



PRODUCT CATALOG

2 0 2 3 - 2 0 2 4

Facade and Landscape Lighting

A GATEWAY

TOTHE

Light



Beamer DS1310U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 11700
Efficacy (Im/W)	32.5
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	360 watts
Frequency Range	50/60Hz

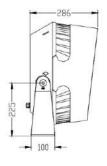
Control Mode

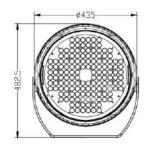
Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Polar Diagram

Physical

Temperature Range	es
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	12.8 Kgs
Dimensions (Height x Width x Depth)	482.5X435X286 (mm)

-25 to 50°C Operating

Vibration Resistance

Luminaire in series	3
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66



Integrated die casting & phase change liquid cooling

Accessories:







Round-Meshed Honeycomb Honeycomb

Glass

Beamer DS1311U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 7820
Efficacy (Im/W)	32.5
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	240 watts
Frequency Range	50/60Hz

Control Mode

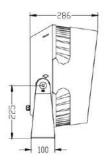
Interface	DMX 512/RDM

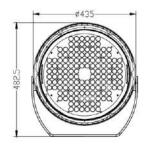
Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Polar Diagram

Physical

Dimensions (Height x Width x Depth)	400X360X253 (mm)
Weight	10.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operation	g

Vibration Resistance

Luminaire in series	5
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

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Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(E



Integrated die casting & phase change liquid cooling

Accessories:







Round-Meshed Honeycomb Honeycomb Anti-Glare

Glass

Beamer DS1312U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 7720
Efficacy (Im/W)	37.5
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	200 watts
Frequency Range	50/60Hz

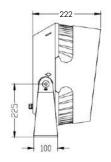
Control Mode

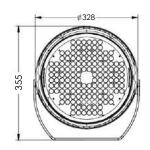
Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Dimensions (Height x Width x Depth)	355X328X222 (mm)
Weight	9.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	g

Vibration Resistance

Luminaire in series	5
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€



Integrated die casting & phase change liquid cooling

Accessories:









Round-Meshed Honeycomb Honeycomb Anti-Glare Glass



Beamer DS1313U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 5988
Efficacy (Im/W)	39.9
LED Channels	RGBW

Flectrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

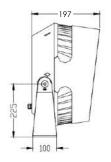
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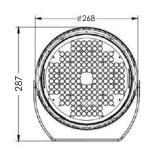
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Control Wode	
Interface	DMX 512/RDM
Control System	
Hege: Inhouse DMY 512 Pro	stocal or any other third

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000





Physical

Dimensions (Height x Width x Depth)	287X268X197 (mm)
Weight	5.95 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	g
Vibration Desistans	

Vibration Resistance

Luminaire in series	8
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE



Integrated die casting & phase change liquid cooling

Accessories:







Round-Meshed Honeycomb Honeycomb Anti-Glare Glass



Beamer DS1314U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4.5, 8,12, 20, 30, 45, 60
Lumens	Min 3683
Efficacy (Im/W)	36.8
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

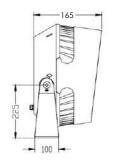
Control Mode

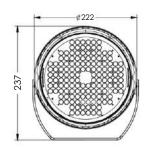
Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Physical

Dimensions (Height x Width x Depth)	237X222X165 (mm)
Weight	3.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	g
Vibration Resistance	

Vibration Resistance

Luminaire in series	12
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€



Integrated die casting & phase change liquid cooling

Accessories:

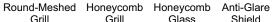












Glass



Beamer DS1315U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 2423
Efficacy (Im/W)	40.3
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

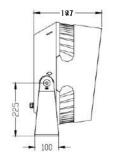
ontrol Mode

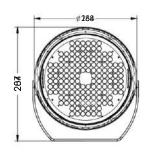
Interface	DMX 512/RDM
Control System	
Llagar Inhauga DMV E12 Drat	and are about at bout their d

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Dimensions (Height x Width x Depth)	204X184X141 (mm)
Weight	2.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	g

Vibration Resistance

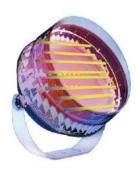
Luminaire in series	20
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€





Integrated die casting & phase change liquid cooling

Accessories:











Round-Meshed Honeycomb Honeycomb Anti-Glare

Glass

Beamer DS1316U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 1865
Efficacy (Im/W)	62.1
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

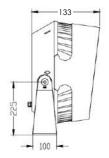
Control Mode

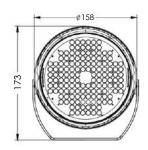
party.

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third	

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000





Physical

Dimensions (Height x Width x Depth)	173X158X133 (mm)
Weight	1.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operating	

Vibration Resistance

Luminaire in series	42
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€





Integrated die casting & phase change liquid cooling

Accessories:











Round-Meshed Honeycomb Honeycomb Anti-Glare

Glass



Beamer DS1317U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	4. 5, 8,12, 20, 30, 45, 60
Lumens	Min 1219
Efficacy (Im/W)	60.95
LED Channels	RGBW

Electrical

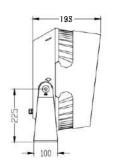
Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	20 watts	
Frequency Range	50/60Hz	

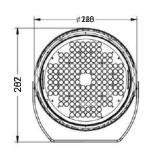
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Control Wode		
Interface	DMX 512/RDM	
Control System		
Uses: Inhouse DMX 512 Pr	otocol or any other third	

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Dimensions	202X120X135 (mm)	
(Height x Width x Depth)		
Weight	1.05 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	S	
-25 to 50°C Operating	9	
Vibration Resistanc	e	

Luminaire in series	88
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE





Integrated die casting & phase change liquid cooling

Accessories:











Glass

Round-Meshed Honeycomb Honeycomb Anti-Glare



Spot DS1150F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In°)	8,12, 20, 30 ,45, 60, 10*70 & 5*20
Lumens	Min 5170
Efficacy (Im/W)	51.7
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	100 watts	
Frequency Range	50/60Hz	

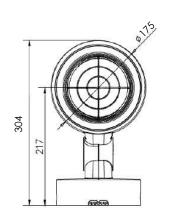
Control Mode

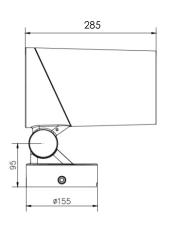
Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000





Dimensions (Height x Width x Depth)	304X175X285 (mm)
Weight	3.85 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	

Vibration Resistance

Luminaire in series	28
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66



Accessories:











Round-Meshed Honeycomb Honeycomb

Glass

Spot DS1151F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °) 8 ,12 , 20	, 30 ,45, 60,10*70 & 5*20
Lumens	Min 3875
Efficacy (Im/W)	51.7
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	75 watts
Frequency Range	50/60Hz

Control Mode

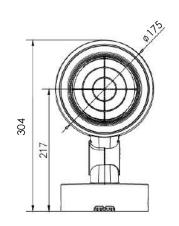
Interface	CC/DALI/0-10V

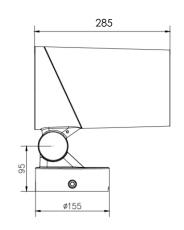
Control System

Uses: Inhouse protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000





Physical

Temperature Ranges -25 to 50°C Operating	
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	3.75 Kgs
(Height x Width x Depth)	304X175X285 (mm)

Vibration Resistance

Luminaire in series	28
Humidity	10 to 95%
Mechanical Impact	lk08

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Environment Dry/Damp/Wet Location IP(Approvals	ROHS, CE, BIS
Environment Bry/Bamp/vvet Ecoation, in	Environment	Dry/Damp/Wet Location, IP66



Accessories:











Round-Meshed Honeycomb Honeycomb

Glass

Spot DS1152F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In°)	6,12, 20, 30,45, 60, 10*70 & 5*20
Lumens	Min 2574
Efficacy (Im/W)	57.2
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Temperature Range	s
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	3.15 Kgs
Dimensions (Height x Width x Depth)	256X147X235 (mm)

Vibration Resistance

-25 to 50°C Operating

28
10 to 95%
lk08

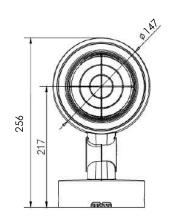
Certification and Safety

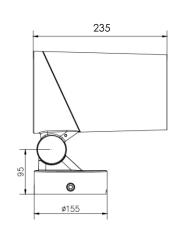
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000

















Round-Meshed Honeycomb Honeycomb

Glass



Spot DS1153F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °) 6 ,12 , 20	0, 30 ,45, 60,10*70 & 5*20
Lumens	Min 2115
Efficacy (Im/W)	70.5
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Temperature Range -25 to 50°C Operating	
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	21.5 Kgs
Dimensions (Height x Width x Depth)	216X108X160 (mm)

Vibration Resistance

Luminaire in series	88
Humidity	10 to 95%
Mechanical Impact	lk08

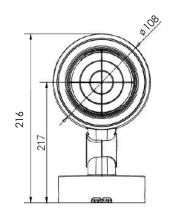
Certification and Safety

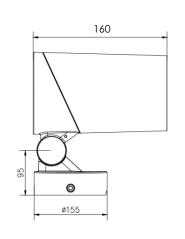
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000

















Round-Meshed Honeycomb Honeycomb

Glass



Spot DS1154F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In $^{\circ}$) 8,12 , 20	, 30 ,45, 60, 10*70 & 5*20
Lumens	Min 635
Efficacy (Im/W)	63.5
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

ontrol Mode

Interface	CC/DALI/0-10V
Control System	
Uses: Inhouse protocol or any other third party.	

Physical

Dimensions (Height x Width x Depth)	176X82X140 (mm)
Weight	1.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g

Vibration Resistance

Luminaire in series	130
Humidity	10 to 95%
Mechanical Impact	Ik08

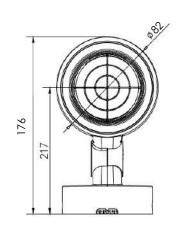
Certification and Safety

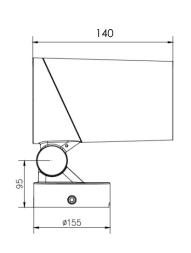
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000



















Round-Meshed Honeycomb Honeycomb

Glass

Spot DS1155F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	12.5 , 20, 30 , 60, 15*30 & 10*60
Lumens	Min 551
Efficacy (Im/W)	91.83
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

ontrol Mode

Interface	CC/DALI/0-10V
Control System	
Uses: Inhouse protocol or any other third party.	

