

HE SERIES



2700-6500K

The High Efficiency Series offers high luminous efficacy with options of 120 lm/W, 160 lm/W or 200 lm/W. It meets ERP requirements and maintains excellent colour consistency with SDCM ≤ 3 . All LEDs are built on a copper base with gold wire for superior heat dissipation, ensuring long lifespan and low luminous decay. The standard protection rating is IP20, with upgrade options available up to IP54, IP65, IP67, and IP68.



Omni Via



HE SERIES 80

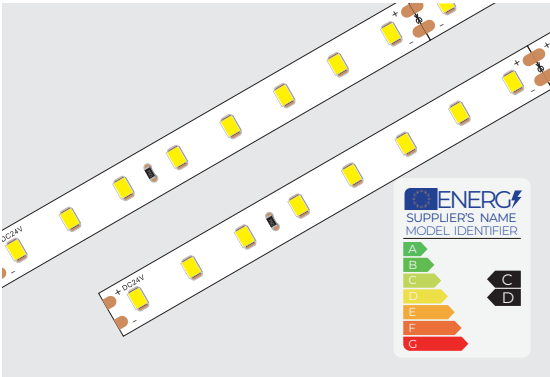
2835-10MM

High Efficacy >160LM/W.

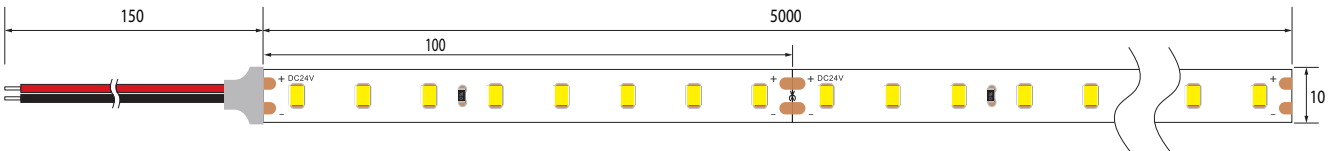
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

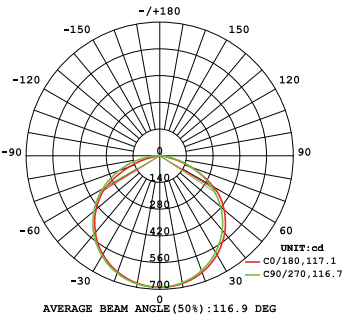
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	170.7
Beam angle	120°
LED Chips/m	80LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cutttable length(mm)	100
PCB Width(mm)	10

Voltage
24v DC

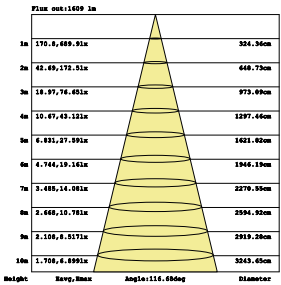
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	12	1932.0	5	CV
3000	12	1968.0	5	CV
4000	12	2048.4	5	CV
6500	12	2016.0	5	CV

*CV: Constant Voltage, CC: Constant Current.

HE SERIES 90

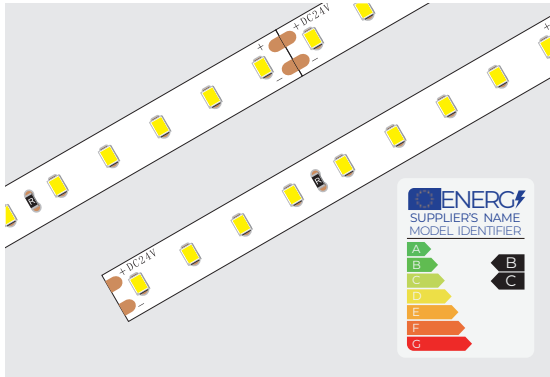
2835-10MM

High Efficacy >200LM/W.

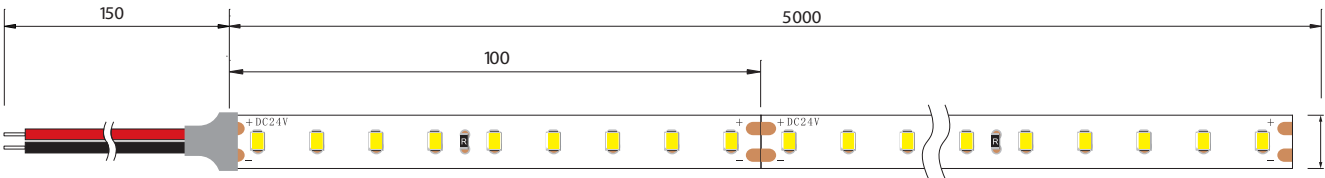
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

