

BEGA**24 085**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire with shielded light.
Light emission $4 \times 90^\circ$.
Fully glare free light for lighting wall surfaces
and for interior or exterior lighting design.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass
Optical silicone lens
Light sector $4 \times 90^\circ$
Mounting plate with
4 mounting holes $\varnothing 4,5$ mm
Distance apart 86×86 mm
2 cable entries for through-wiring of mains
supply cable $\varnothing 7-12$ mm,
max. 5 G 1.5[□]
Connecting terminal 2.5[□]
with plug connection
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 176-276 V
DALI-controllable
Basic insulation is provided between the mains
and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK06
Protection against mechanical
impacts < 1 joule
 – Safety mark
 – Conformity mark
Weight: 1.9 kg
This product contains light sources of energy
efficiency class(es) D

Lamp

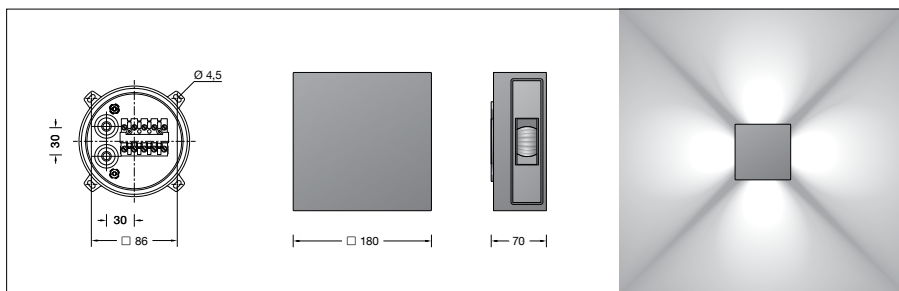
Module connected wattage	20 W
Luminaire connected wattage	23 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 35^\circ\text{C}$

24 085 K3

Module designation	4x LED-0887/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2920 lm
Luminaire luminous flux	816 lm
Luminaire luminous efficiency	35,5 lm/W

24 085 K4

Module designation	4x LED-0887/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3100 lm
Luminaire luminous flux	866 lm
Luminaire luminous efficiency	37,7 lm/W

**Service life · Ambient temperature**

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: > 200,000 h (L80B50)

Ambient temperature max. $t_a = 35^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 180,000 h (L80B50)

Lighting technology

Luminaire data for the DIALux lighting design
program for outdoor lighting, street lighting
and indoor lighting, as well as luminaire data in
EULUMDAT and IES format are available on the
BEGA website at www.bega.com.

Inrush current

Inrush current: 1.2 A / 46 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10 A: 50 luminaires
B 16 A: 80 luminaires
C 10 A: 50 luminaires
C 16 A: 80 luminaires

Ratio of luminous flux

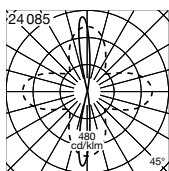
Luminous flux upper half-space	50 %
Luminous flux lower half-space	50 %

BUG rating according to IES TM-15-07:
0–3–1
CEN Flux Code according to EN 13032-2:
47–61–79–50–100–47–61–79–50

Article No. 24 085

LED colour temperature optionally 3000 K
or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**

Colour optionally graphite, white or silver
Graphite – Article number
White – Article number + **W**
Silver – Article number + **A**

Light distribution

BEGA**22 261**

Wall luminaire



Project · Reference number

Date

Product data sheet

Application

Wall luminaire for orientating lighting tasks.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Matt safety glass
Silicone gasket
2 mounting holes $\varnothing$ 4.3 mm
Distance apart 150 mm
2 cable entries for through-wiring
of connecting cable $\varnothing$ 7-10,5 mm
Connection terminal 2.5²
Earth conductor connection
BEGA Ultimate Driver®
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 176-264 V
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK07
Protection against mechanical
impacts < 2 joule
 – Safety mark
 – Conformity mark
Weight: 0.7 kg
This product contains light sources of energy
efficiency classes C, D

Lamp

Module connected wattage	4 W
Luminaire connected wattage	5.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 50^\circ\text{C}$

22 261 K3

Module designation	2x LED-0234/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	690 lm
Luminaire luminous flux	437 lm
Luminaire luminous efficiency	84 lm/W

22 261 K4

Module designation	2x LED-0234/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	700 lm
Luminaire luminous flux	443 lm
Luminaire luminous efficiency	85,2 lm/W

Ratio of luminous flux

Luminous flux upper half-space	0 %
Luminous flux lower half-space	100 %

BUG rating according to IES TM-15-07:

0-0-0

CEN Flux Code according to EN 13032-2:

60-89-98-100-100

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$

LED psu: > 50,000 h

LED module: > 200,000 h (L 80 B 50)

100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 50^\circ\text{C}$ (100 %)

LED psu: 50,000 h

LED module: 107,000 h (L 80 B 50)

Lighting technology

Luminaire data for the DIALux lighting design
program for outdoor lighting, street lighting
and indoor lighting, as well as luminaire data in
EULUMDAT and IES format are available on the
BEGA website at www.bega.com.