Physical

Dimensions (Height x Width x Depth)	95X35X70 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	

Vibration Resistance

Luminaire in series	120
Humidity	10 to 95%
Mechanical Impact	Ik07

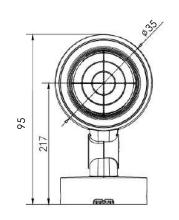
Certification and Safety

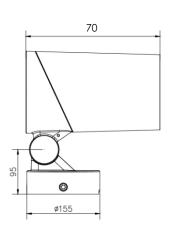
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. 0	50°C	50000



















Round-Meshed Honeycomb Honeycomb

Glass



Spot DS1156F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 30 , 45, 60, 25*45
Lumens	Min 233
Efficacy (Im/W)	77.66
LED Channels	3000K/4000K

Flactrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	3 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	81X61.5X25 (mm)
Weight	0.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

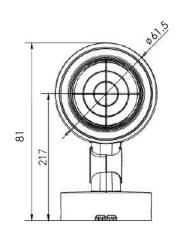
Mechanical Impact	lk07
Humidity	10 to 95%
Luminaire in series	220

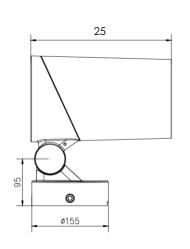
Certification and Safety

	RoHSCE
Environment	Dry/Damp/Wet Location, IP66
Approvals	ROHS, CE, BIS

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000







Accessories:



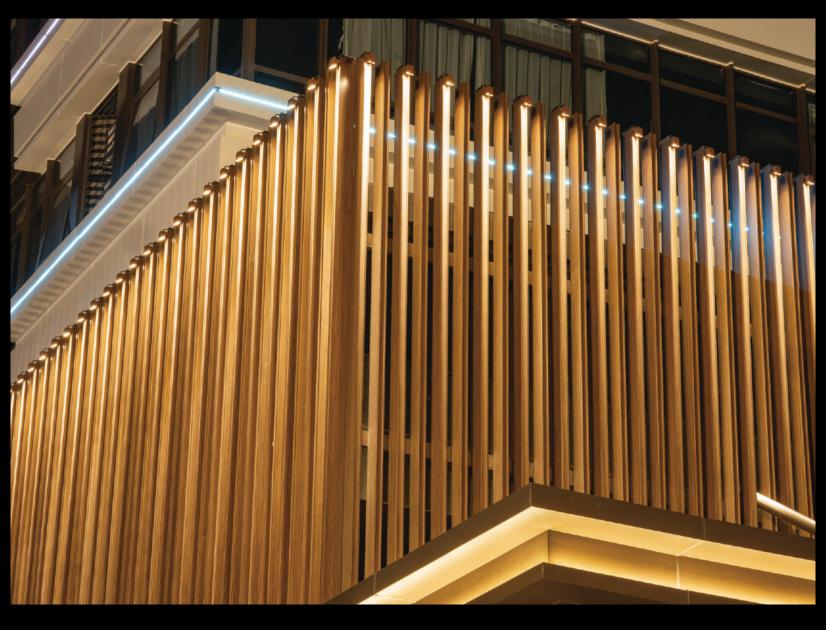






Round-Meshed Honeycomb Honeycomb

Glass





Inground DS2210S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 5988
Efficacy (Im/W)	39.9
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Interface	DIVIX 312/RDIVI

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	320X320X190 (mm)
Weight	15.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Luminaire in series	40
Humidity	10 to 95%
Mechanical Impact	lk10

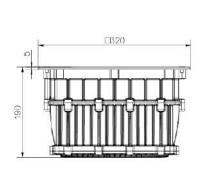
Certification and Safety

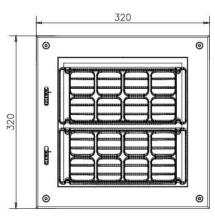
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000







Honeycomb

Anti-Slip

Glass



Inground DS2211S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 3610
Efficacy (Im/W)	40.1
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	90 watts
Frequency Range	50/60Hz

Control Mode

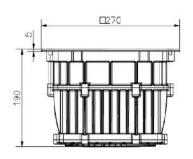
Interface	DMX 512/RDM

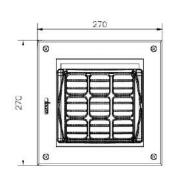
Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Physical

Dimensions (Height x Width x Depth)	270X270X190 (mm)
Weight	13 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	ee
Mechanical Impact	lk10
Humidity	10 to 95%

Certification and Safety

Luminaire in series

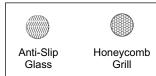
Certification an	ia Safety
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(E

40



Accessories:





Inground DS2212S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8, 15, 20, 30, 15*60
Lumens	Min 1600
Efficacy (Im/W)	40
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	40 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth	220X220X170 (mm)
Weight	8.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Rang	es
-25 to 50°C Operation	ng
·	

Vibration Resistance

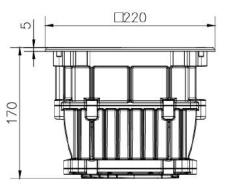
Luminaire in series	40
Humidity	10 to 95%
Mechanical Impact	lk10

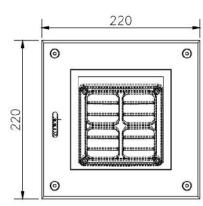
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

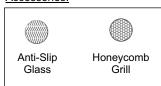
RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
7.0	50°C	60000











Inground DS2213R

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60	
Lumens	Min 3610	
Efficacy (Im/W)	40.1	
LED Channels	RGBW	

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	90 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	300X260 (mm)
Weight	12.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

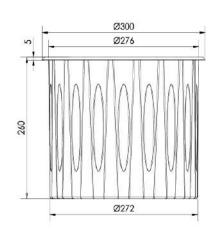
Vibration Resistance

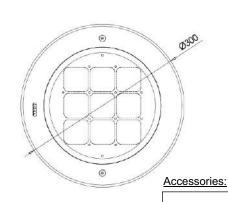
Certification and Safety

Approvals	ROHS, CE, BI	
Environment	Dry/Damp/Wet Location, IP67	

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000















Inground DS2214R

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8, 15, 20, 30, 15*60
Lumens	Min 2410
Efficacy (Im/W)	40.1
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

(Height x Width x Depth)	280X240 (mm)
Weight	8.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

10 to 95%
10 to 050/
lk10

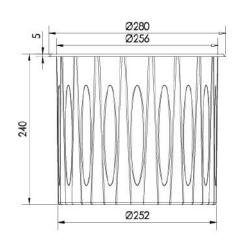
Certification and Safety

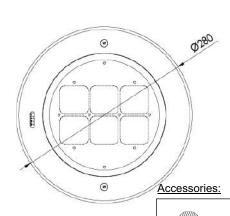
Approvais	ROH5, CE, BI5
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
7.0	50°C	50000





Anti-Slip

Honeycomb





Inground DS2215R

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15 , 20, 30 , 15*60
Lumens	Min 1604
Efficacy (Im/W)	40.1
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption	40 watts
(Maximum at full output, steady state)	
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
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Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	215X209 (mm)
Weight	5.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Luminaire in series	30
Humidity	10 to 95%
Mechanical Impact	lk10

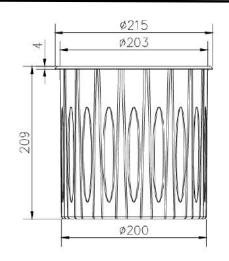
Certification and Safety

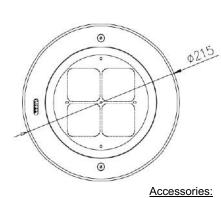
Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHSCE

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. •	50°C	50000









Honeycomb Grill



Inground DS2216R

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8, 15, 20, 30, 15*60
Lumens	Min 802
Efficacy (Im/W)	40.1
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	215X209 (mm)
Weight	4 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

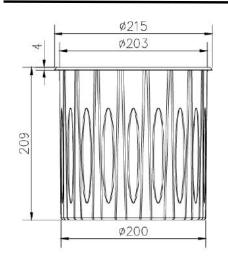
Luminaire in series	60
Humidity	10 to 95%
Mechanical Impact	lk10

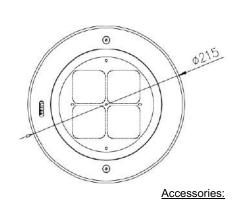
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000













Inground DS2217RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 6410
Efficacy (Im/W)	80.1
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	80 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
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Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	300X260 (mm)
Weight	12.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

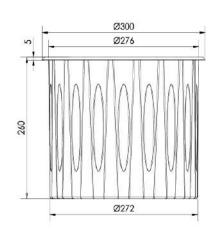
1.1
10 to 95%
lk10

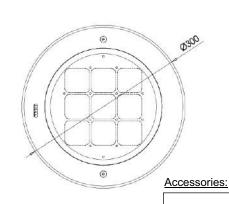
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. 0	50°C	50000













Inground DS2218RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8, 15, 20, 30, 15*30, 10*60
Lumens	Min 3950
Efficacy (Im/W)	79
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	50 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V

Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	280X240 (mm)
Weight	8.66 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

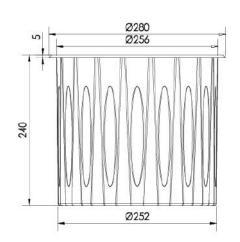
Luminaire in series	20
Humidity	10 to 95%
Mechanical Impact	lk10

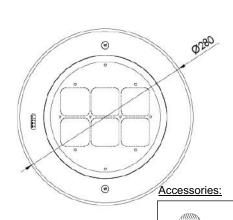
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000











Inground DS2219RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 2400
Efficacy (Im/W)	80
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	215X209 (mm)
Weight	5.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	
-25 to 50°C Operatin	g

Vibration Resistance

Luminaire in series	30
Humidity	10 to 95%
Mechanical Impact	lk10

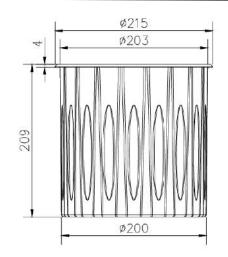
Certification and Safety

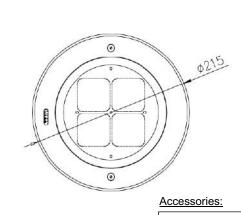
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000









Honeycomb Grill



Inground DS2220RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 1640
Efficacy (Im/W)	82
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	20 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	CC/DALI/0-10V
Interface	CC/DALI/0-10V

Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	185X188 (mm)
Weight	4.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

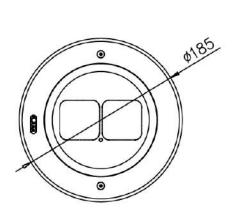
Luminaire in series	60
Humidity	10 to 95%
Mechanical Impact	lk10

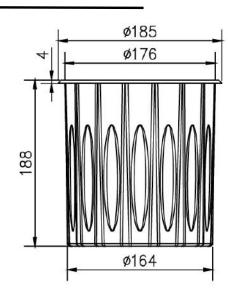
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. •	50°C	50000













Inground DS2221RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8,15, 20, 30 , 15*30, 10*60
Lumens	Min 850
Efficacy (Im/W)	85
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	135X139 (mm)
Weight	1.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	q

Vibration Resistance

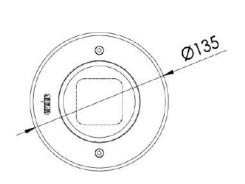
Luminaire in series	120
Humidity	10 to 95%
Mechanical Impact	lk10

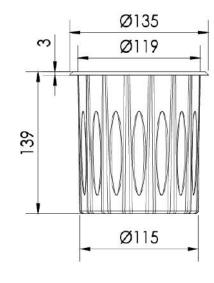
Certification and Safety

Approvais	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHS(E

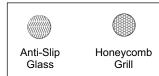
Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000













Inground DS2222RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8, 15, 20, 30, 10*70, 5*20
Lumens	Min 534
Efficacy (Im/W)	89
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V

Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	100X120 (mm)
Weight	1.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Luminaire in series	60
Humidity	10 to 95%
Mechanical Impact	lk10

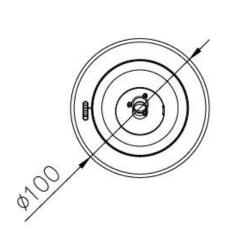
Certification and Safety

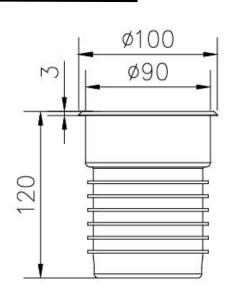
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Lumen Maintenance

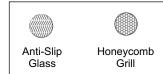
Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. 0	50°C	50000







Accessories:





Inground DS2223RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	8,12.5, 30, 45, 60
Lumens	Min 350
Efficacy (Im/W)	100
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	3.5 watts	
Frequency Range	50/60Hz	

Control Mode

Interface PWM/CC

Physical

110X96 (mm)
1 Kg
High pressure die-cast aluminum, surface with fluorine carbon spraying.
Toughend Glass
s g

Vibration Resistance

Luminaire in series	300
Humidity	10 to 95%
Mechanical Impact	lk10

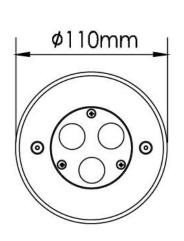
Certification and Safety

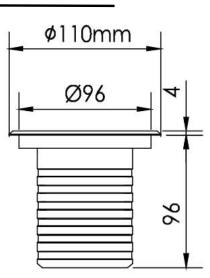
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000







Accessories:





Inground DS2224RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	25,120
Lumens	Min 162
Efficacy (Im/W)	108
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	1.5 watts
Frequency Range	50/60Hz

Control Mode

Interface	PWM/CC
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Physical

Dimensions	75X88 (mm)
(Height x Width x Depth)	
Weight	0.5 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatir	na