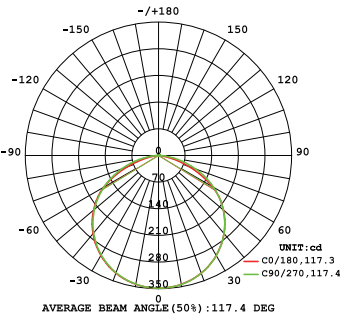
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	206
Beam angle	120°
LED Chips/m	90LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cutttable length(mm)	100
PCB Width(mm)	10

Voltage
24v DC

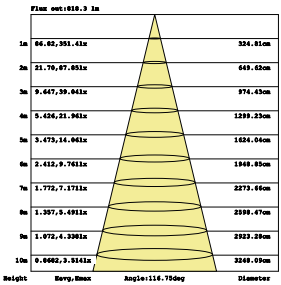
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	4.5	873	5	CV
3000	4.5	900	5	CV
4000	4.5	927	5	CV
6500	4.5	900	5	CV

*CV: Constant Voltage, CC: Constant Current.

HE SERIES 160

2835-10MM

High Efficacy >160LM/W.

Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



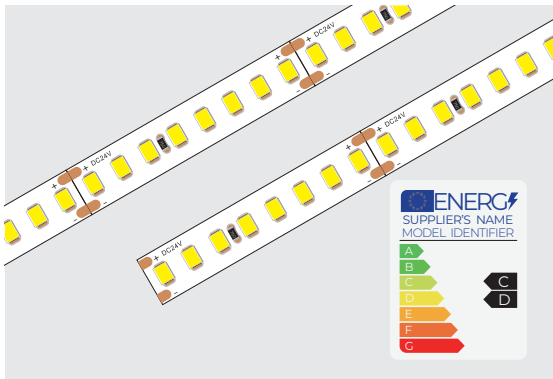
Consistency
One Bin



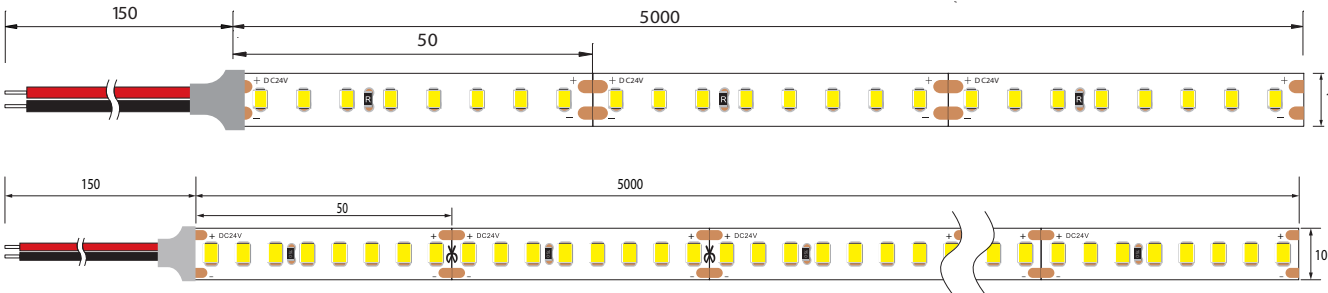
Warranty
5 Years



3-Step
MacAdam

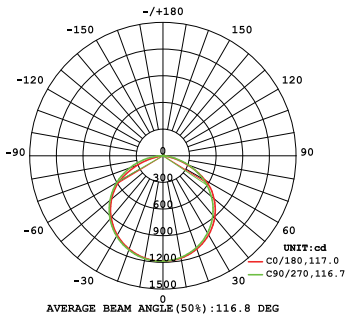


Dimensions

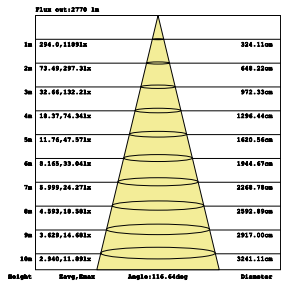


Technical Data

Input voltage	DC24V	DC24V
CRI(Ra)	>90	>90
Lm/w@4000k	172.2	171
Beam angle	120°	120°
LED Chips/m	160LEDs	160LEDs
LONG-life LED	50000h	50000h
Working temperture	-25℃~+45℃	-25℃~+45℃
Cuttable length(mm)	50	50
PCB Width(mm)	10	10



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	20	3220.0	5	CV
	14.4	2304		
3000	20	3260.0	5	CV
	14.4	2347		
4000	20	3444.0	5	CV
	14.4	2462		
6500	20	3360.0	5	CV
	14.4	2405		

*CV: Constant Voltage, CC: Constant Current.

