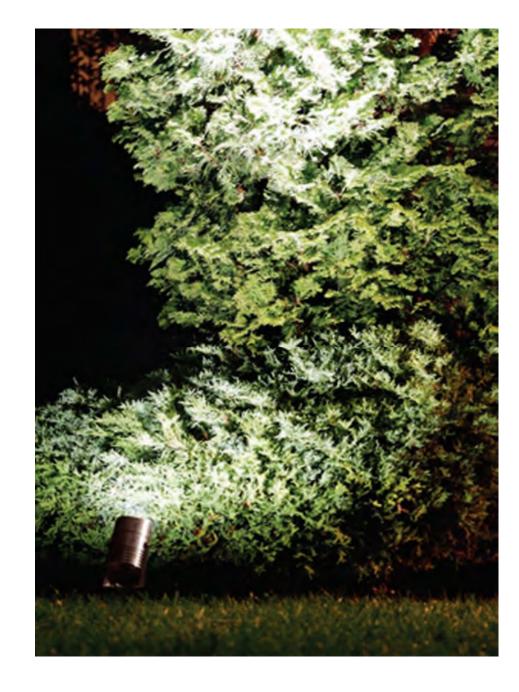






Non-D**I**M TRIAC 0/1**-**10V

DAL





Part Number	ASP0117-1	
	Power	8W
_	Beam ang l e	25°/40°/60°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
_	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
_	LED chip	СОВ







Part Number	ASP0117-2		
	Power	9W	
	Beam angle	25°/40°/60°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90 l m/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	COB	

















ASP0117-2

Spike





Anti-glare glass lens



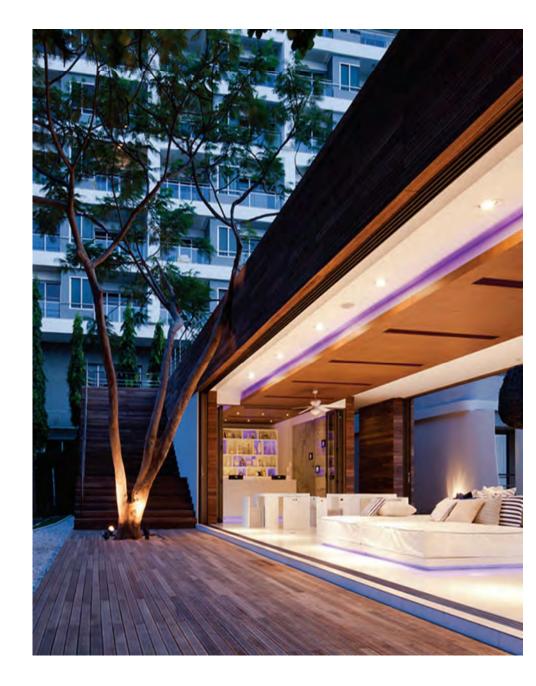








- 1	Non-DIM
2	TRIAC
3	0/1-10V
4	DALÍ







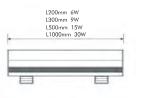
Part Number	EW101	
	Power	6W 9W 15W 30W
	Beam angle	20°/30°/45°/20x45°
_	Color temperature	2700K/3000K/3500K/4000K
	Light efficiency	90 l m/W
_	Color rendering index	≥90
	Operating temperature	-25-50 ℃
_	Rated life hours	35000-50000H LM80
_	LED chip	SMD



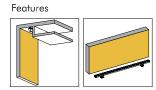


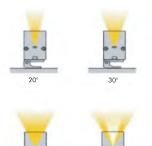




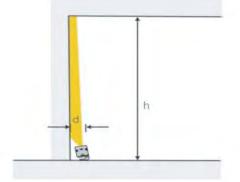








20x45°





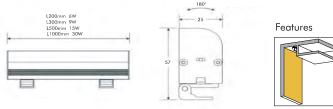
Power	6W 9W 15W 30W
Beam angle	20°/30°/45°/20x45°
Color temperature	2700K/3000K/3500K/4000K
Light efficiency	90lm/W
Color rendering index	≥90
Operating temperature	-25-50°C
Rated life hours	35000-50000H LM80
LED chip	SMD



Part Number

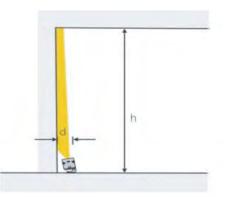












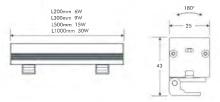


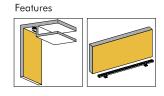
Part Number	EW103	
	Power	6W 9W 15W 30W
_	Beam angle	20°/30°/45°/20×45°
	Color temperature	2700K/3000K/3500K/4000K
_	Light efficiency	90lm/W
	Color rendering index	≥90
	Operating temperature	-25-50°C
	Rated life hours	35000-50000H LM80
	LED chip	SMD



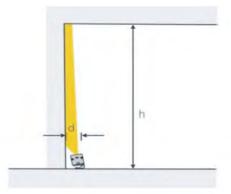














art Number	EW104		
	Power	15W 30W	
	Beam angle	20°/30°/45°/20x45°	
	Color temperature	2700K/3000K/3500K/4000K	
	Light efficiency	90lm/W	
	Color rendering index	≥90	
	Operating temperature	-25-50°C	
	Rated life hours	35000-50000H LM80	
	LED chip	SMD	