Vibration Resistance

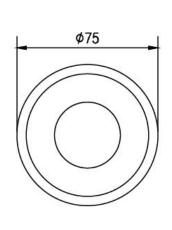
Luminaire in series	260
Humidity	10 to 95%
Mechanical Impact	lk10

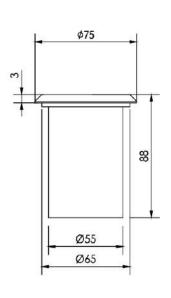
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000









Inground DS2225RM

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 25
Efficacy (Im/W)	50
LED Channels	3000K/4000K

Electrical Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	0.5 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC
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Physical

Dimensions (Height x Width x Depth)	30X47 (mm)
Weight	0.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es es

-25 to 50°C Operating

Vibration Resistance

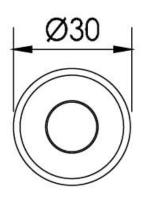
Luminaire in series	160
Humidity	10 to 95%
Mechanical Impact	lk10

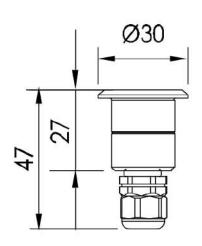
Certification and Safety

Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHS(€

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000













Linear DS1401L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 9350
Efficacy (Im/W)	46.75
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	200 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Temperature Range	es
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	6.2 Kgs
Dimensions (Height x Width x Depth)	1000X120X80 (mm)

Vibration Resistance

-25 to 50°C Operating

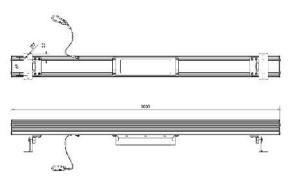
Luminaire in series	6
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000















Linear DS1402L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 5173
Efficacy (Im/W)	51.73
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X110X60 (mm)
Weight	4.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es

-25 to 50°C Operating

Vibration Resistance

Luminaire in series	12
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

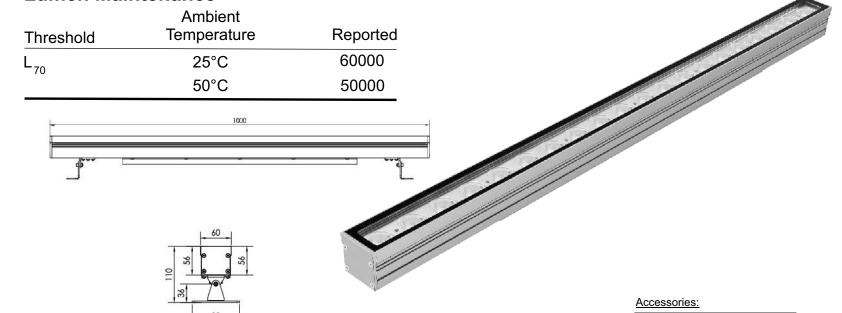
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

Anti-Glare

Shield

Honeycomb

RoHS(€





Linear DS1403L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 45, 60, 15*60, 15 *25
Lumens	Min 1641
Efficacy (Im/W)	34.18
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	48 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X95X50 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Luminaire in series	5
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

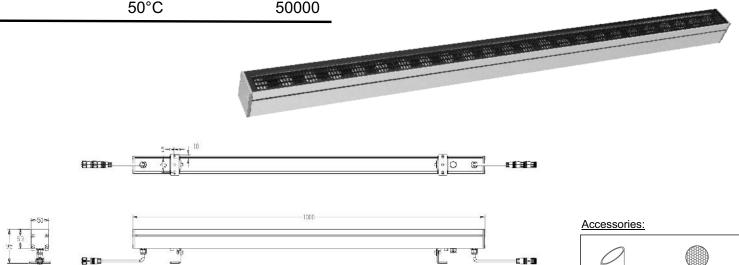
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

Anti-Glare

Honeycomb

RoHS (€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000





Linear DS1404L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	15, 20, 30,60, 15*60, 15 *30
Lumens	Min 1224
Efficacy (Im/W)	34
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	36 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X95X50 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	
Vibration Resistance	Ce Ce

Certification and Safety

Mechanical Impact

Luminaire in series

Humidity

Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP66	

RoHSCE

lk08

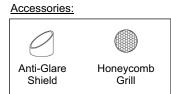
6

10 to 95%

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. •	50°C	50000









Linear DS1405L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 30 45,60, 25*45
Lumens	Min 852
Efficacy (Im/W)	35.5
LED Channels	RGBW

Electrical

Input Voltage	24V DC	
Power Consumption (Maximum at full output, steady state)	24 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X65X37(mm)
Weight	1.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatir	ng

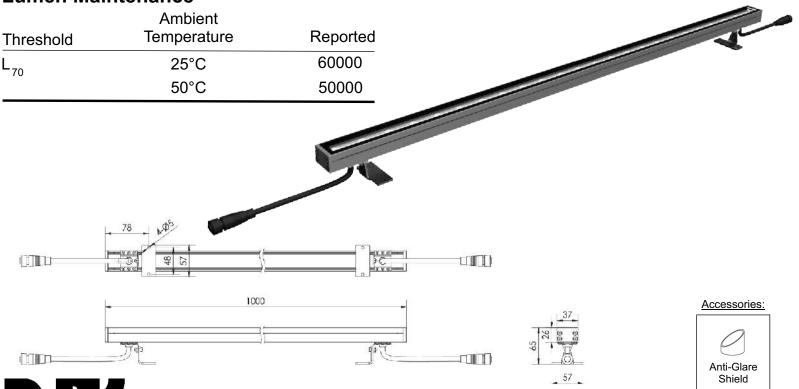
Vibration Resistance

Luminaire in series	6
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS (



Linear DS1406L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	20, 30 45,60, 25*45
Lumens	Min 593
Efficacy (Im/W)	49.4
LED Channels	RGBW

Electrical

Input Voltage	24V DC	
Power Consumption (Maximum at full output, steady state)	12 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	500X65X37(mm)
Weight	0.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	28
-25 to 50°C Operation	g

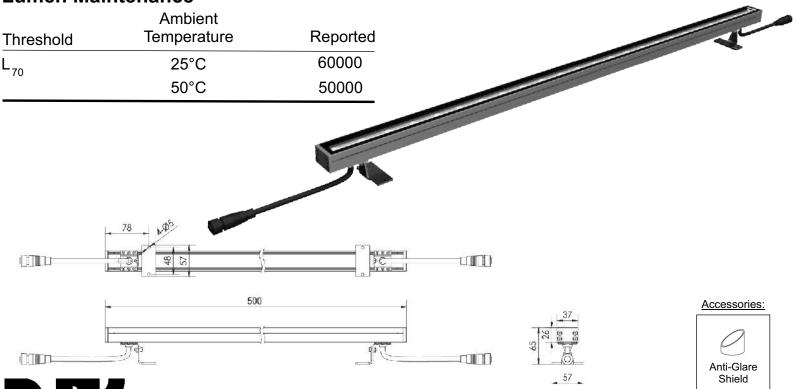
Vibration Resistance

Luminaire in series	12
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS (



Linear DS1407L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

 Beam Angle (In °)
 6, 12, 20, 30, 45, 60, 10*70, 5*20

 Lumens
 Min 16800

 Efficacy (Im/W)
 84

 LED Channels
 3000K/4000K

Electrical

Input Voltage 100 to 300V AC

Power Consumption 200 watts
(Maximum at full output, steady state)

Frequency Range 50/60Hz

Control Mode

Interface CC/DALI/0-10V
Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions 1000X120X80 (mm)

(Height x Width x Depth)

Weight 6.2 Kgs

Housing Material High pressure die-cast aluminum,

surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Mechanical Impact Ik08
Humidity 10 to 95%
Luminaire in series 6

Certification and Safety

Approvals ROHS, CE, BIS

Environment Dry/Damp/Wet Location, IP66

Anti-Glare

Honeycomb

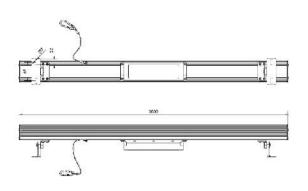
RoHS(€

Lumen Maintenance

 Ambient Threshold
 Temperature
 Reported

 L₇₀
 25°C
 80000

 50°C
 60000







Linear DS1408L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

 Beam Angle (In °)
 6, 12, 20, 30, 45, 60, 10*70, 5*20

 Lumens
 Min 8265

 Efficacy (Im/W)
 87

 LED Channels
 3000K/4000K

Electrical

Input Voltage 100 to 300V AC

Power Consumption 95 watts
(Maximum at full output, steady state)

Frequency Range 50/60Hz

Control Mode

Interface CC/DALI/0-10V

Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions 1000X110X60 (mm)

(Height x Width x Depth)

Weight 4.2 Kgs

Housing Material

High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Mechanical Impact Ik08
Humidity 10 to 95%
Luminaire in series 6

Certification and Safety

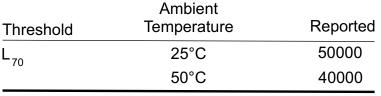
Approvals ROHS, CE, BIS

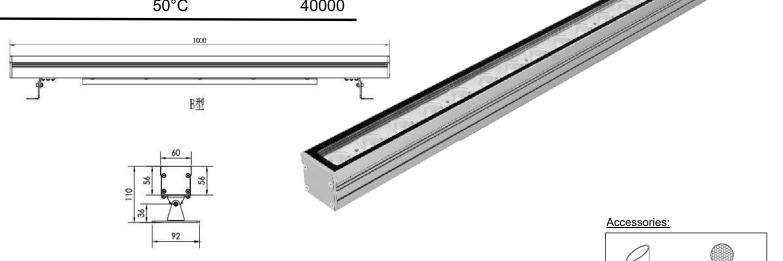
Environment Dry/Damp/Wet Location, IP66

Anti-Glare

Honeycomb

RoHS(€







Linear DS1409L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	6, 12, 20, 30, 45, 60, 10*70, 5*20
Lumens	Min 4284
Efficacy (Im/W)	89.2
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	48 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

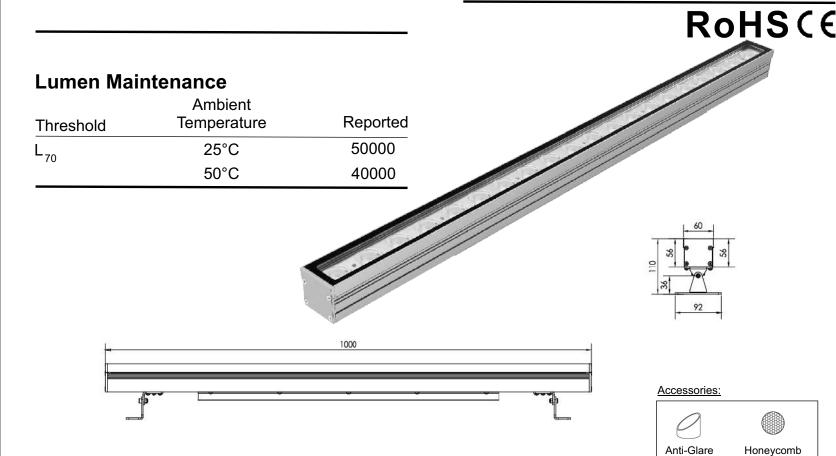
Dimensions (Height x Width x Depth)	1000X110X60 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	
Vibration Resistance	

Vibration (Colotanic

I uminaire in series	12
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66



Linear DS1410L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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$\mathbf{\circ}$	u	•	Μ	u	•

Beam Angle (In °)	15, 20, 30, 60, 15*30, 15*60
Lumens	Min 3258
Efficacy (Im/W)	90.5
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	36 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X95X50 (mm)
Weight	3.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	28
-25 to 50°C Operation	g
Vibration Resistand	;e

Certification and Safety

Mechanical Impact

Luminaire in series

Humidity

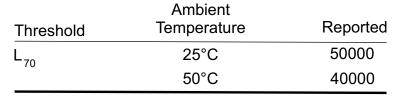
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