HE SERIES 180

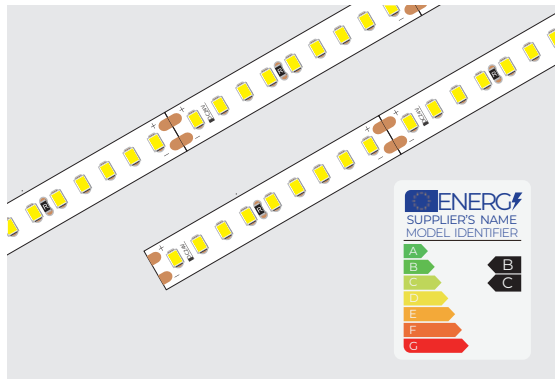
2835-10MM

High Efficacy >200LM/W.

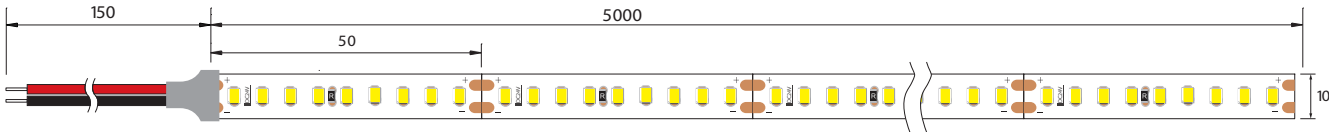
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	204
Beam angle	120°
LED Chips/m	180LEDs
LONG-life LED	50000h
Working temperture	-25℃~+45℃
Cuttable length(mm)	50
PCB Width(mm)	10



Voltage
24v DC



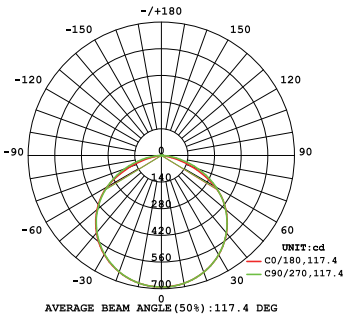
3-Step
MacAdam



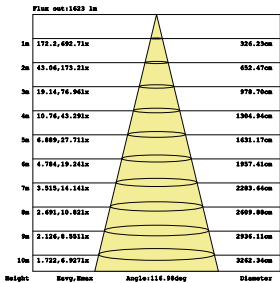
Consistency
One Bin



Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	9	1728.0	5	CV
3000	9	1764.0	5	CV
4000	9	1836.0	5	CV
6500	9	1773.0	5	CV

*CV: Constant Voltage, CC: Constant Current.

HE SERIES 192

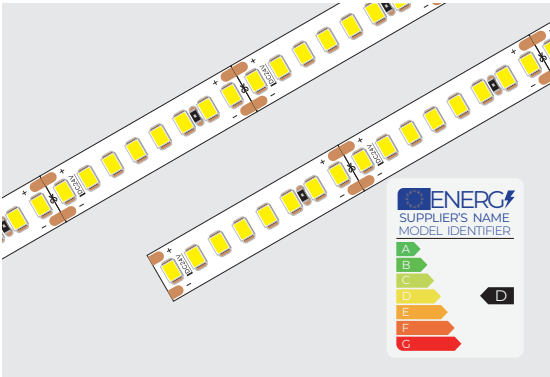
2835-10MM

High Efficacy >160LM/W.

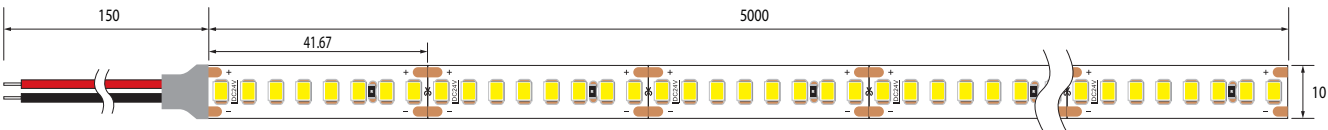
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

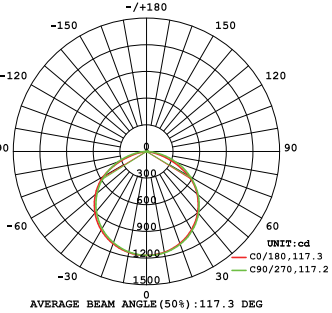
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	170
Beam angle	120°
LED Chips/m	192LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	41.67
PCB Width(mm)	10