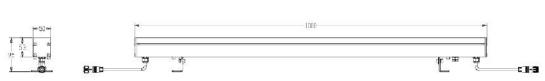
lk08

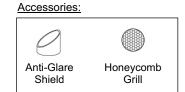
60

10 to 95%











Linear DS1411L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 1754
Efficacy (Im/W)	73
LED Channels	3000K/4000K

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	24 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X65X37 (mm)
Weight	1.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operating	ng
Wile madiene Desciatore	

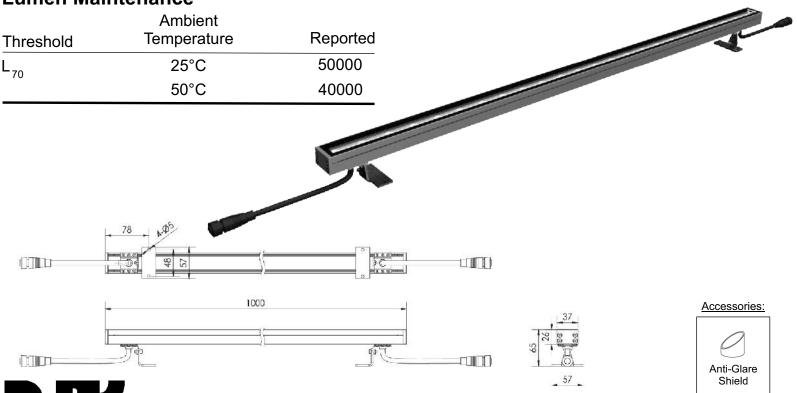
Vibration Resistance

Luminaire in series	90
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(E



Linear DS1412L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 840
Efficacy (Im/W)	70
LED Channels	3000K/4000K

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	500X65X37 (mm)
Weight	0.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	

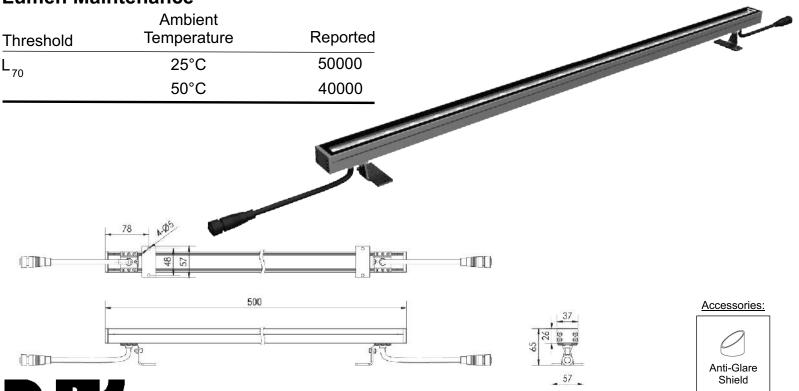
Vibration Resistance

12
10 to 95%
lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS (



Linear DS1413L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 840
Efficacy (Im/W)	70
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	9 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	500X65X37 (mm)
Weight	0.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	
Vibration Resistance	

Mechanical Impact

Luminaire in series

Humidity

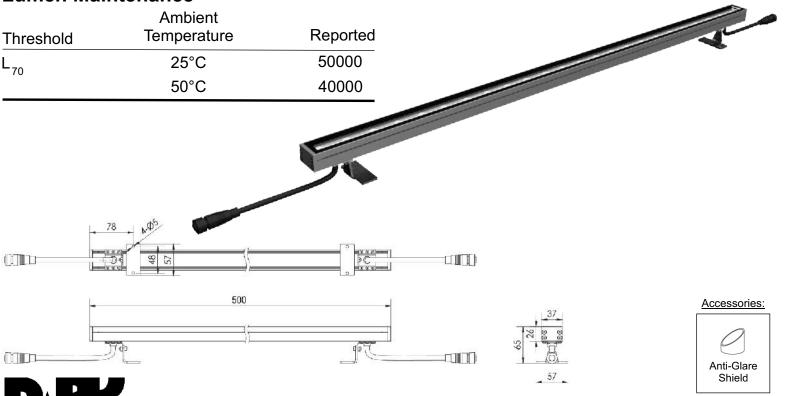
Certification ar	nd Safety
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE

lk08

16

10 to 95%



Linear DS1414L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 30,45, 60, 25*45
Lumens	Min 390
Efficacy (Im/W)	65
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

Control Mode

Interface	
Control System	
Uses: Inhouse protocol or any other third party.	

Physical

Dimensions (Height x Width x Depth)	300X65X37 (mm)
Weight	0.66 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	ce
Mechanical Impact	lk08
Humidity	10 to 95%
Luminaire in series	24

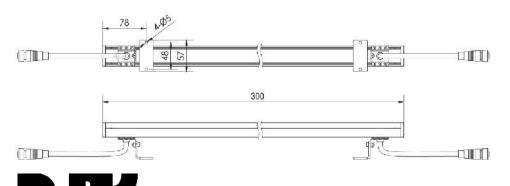
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
7.0	50°C	40000









Square DS1210F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 2964
Efficacy (Im/W)	24.7
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	120 watts
Frequency Range	50/60Hz

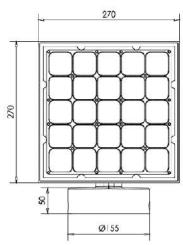
Control Mode

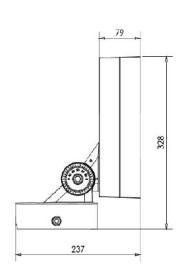
Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000





Physical

Dimensions (Height x Width x Depth)	270X270X79 (mm)
Weight	8.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	ee
Mechanical Impact	Ik08
Humidity	10 to 95%

Luminaire in series

	RoHS(€
Environment	Dry/Damp/Wet Location, IP66
Approvals	ROHS, CE, BIS
Certification a	ilu Salety

13









Square DS1211F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 1850
Efficacy (Im/W)	24.6
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	75 watts
Frequency Range	50/60Hz

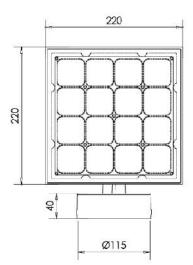
Control Mode

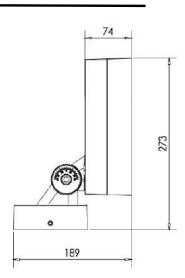
party.

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Prote	ocol or any other third

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
7.0	50°C	60000





Dimensions (Height x Width x Depth)	220X220X74 (mm)	
Weight	4.9 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	es	
-25 to 50°C Operatin	g	
Vibration Resistance	e:	
Mechanical Impact	Ik08	
Humidity	10 to 95%	

Certification and Safety

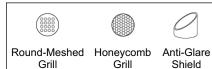
Luminaire in series

	RoHS€
Environment	Dry/Damp/Wet Location, IP66
Approvals	ROHS, CE, BIS
	ia caroty

13









Square DS1212F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 1652
Efficacy (Im/W)	41.3
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

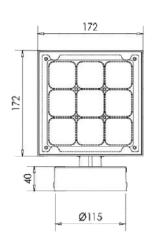
Control Mode

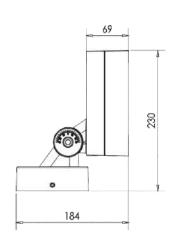
party.

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Protocol or any other third	

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000





Physical

Dimensions (Height x Width x Depth)	172X172X69 (mm)
Weight	2.9 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	9
Vibration Resistance	e
Mechanical Impact	Ik08
Humidity	10 to 95%

Certification and Safety

Luminaire in series

Certification and Safety		
Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP66	

RoHS(€

22







Square DS1213F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8 ,15 , 20, 30 ,45, 15*25 & 20*40
Lumens	Min 800
Efficacy (Im/W)	40
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	20 watts
Frequency Range	50/60Hz

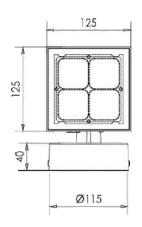
Control Mode

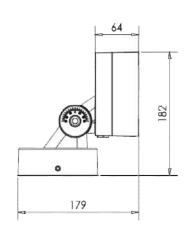
party.

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Proto	ocol or any other third

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. 0	50°C	50000





Physical

Dimensions (Height x Width x Depth)	125X125X64 (mm)
Weight	2.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	9
Vibration Resistance	ee
Mechanical Impact	Ik08
Humidity	10 to 95%

Certification and Safety

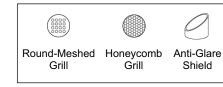
Luminaire in series

Certification and Safety	
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

66







Square DS1214F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8, 15, 20, 30 , 15*60
Lumens	Min 390
Efficacy (Im/W)	39
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

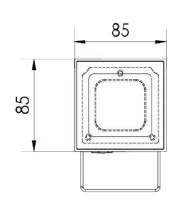
Control Mode

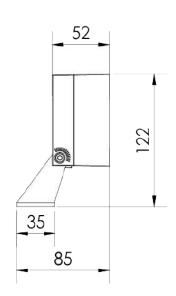
Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000





Physical

Dimensions (Height x Width x Depth)	85X85X122 (mm)
Weight	0.35 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	
Vibration Resistance	ee

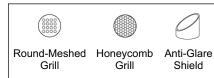
Luminaire in series	60
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

	RoHS€
Environment	Dry/Damp/Wet Location, IP66
Approvals	ROHS, CE, BIS
Certification an	iu Salety









Square DS1215F

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	20, 45 ,60, 15*25, 15*60
Lumens	Min 240
Efficacy (Im/W)	40
LED Channels	RGBW

Flectrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	6 watts	
Frequency Range	50/60Hz	

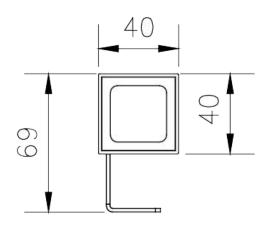
ntral Mada

Control Mode	
Interface	DMX 512/RDM
Control System	
Hege: Inhouse DMY 512 Pro	stocal or any other third

party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
7.0	50°C	60000



Physical

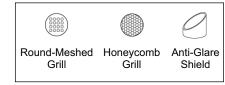
Dimensions	40X40X69 (mm)	
(Height x Width x Depth)		
Weight	0.2 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	s	
-25 to 50°C Operating		
Vibration Resistance	e	
Mechanical Impact	lk08	
Humidity	10 to 95%	
Luminaire in series	60	

Certification an	ia Sarety
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE









Rectangle DS1510U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °) 4.5, 8, 12,	20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 27360
Efficacy (Im/W)	34.2
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	800 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Temperature Range	es
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	44.65 Kgs
Dimensions (Height x Width x Depth)	585X908X200 (mm)

Vibration Resistance

-25 to 50°C Operating

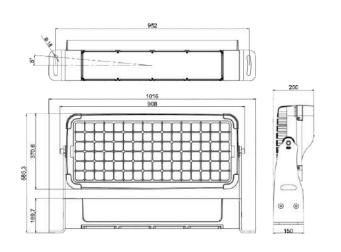
Luminaire in series	1
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000







Rectangle DS1511U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	2.6, 6,12 , 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 14658
Efficacy (Im/W)	34.9
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	420 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth	585X908X200 (mm)	
Weight	42.7 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Rang	jes	
-25 to 50°C Operati	ing	
	9	

Vibration Resistance

Luminaire in series	2
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

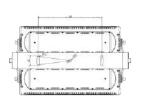
RoHS(€

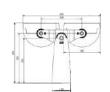
Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000



















Rectangle DS1512U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	2.6, 6, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 7644
Efficacy (Im/W)	36.4
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	210 watts
Frequency Range	50/60Hz

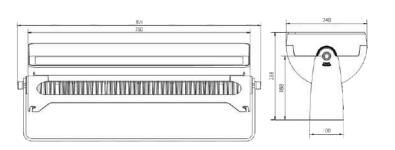
Control Mode

party.

Interface	DMX 512/RDM
Control System	
Uses: Inhouse DMX 512 Pro	tocol or any other third

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
. 0	50°C	60000



Physical

-25 to 50°C Operatin	g
Temperature Range	es
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum surface with fluorine carbon spraying
Weight	20.75 Kgs
Dimensions (Height x Width x Depth)	258X821X240 (mm)

Vibration Resistance

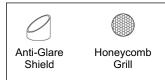
4
10 to 95%
Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHSCE







Rectangle DS1513U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	2.6, 6,12 , 20, 30, 45, 60, 10*70	& 5*20
Lumens	Min	5235
Efficacy (Im/W)		34.9
LED Channels	F	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	228X400X200 (mm)
Weight	9.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

8
10 to 95%
Ik08

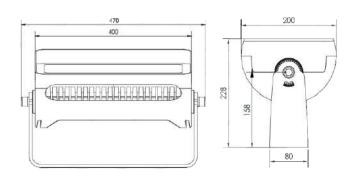
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

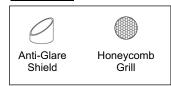
RoHS (€

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000









Rectangle DS1514U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	2.6, 6, 12, 20, 30, 45, 60, 10*70 & 5*20
Lumens	Min 3650
Efficacy (Im/W)	50.7
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	72 watts
Frequency Range	50/60Hz

Control Mode

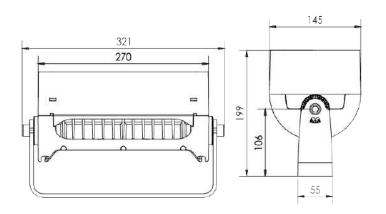
Interface	DMX 512/RDM
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Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
7.0	50°C	60000



Physical

Dimensions (Height x Width x Depth)	199X270X145 (mm)
Weight	4.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	

Vibration Resistance

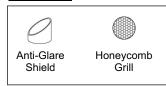
Luminaire in series	12
Humidity	10 to 95%
Mechanicai impact	IKU8

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€







Chain DS1810C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 ,45, 15* 60
Lumens	Min 4665
Efficacy (Im/W)	32.4
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	144 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM
Interface	DIVIX 512/RDIVI

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Lens

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	6.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

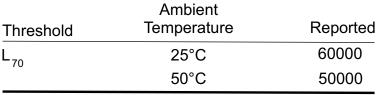
Luminaire in series	1
Humidity	10 to 95%
Mechanical Impact	lk07

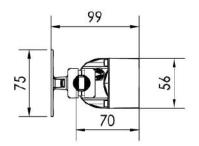
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

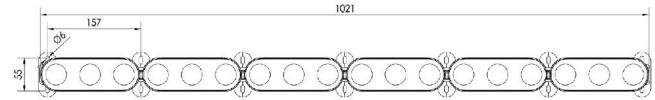
RoHS (€

Toughend Glass











Chain DS1811C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 ,45, 15* 60
Lumens	Min 2332
Efficacy (Im/W)	32.3
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	72 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	2.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

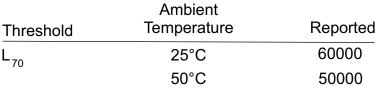
Vibration Resistance

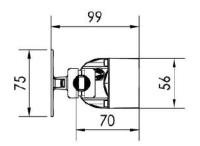
Luminaire in series	2
Humidity	10 to 95%
Mechanical Impact	lk07

Certification and Safety

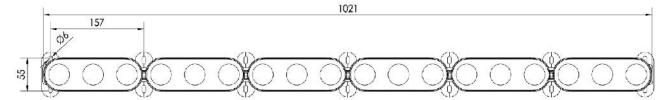
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(E











Chain DS1812C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	10, 20, 30 , 15* 60
Lumens	Min 1260
Efficacy (Im/W)	35
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	36 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	508X110X56 (mm)
Weight	3.09 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

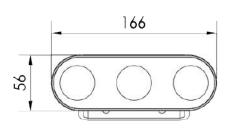
Mechanical Impact	lk07
Humidity	10 to 95%
Luminaire in series	4

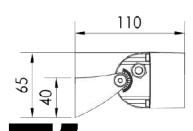
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

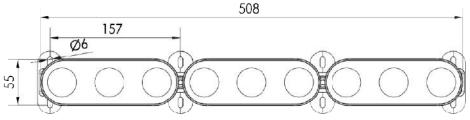
RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. 0	50°C	50000









Chain DS1813C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	10, 20, 30 , 15* 60
Lumens	Min 432
Efficacy (Im/W)	36
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

Control Mode

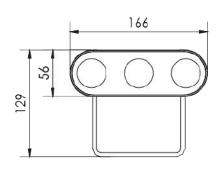
Interface	DMX 512/RDM

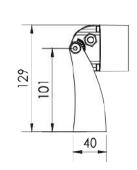
Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000





Physical

Humidity

Luminaire in series

Dimensions 166X129X56 (mn (Height x Width x Depth)		
Weight	0.8 Kgs	
Housing Material High pressure die-cast aluminu surface with fluorine carbon sprayir		
Lens Toughend Glas		
Temperature Range	es	
-25 to 50°C Operatin	ng	
Vibration Resistance	ce	
Mechanical Impact	lk07	

Certification and Safety

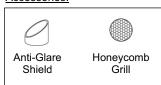
	Certification an	u Salety
Environment Dry/Damp/Wet Location IP	Approvals	ROHS, CE, BIS
Environment Bry/Bamp/vvet Location, in	Environment	Dry/Damp/Wet Location, IP66

RoHS(E

10 to 95%

12







Chain DS1814C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

 Beam Angle (In °) 6,12, 20, 30, 45, 60, 10* 70, 5*20

 Lumens
 Min 5698

 Efficacy (Im/W)
 73.3

 LED Channels
 3000K/4000K

Electrical

Input Voltage 100 to 300V AC

Power Consumption 90 watts
(Maximum at full output, steady state)

Frequency Range 50/60Hz

Control Mode

Interface CC

Physical

Dimensions 1021X99X56 (mm)
(Height x Width x Depth)
Weight 5.55 Kgs

Housing Material

High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Mechanical Impact Ik07
Humidity 10 to 95%
Luminaire in series 14

Certification and Safety

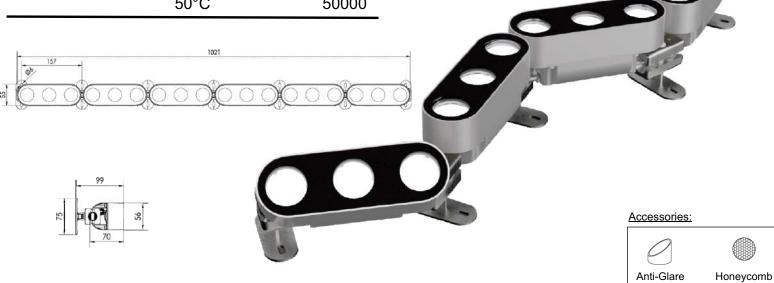
Approvals ROHS, CE, BIS
Environment Dry/Damp/Wet Location, IP66

Shield

Grill

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
70	50°C	50000





Chain DS1815C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	$6,12,20,30$, 45 , $60,10^*$ $70,5^*20$
Lumens	Min 4320
Efficacy (Im/W)	72
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

Control Mode

Interface CC

Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	5.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

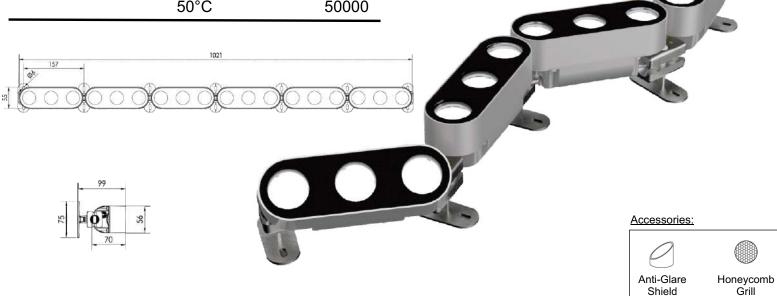
Mechanical Impact	lk07
Humidity	10 to 95%
Luminaire in series	22

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS (€

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000





Chain DS1816C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	6,12, 20, 30,45 , 60, 10* 70 , 5*20
Lumens	Min 1820
Efficacy (Im/W)	75.8
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	24 watts
Frequency Range	50/60Hz

Control Mode

Interface CC

Physical

Dimensions (Height x Width x Depth)	1021X99X56 (mm)
Weight	1.65 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.

Lens Toughend Glass

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

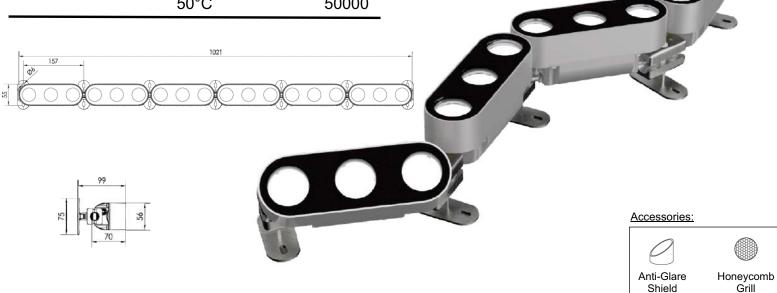
Luminaire in series	55
Humidity	10 to 95%
Mechanical Impact	lk07

Certification and Safety

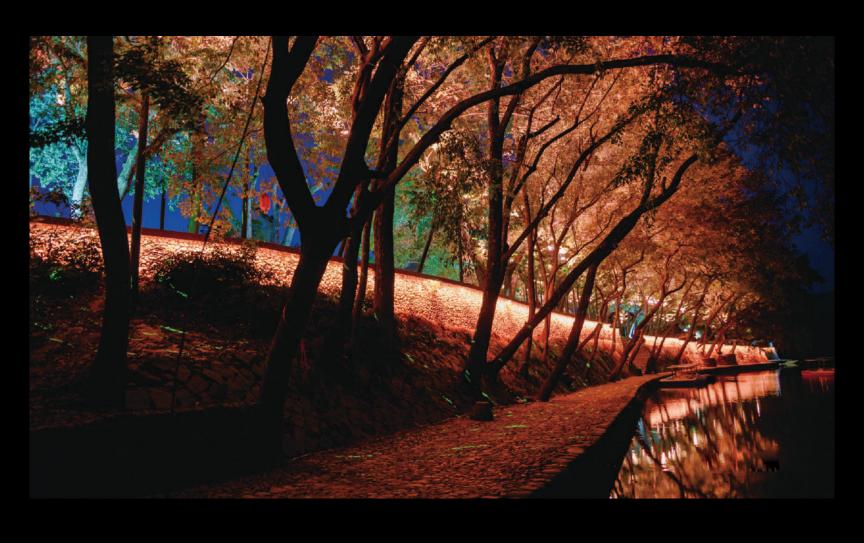
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000









Tree DS1010T

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	5,8 , 12.5 , 30 , 10* 60
Lumens	Min 5900
Efficacy (Im/W)	39.3
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	150 watts
Frequency Range	50/60Hz

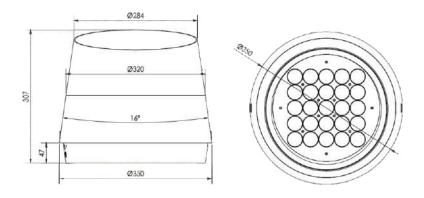
Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000



Physical

Dimensions	350X307 (mm)
(Height x Width x Depth)	
Weight	9.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	ce
Mechanical Impact	lk07
Humidity	10 to 95%

Certification and Safety

Luminaire in series

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

6

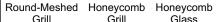


Accessories:









Glass

Anti-Glare Shield



Tree DS1011T

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	5,8 , 12.5 , 30 , 10* 60
Lumens	Min 4000
Efficacy (Im/W)	40
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	100 watts
Frequency Range	50/60Hz

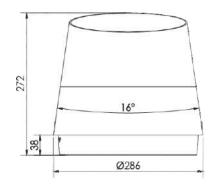
Control Mode

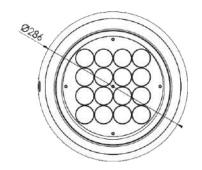
Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000





Physical

Dimensions (Height x Width x Depth)	286X272 (mm)
Weight	6.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	ce
Mechanical Impact	lk07
Humidity	10 to 95%

Certification and Safety

Luminaire in series

	RoHSCE
Environment	Dry/Damp/Wet Location, IP66
Approvals	ROHS, CE, BIS
Certification and Safety	

12



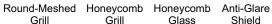
Accessories:











Glass

Shield



Tree DS1012T

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	5,8 , 12.5 , 30 , 10* 60
Lumens	Min 2520
Efficacy (Im/W)	42
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	60 watts
Frequency Range	50/60Hz

Control Mode

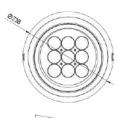
Interface	DMX 512/RDM

Control System

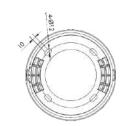
Uses: Inhouse DMX 512 Protocol or any other third party.