Voltage
24v DC

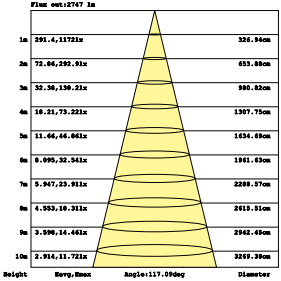
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	19.2	3091.2	5	CV
3000	19.2	3129.6	5	CV
4000	19.2	3264.0	5	CV
6500	19.2	3225.6	5	CV

*CV: Constant Voltage, CC: Constant Current.

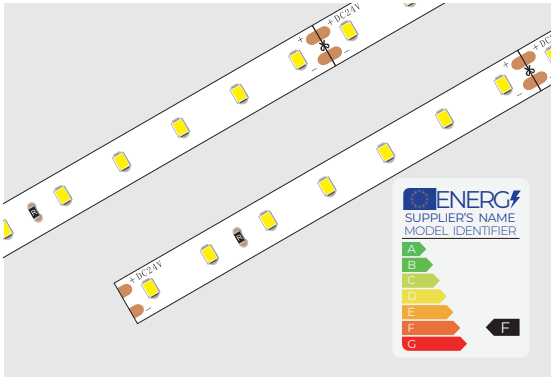
HE SERIES 70

2835-10MM

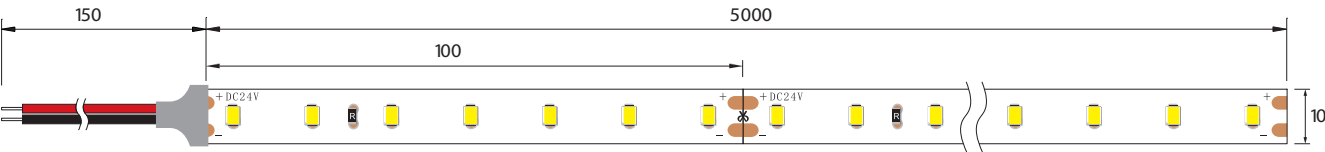
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

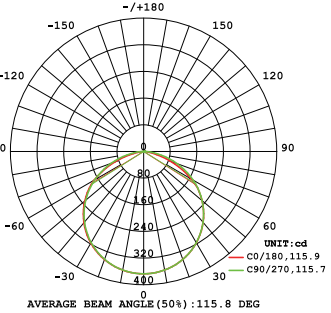
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	108
Beam angle	120°
LED Chips/m	70LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	100
PCB Width(mm)	10

Voltage
24v DC

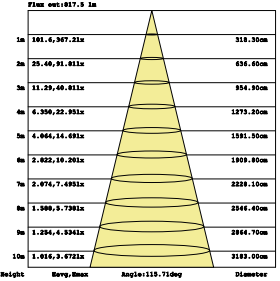
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	9.6	940.8	5	CV
3000	9.6	988.8	5	CV
4000	9.6	1036.8	5	CV
6500	9.6	1027.2	5	CV

*CV: Constant Voltage, CC: Constant Current.

HE SERIES 140

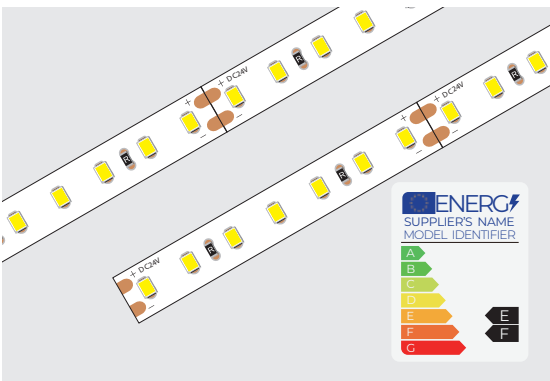
2835-10MM

High Efficacy >120LM/W.