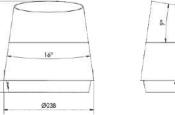
Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000











Humidity

Luminaire in series

Dimensions (Height x Width x Depth)	238X240 (mm)
Weight	4.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operatin	
Vibration Resistance	e
Mechanical Impact	lk07

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

10 to 95%

22



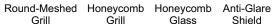
Accessories:











Glass

Shield



Tree DS1013T

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °) 6, 12 ,20), 30 ,45, 60, 10* 70* 5*20
Lumens	Min 11880
Efficacy (Im/W)	99
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	120 watts
Frequency Range	50/60Hz

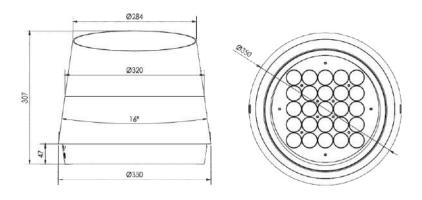
Control Mode

Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	80000
	50°C	60000



Physical

Humidity

Dimensions (Height x Width x Depth)	350X307 (mm)
Weight	9.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	
Vibration Resistance	e e
Mechanical Impact	lk07

Luminaire in series

Certification and Safety	
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP6

RoHS(€

10 to 95%

12

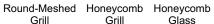


Accessories:









Glass

Anti-Glare Shield



Tree DS1014T

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °) 6, 12 ,20), 30 ,45, 60, 10* 70* 5*20
Lumens	Min 6750
Efficacy (Im/W)	90
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	75 watts
Frequency Range	50/60Hz

Control Mode

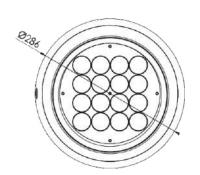
Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse Protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	80000
70	50°C	60000





Physical

286X272 (mm)
5.95 Kgs
High pressure die-cast aluminum, surface with fluorine carbon spraying.
Toughend Glass
es
g
ee
lk07
10 to 95%

Certification and Safety

Luminaire in series

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

16



Accessories:







Glass



Shield



Tree DS1015T

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °) 6, 12 ,20,	30 ,45, 60, 10* 70* 5*20
Lumens	Min 4275
Efficacy (Im/W)	95
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

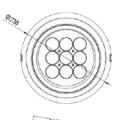
Control Mode

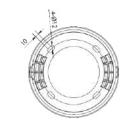
Interface	CC/DALI/0-10V
Control System	

Uses: Inhouse Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000







Physical

Dimensions (Height x Width x Depth)	238X240 (mm)
Weight	3.6 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	e:e
Mechanical Impact	lk07
Humidity	10 to 95%

Luminaire in series

Certification and Safety	
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

28



Accessories:













Glass

Anti-Glare Shield



Linear Inground DS1601LI

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 4675
Efficacy (Im/W)	46.75
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	100 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X130X110 (mm)
Weight	10.7 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	

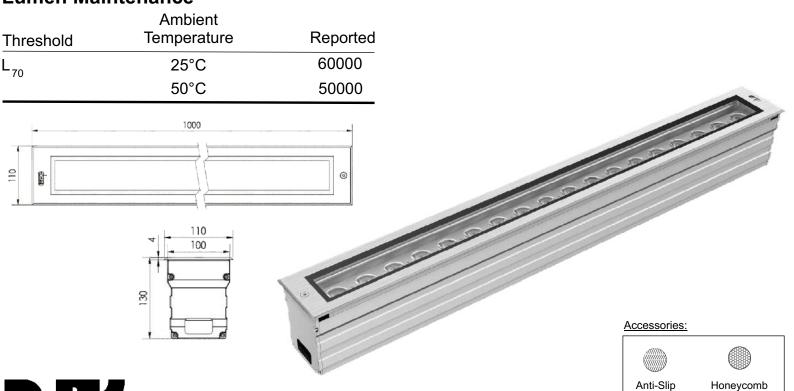
Vibration Resistance

Luminaire in series	12
Humidity	10 to 95%
Mechanical Impact	lk10

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€



Linear Inground DS1602LI

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 2250
Efficacy (Im/W)	45
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC	
Power Consumption (Maximum at full output, steady state)	50 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512/RDM
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions	500X130X110 (mm)	
(Height x Width x Depth)		
Weight	4.25 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	es	
-25 to 50°C Operatin	g	
Vibration Resistance	ee	
Mechanical Impact		
Humidity 10 to		

Certification and Safety

Luminaire in series

Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP66	

RoHS(€

26

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000



Linear Inground DS1603LI

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 1215
Efficacy (Im/W)	40.5
LED Channels	RGBW

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	30 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512/RDM

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	300X130X110 (mm)
Weight	2.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	

Vibration Resistance

Luminaire in series	40
Humidity	10 to 95%
Mechanical Impact	lk10

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	60000
. 0	50°C	50000



Linear Inground DS1604LI

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 3240
Efficacy (Im/W)	72
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption (Maximum at full output, steady state)	45 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V
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Control System

Uses: Inhouse protocol or any other third party.

Physical Dimensions

Tomporeture Bene	***
Lens	Toughend Glass
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Weight	7.45 Kgs
(Height x Width x Deptl	h)

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

Mechanical Impact

Humidity	10 to 95%
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Luminaire in series 20

Certification and Safety

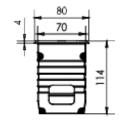
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP66

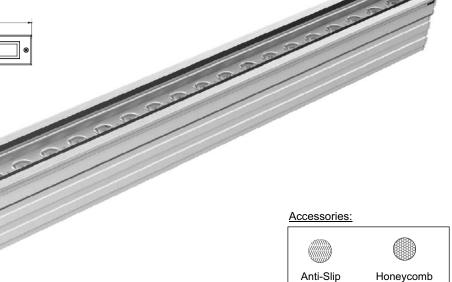
RoHS(€

1000X114X80 (mm)

Threshold	Temperature	Reported
L ₇₀	25°C	60000
	50°C	50000









Linear Inground DS1605LI

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	9 ,15 , 20, 30 , 45, 5*20
Lumens	Min 1960
Efficacy (Im/W)	70
LED Channels	3000K/4000K

Electrical

Input Voltage	100 to 300V AC
Power Consumption	28 watts
(Maximum at full output, steady state)	
Frequency Range	50/60Hz

Control Mode

Interface	CC/DALI/0-10V

Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	500X114X80 (mm)
Weight	4.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	
-25 to 50°C Operatin	g

Vibration Resistance

Luminaire in series	46
Humidity	10 to 95%
Mechanical Impact	lk10

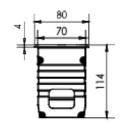
Certification and Safety

Approvais	KOHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP66	

RoHS (€

Threshold	Ambient Temperature	Reported
 L ₇₀	25°C	60000
	50°C	50000











Line Inground DS2301N

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 305
Efficacy (Im/W)	30.5
LED Channels	RGB

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X71X12 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	g
Vibration Resistance	ee
Mechanical Impact	lk10
Humidity	10 to 95%

Certification and Safety

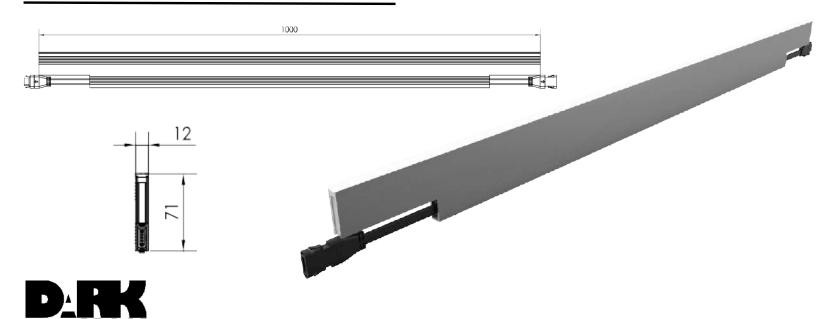
Luminaire in series

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

9

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000



Line Inground DS2302W

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 350
Efficacy (Im/W)	35
LED Channels	RGB

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X50X30 (mm)
Weight	1.4 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	
Vibration Resistance	ee

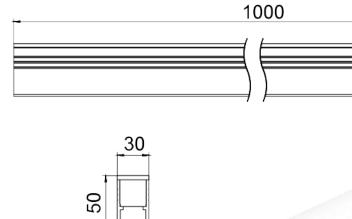
9
10 to 95%
lk10

Certification and Safety

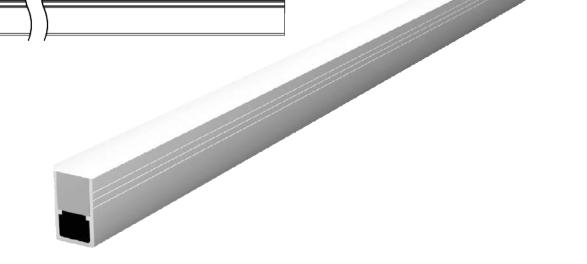
Approvais	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







Line Inground DS2303N

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Beam Angle (In °)	120
Lumens	Min 750
Efficacy (Im/W)	50
LED Channels	3000K/4000K

Flectrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

Control Mode

Interface CC

Physical

Dimensions (Height x Width x Depth)	1000X71X12 (mm)
Weight	1.1 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range)S
-25 to 50°C Operation	g

Vibration Resistance

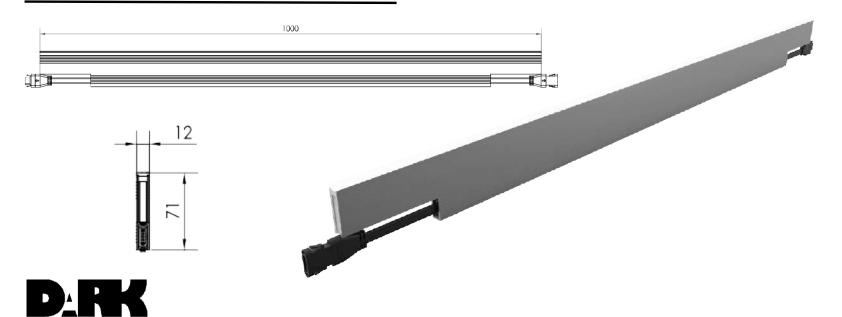
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	lk10

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000



Line Inground DS2304W

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 825
Efficacy (Im/W)	55
LED Channels	3000K/4000K

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC

Physical Dimensions

(Height x Width x Dept	h)
Weight	1.4 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range-25 to 50°C Operat	_

Vibration Resistance

9
10 to 95%
lk10

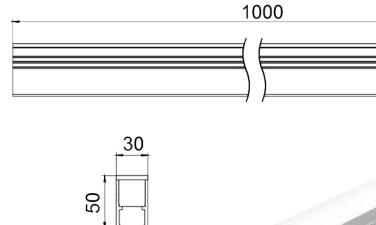
Certification and Safety

Approvais	ROHS, CE, BIS		
Environment	Dry/Damp/Wet Location, IP67		

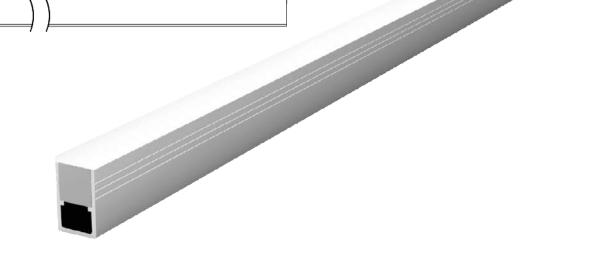
RoHS(€

1000X50X30 (mm)

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







Pathway Inground DS2305(1)

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	5,15,30,60
Lumens	Min 650
Efficacy (Im/W)	65
LED Channels	3000K/4000K

Electrical

Input Voltage	100-240 V AC
Power Consumption (Maximum at full output, steady state)	10 watts
Frequency Range	50/60Hz

Control Mode

Interface CC

Physical

Dimensions (Height x Width x Depth)	115X105 (mm)	
Weight	0.8 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	

Toughend Glass Lens

Temperature Ranges

-25 to 50°C Operating

Vibration Resistance

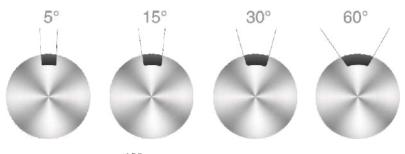
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	lk10

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
7.0	50°C	40000









Pathway Inground DS2306(2)

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	2*5,2*15,2*30,2*60
Lumens	Min 650
Efficacy (Im/W)	65
LED Channels	3000K/4000K

Electrical

Input Voltage	100-240 V AC	
Power Consumption (Maximum at full output, steady state)	10 watts	
Frequency Range	50/60Hz	

Control Mode

Interface CC

Physical

Dimensions (Height x Width x Depth)	115X105 (mm)	
Weight	0.8 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	es	
-25 to 50°C Operatin	g	
Vibration Resistance	ce	
Mechanical Impact	lk10	
Humidity	10 to 95%	

Certification and Safety

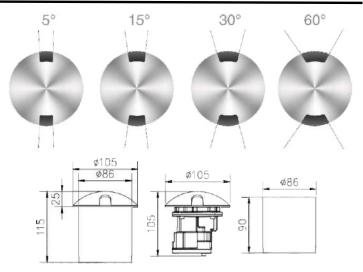
Luminaire in series

Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHS(€

9

Threshold	Temperature	Reported
 L ₇₀	25°C	50000
	50°C	40000







Pathway Inground DS2307(4)

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Beam Angle (In °)	4*60
Lumens	Min 260
Efficacy (Im/W)	65
LED Channels	3000K/4000K

Electrical

Input Voltage	100-240 V AC	
Power Consumption (Maximum at full output, steady state)	4 watts	
Frequency Range	50/60Hz	

Control Mode

Interface CC

Physical

Dimensions (Height x Width x Depth)	92X90 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistant	20

Vibration Resistance

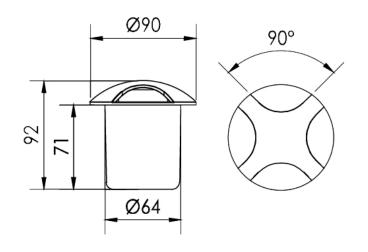
9
10 to 95%
lk10

Certification and Safety

Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHS(€

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000







Pathway Inground DS2308(M)

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Beam Angle (In °)	12*15
Lumens	Min 260
Efficacy (Im/W)	65
LED Channels	3000K/4000K

Electrical

Input Voltage	100-240 V AC
Power Consumption	4 watts
(Maximum at full output, steady state)	
Frequency Range	50/60Hz

Control Mode

Interface CC

Physical

Humidity

Dimensions (Height x Width x Depth)	92X90 (mm)
Weight	0.8 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	ng
Vibration Resistance	ce
Mechanical Impact	lk10

Certification and Safety

Luminaire in series

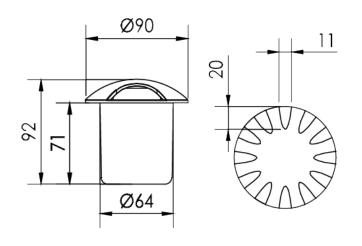
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

10 to 95%

9

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000







Direct View DS3301S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	160
Lumens	Min 180
Efficacy (Im/W)	12
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	15 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X38.8X16 (mm)
Weight	0.85 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	
-25 to 50°C Operatin	g

Vibration Resistance

Luminaire in series	10
Humidity	10 to 95%
Mechanical Impact	Ik08

Certification and Safety

Approvais	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS (€

Lumen wa	Ambient		
Threshold	Temperature	Reported	
L ₇₀	25°C	50000	
7.0	50°C	40000	
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Direct View DS3302S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	160
Lumens	Min 96
Efficacy (Im/W)	12
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	8 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Humidity

Luminaire in series

Dimensions (Height x Width x Depth)	500X38.8X16 (mm)
Weight	0.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es .
-25 to 50°C Operatin	g
Vibration Resistance	:e
Mechanical Impact	lk08

Certification and Safety

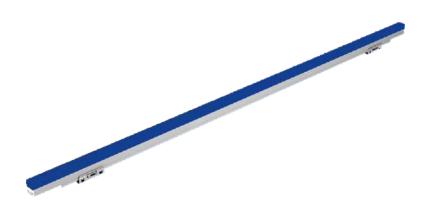
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

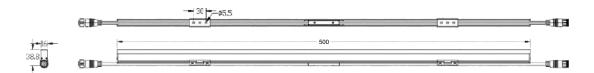
RoHS(€

10 to 95%

10

Threshold	Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







Direct View DS3303S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	160
Lumens	Min 60
Efficacy (Im/W)	12
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	5 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512	
Control Sys	stem	
	D10/540 D / 1	41 41 1

Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000

Physical

Dimensions 300X38.8X16 (media) (Height x Width x Depth)		
Weight	0.15 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	es	
-25 to 50°C Operatin	9	
Vibration Resistance	ee	
Mechanical Impact	Ik08	
Humidity	10 to 95%	

Certification and Safety

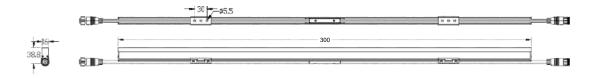
Luminaire in series

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

10







Direct View DS3304R

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	180
Lumens	Min 195
Efficacy (Im/W)	13
LED Channels	RGBW

Electrical

Input Voltage	24V DC	
Power Consumption (Maximum at full output, steady state)	15 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	1000X38.8X16 (mm)		
Weight	0.85 Kgs		
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.		
Lens	Toughend Glass		
Temperature Range	PS		
-25 to 50°C Operatin	g		

Vibration Resistance

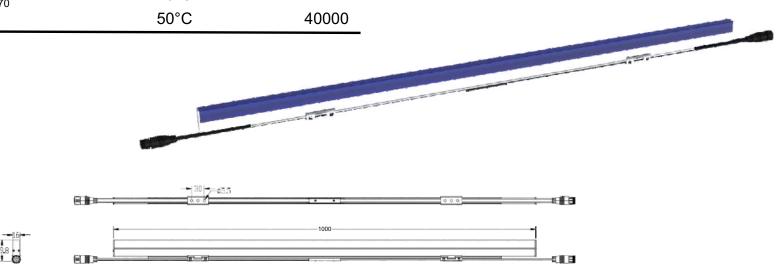
Luminaire in series	10
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvais	RUNS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHSCE

Threshold	Ambient Temperature	Reported	
L ₇₀	25°C	50000	
70	50°C	40000	





Direct View DS3305R

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	180
Lumens	Min 104
Efficacy (Im/W)	13
LED Channels	RGBW

Flectrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	8 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512
Control System	

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	500X38.8X16 (mm)
Weight	0.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	 9\$
-25 to 50°C Operatin	g
Vibration Resistance	ce c

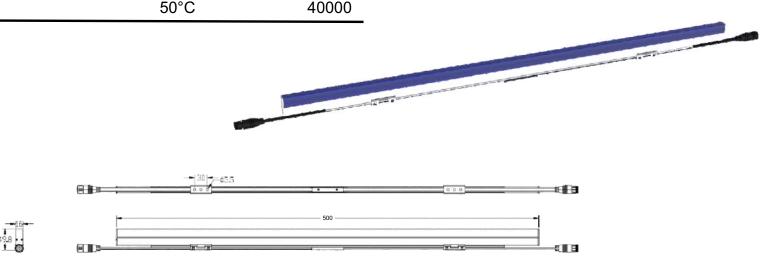
Luminaire in series	10
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvais	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000





Direct View DS3306S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	180
Lumens	Min 65
Efficacy (Im/W)	13
LED Channels	RGBW

Flactrical

Input Voltage	24V DC	
Power Consumption (Maximum at full output, steady state)	5 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	DMX 512

Control System Uses: Inhouse DMX 512 Protocol or any other third party.

Lumen Maintenance

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000

Physical

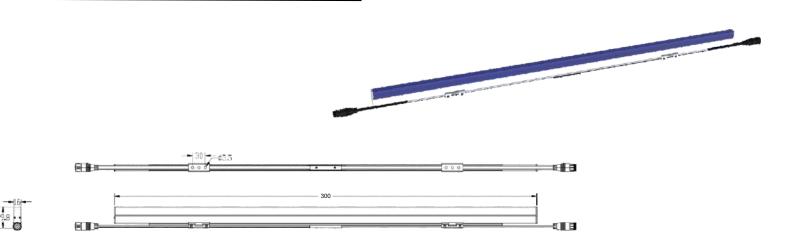
Dimensions (Height x Width x Depth)	300X38.8X16 (mm)	
Weight	0.15 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	es	
-25 to 50°C Operatin	g	
Vibration Resistance	ce	

Luminaire in series	10
Humidity	10 to 95%
Mechanical Impact	lk08

Certification and Safety

Approvals	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHS(€





DOT DS3307D

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 96
Efficacy (Im/W)	32
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	3 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth	27.8X51.5 (mm)
Weight	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Ranger-25 to 50°C Operation	
Vibration Resistan	nce

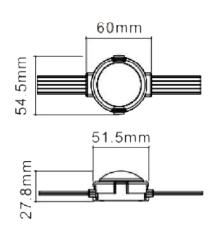
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	Ik06

Certification and Safety

Approvais	KUNS, CE, DIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







DOT DS3308D

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	120
Lumens	Min 58
Efficacy (Im/W)	32.2
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	1.8 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	27.8X51.5 (mm)
Weight	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens Toughend Gla	
Temperature Range	es
-25 to 50°C Operating	g

Vibration Resistance

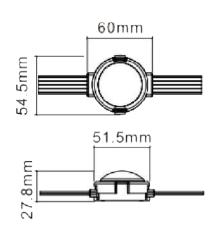
9
10 to 95%
lk06

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
. •	50°C	40000







DOT DS3309D

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 30
Efficacy (Im/W)	30
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	1 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	21.5X23.6 (mm)
Weight	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatir	ng
Vibration Resistan	ce

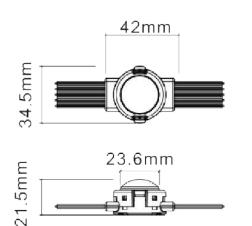
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	Ik06

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







DOT DS3310D

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 270
Efficacy (Im/W)	45
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	6 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

(Height x Width x Depth)	66X112 (mm ₎
Weight	0.35 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	

Vibration Resistance

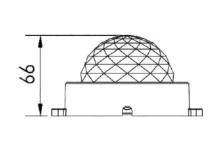
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	Ik06

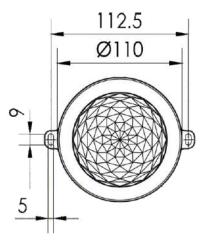
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHSCE

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000









DOT DS3311D

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	120
Lumens	Min 158
Efficacy (Im/W)	45.14
LED Channels	RGBW

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	3.5 watts
Frequency Range	50/60Hz

Control Mode

Interface	DMX 512

Control System

Uses: Inhouse DMX 512 Protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	500X38.8X16 (mm)
Weight	0.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es
-25 to 50°C Operatin	g
Vibration Resistance	ee

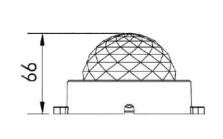
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	Ik06

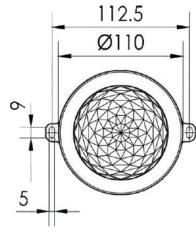
Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000













Marker DS4101S

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	2,20,30, 60
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K

Electrical

Input Voltage	240V AC	
Power Consumption (Maximum at full output, steady state)	8 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	СС
Control System	
Uses: Inhouse protocol or any other third party.	