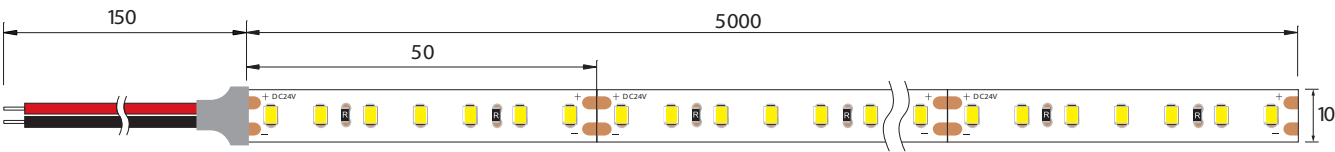
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

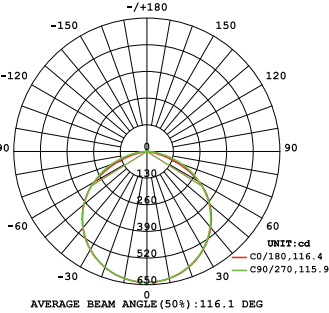
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	122
Beam angle	120°
LED Chips/m	140LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	50
PCB Width(mm)	10

Voltage
24v DC

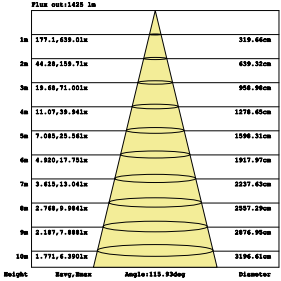
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	14.4	1612.8	5	CV
3000	14.4	1684.8	5	CV
4000	14.4	1756.8	5	CV
6500	14.4	1713.6	5	CV

*CV: Constant Voltage, CC: Constant Current.

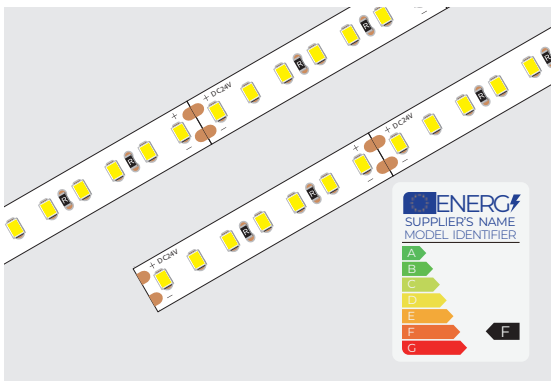
HE SERIES 210

2835-10MM

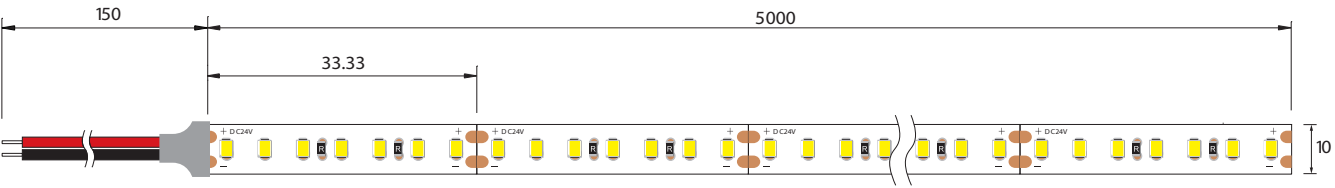
Small cuttable lengths to support widely customisable lengths for precise site installation.

SDCM≤3 to ensure colour consistency.

It is IP20, which can be upgraded to IP54, IP65, IP67 and IP68 protection.



Dimensions



Technical Data

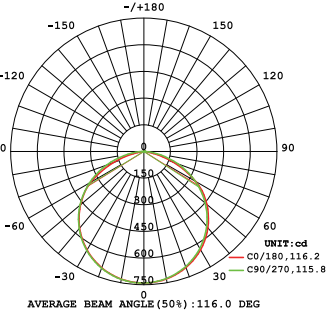
Input voltage	DC24V
CRI(Ra)	>90
Lm/w@4000k	112
Beam angle	120°
LED Chips/m	210LEDs
LONG-life LED	50000h
Working temperture	-25 C ~+45 C
Cuttable length(mm)	33.33
PCB Width(mm)	10

Voltage
24v DC

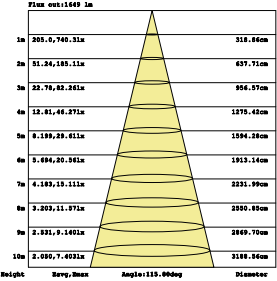
3-Step
MacAdam

Consistency
One Bin

Warranty
5 Years



Light Distribution Curve



Effective Average Illuminance

CCT (K)	Power (W/M)	Lumen (LM/M)	Max.run length(M)	CV/CC
2700	19.2	1958.4	5	CV
3000	19.2	2054.4	5	CV
4000	19.2	2150.4	5	CV
6500	19.2	2092.8	5	CV

*CV: Constant Voltage, CC: Constant Current.