Physical

Dimensions (Height x Width x Depth)	71X129 (mm)	
Weight	1.1 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	2S	
-25 to 50°C Operatin	g	
Vibration Resistance	ce	
Mechanical Impact	Ik08	
Humidity	10 to 95%	

Certification and Safety

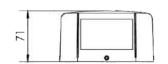
Luminaire in series

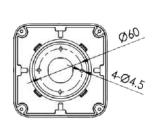
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

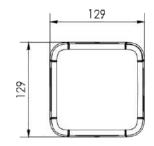
RoHS(€

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Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000











Marker DS4102L

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	2*120
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K

Electrical

Input Voltage	240V AC	
Power Consumption (Maximum at full output, steady state)	36 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

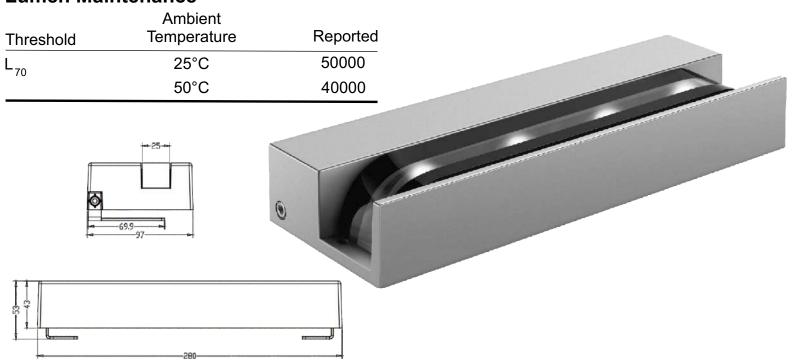
Dimensions (Height x Width x Depth)	280X43X97 (mm)
Weight	0.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	2S
-25 to 50°C Operatin	g
Vibration Resistance	e
Machanical Impact	II-00

9
10 to 95%
Ik08

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€





Marker DS4103V

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	8*120
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K

Electrical

Input Voltage	240V AC	
Power Consumption (Maximum at full output, steady state)	20 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Humidity

Dimensions (Height x Width x Depth)	165X55X73 (mm)	
Weight	0.6 Kgs	
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.	
Lens	Toughend Glass	
Temperature Range	es	
-25 to 50°C Operatin	g	
Vibration Resistance	ce	
Mechanical Impact	lk08	

Certification and Safety

Luminaire in series

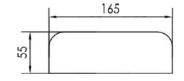
Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

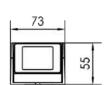
RoHSCE

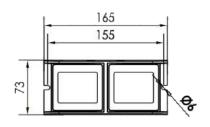
10 to 95%

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Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000











Marker DS4104C

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	2*120
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K

Electrical

Input Voltage	240V AC	
Power Consumption (Maximum at full output, steady state)	3 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	110X40X70 (mm)
Weight	0.45 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operatin	
Vibration Resistance	ee
Mechanical Impact	Ik08
Humidity	10 to 95%

Certification and Safety

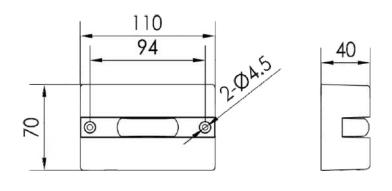
Luminaire in series

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS(€

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Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000







UnderPool DS5101U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

Output

Beam Angle (In °)	8.12.5,20,30,45
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K/4000K

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	16 watts
Frequency Range	50/60Hz

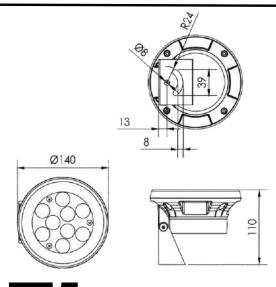
Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Lumen Maintenance

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000



Physical

Dimensions	110X140 (mm)
(Height x Width x Depth)	
Weight	2.2 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	9
Vibration Resistanc	e
Mechanical Impact	lk10
Humidity	10 to 95%
Luminaire in series	9

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS (€



UnderPool DS5102U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	8.12.5,20,30,45
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K/4000K

Electrical

Input Voltage	24V DC
Power Consumption (Maximum at full output, steady state)	12 watts
Frequency Range	50/60Hz

Control Mode

Interface	СС
Control System	
Uses: Inhouse protocol or any other third party.	

Physical

Dimensions (Height x Width x Depth)	96X115 (mm)
Weight	1.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	S
-25 to 50°C Operating	g
Vibration Resistance	e
Mechanical Impact	lk10
Humidity	10 to 95%

Certification and Safety

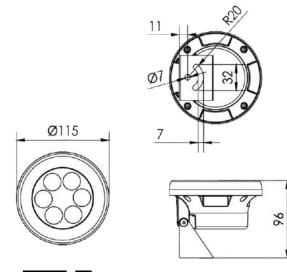
Luminaire in series

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

RoHS€€

9

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







UnderPool DS5103U

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	8.12.5,20,30,45
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K/4000K

Electrical

Input Voltage	24V DC	
Power Consumption (Maximum at full output, steady state)	7 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	
Control System	
Uses: Inhouse protocol or any other third party.	

Physical

Dimensions (Height x Width x Depth)	96X115 (mm)
Weight	1.25 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operation	
Vibration Resistance	ce

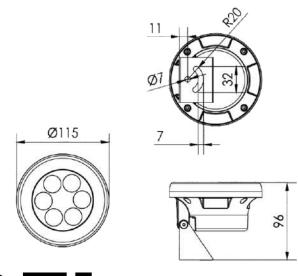
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	lk10

Certification and Safety

Approvals	ROHS, CE, BIS
Environment	Dry/Damp/Wet Location, IP67

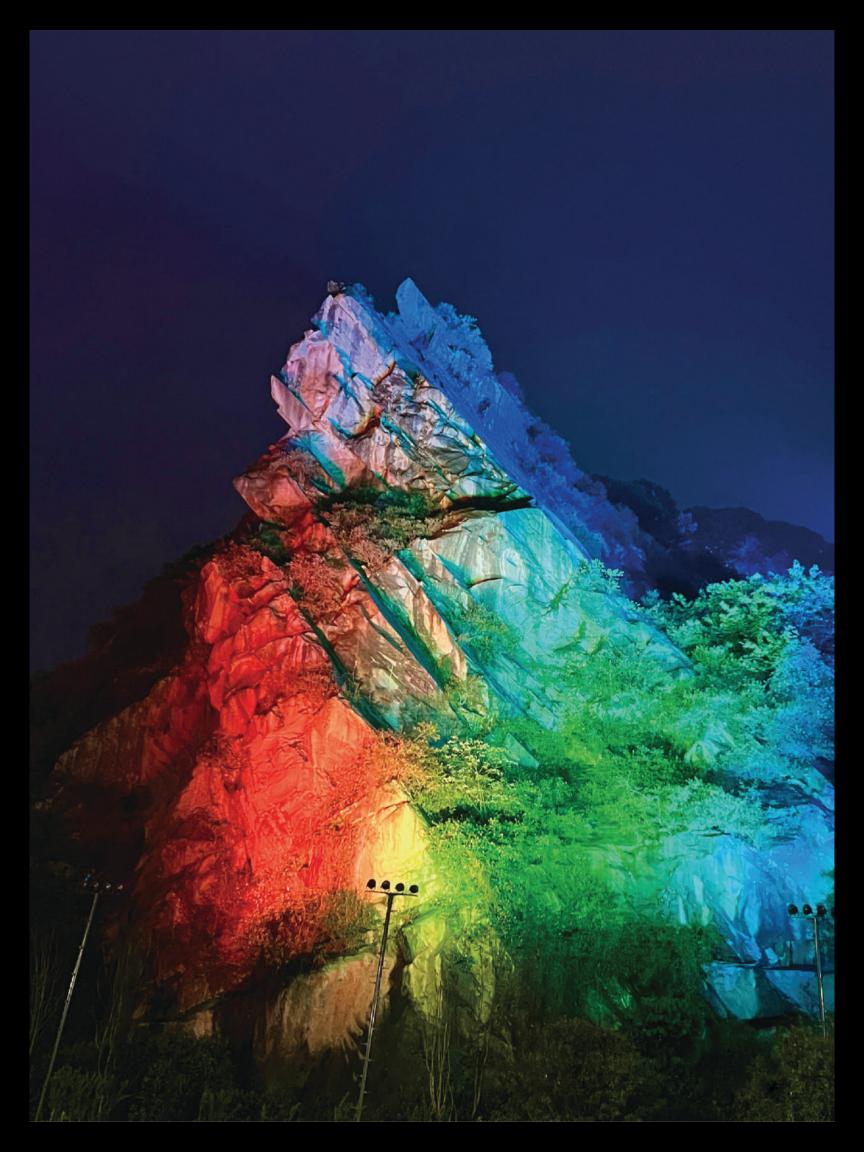
RoHS(€

Threshold	Temperature	Reported
L ₇₀	25°C	50000
	50°C	40000









Surface DS6110

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	15,24,36,60
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K

Electrical

Input Voltage	240V AC	
Power Consumption (Maximum at full output, steady state)	30 watts	
Frequency Range	50/60Hz	

Control Mode

Interface	CC

Control System

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	155X320 (mm)
Weight	3.15 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range	es

Vibration Resistance

-25 to 50°C Operating

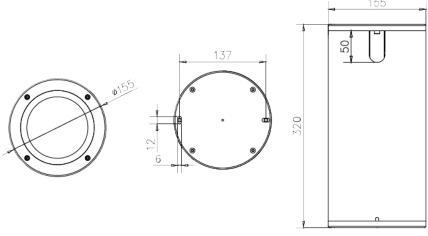
9
10 to 95%
lk08

Certification and Safety

Approvals	ROHS, CE, BIS		
Environment	Dry/Damp/Wet Location, IP67		

RoHS(€

Threshold	Ambient Temperature	Reported
L ₇₀	25°C	50000
70	50°C	40000







Surface DS6111

Technical Specifications

Due to continious improvements and innovations, specifications may change without notice.

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Beam Angle (In °)	15,24,36,60
Lumens	NA
Efficacy (Im/W)	NA
LED Channels	3000K

Electrical

Input Voltage	240V AC
Power Consumption (Maximum at full output, steady state)	16 watts
Frequency Range	50/60Hz

Control Mode

Interface	CC
Control System	

Uses: Inhouse protocol or any other third party.

Physical

Dimensions (Height x Width x Depth)	100X220 (mm)
Weight	2.75 Kgs
Housing Material	High pressure die-cast aluminum, surface with fluorine carbon spraying.
Lens	Toughend Glass
Temperature Range -25 to 50°C Operating	

Vibration Resistance

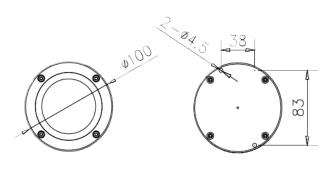
Luminaire in series	9
Humidity	10 to 95%
Mechanical Impact	Ik08

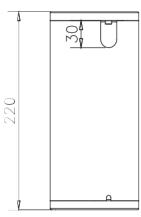
Certification and Safety

Approvais	ROHS, CE, BIS	
Environment	Dry/Damp/Wet Location, IP67	

RoHSCE

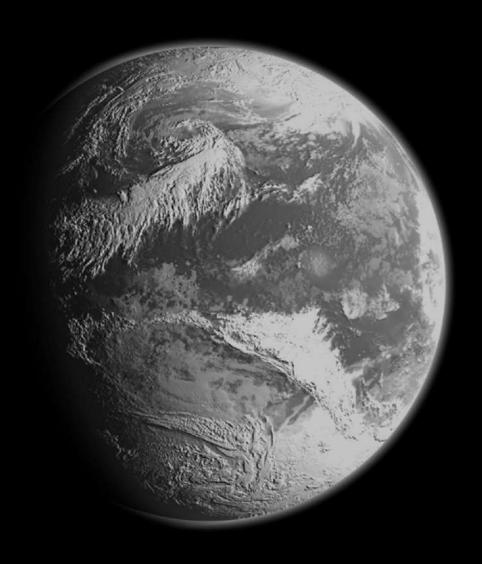
Threshold Temperature		Reported
L ₇₀	25°C	50000
	50°C	40000











Renaissance International Solutions

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