Inrush current

Inrush current: 7.8 A / 112 μs Maximum number of luminaires of this
type per miniature circuit breaker:

B 10 A: 38 luminaires

B 16 A: 61 luminaires

C 10 A: 64 luminaires

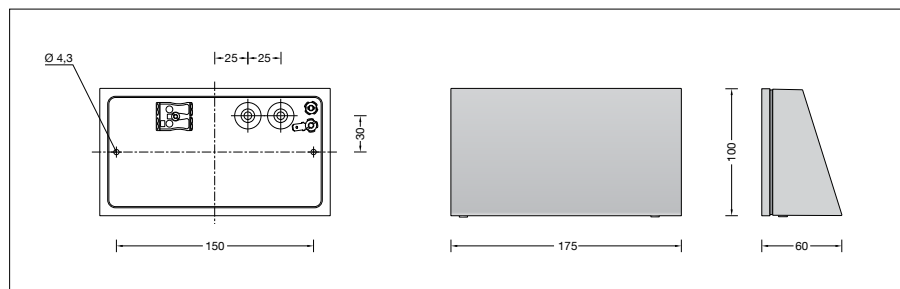
C 16 A: 102 luminaires

Article No. 22 261

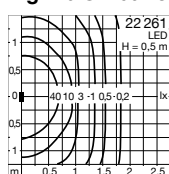
LED colour temperature optionally 3000 K
or 4000 K3000 K – Article number + **K3**4000 K – Article number + **K4**

Colour graphite or silver

graphite – article number

silver – article number + **A**

Light distribution





LEDLINE 400 45

45° wall washing light bar

Features

IK rating	IK02
IP rating	IP65
CSP Switchable	Fixed
Tilttable	180°
Dimmable Option	Driver dependent
LED Lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

UK Bathroom Zone	1
Inrush Current	N/A
Construction Material	Anodised aluminium
Weight	0.9kg
Maximum Ambient Temperature	40°C
SELV	N/A
Electric Class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	Colour	Beam	lm	lm/W	lx @ 1m
LEDLINE 400 NW 45	Black	16W	4000K	45°	1000	63	2629
LEDLINE 400 WW 45	Black	16W	3000K	45°	750	47	1972

Wiring information

Cable / Flying Lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of Wiring Required	Series

LED drivers

PLU/700 3-9	220-240V	Yes	No	1	1	1
PL/IP/700 3-9	220-240V	Yes	No	1	1	1
PLD UNI-DRIVE 700MA	220-240V	Yes	Yes (I-10V)	2	1	1

Accessories

JB4 / JB6	Gel filled junction box	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately
WCR 275 BLACK	2-core rubber cable	Sold Separately
ULBRACKET	2-piece black anodised aluminium bracket	Sold Separately

Guarantee

7 year extended warranty

Features & benefits

16W at 700mA
Coastal protected
IP65 ideal for outdoor areas
45° beam angle ideal for mid-level wall wash
Robust cable for permanent use outdoors



DASAR® 1200

recessed floor light, 34W, 3000K, IP65/IP67, square, stainless steel

The square DASAR® recessed floor light is characterised by high quality: in addition to an excellent light output of over 120lm/W, value was also placed on a long lifespan (L80/B10 50,000h) and durability. While the mechanical load of the stainless steel-covered light is 2,000 kg, it is protected from all weather conditions thanks to its IP65/67 rating. The narrow beam of light easily adapts to twilight conditions via the DALI Touch DIM. The robust mounting housing, which is available separately, makes installation both quick and easy.

TECHNICAL DATA

Item no.	1007196
IP Code	IP65/IP67
Impact resistance class	IK 10
Impact resistance	20 Joule
Assembly	Recessed
Assembly details	Ground with Acc.
Dimmable	Yes
Dimming technology	DALI,Touch
Number of through-wires	28
Mechanical loading	2 t
Primary nominal voltage	220-240V ~50/60Hz
Secondary power / voltage	900 mA
Safety class	I
Wattage	34 W
Minimum ambient temperature	-20 °C
Maximum ambient temperature	45 °C
Operating efficiency (LOR)	0,92
Network rated standby power	0.22 W
Number of luminaires at LS B16A	28
Number of luminaires at LS C16A	42
Level of inrush current	30 A
Duration of inrush current	100 µs

Light Source

	
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Accessories

1007197	Mounting housing for DASAR® 1000
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Temperature at glass (light emission)	55 °C
Stroboscopic effect (SVM)	0
Lumen	4100 lm
Colour temperature	3000 Kelvin
Beam angle	19 °
Color	stainless steel
CRI	80
LXXBXX data	L80B10
Service life	50000 h
Risk Group	1
Length	120 cm
Width	10 cm
Depth	9 cm
Net weight	4.5 kg
Gross weight	4.82 kg
Shape of cut-out	square
Installation length	122 cm
Installation width	13 cm
Installation depth	14 cm



Advance Series

► SMD Range

Data Sheet

For advanced professional applications where an optimum quality light source is required. Providing exceptional performance, >95 CRI output and premium reliability in a superior range of LED strip lights. Designed for high end installations.

Advance SMD, 24V, 80 LEDs per metre	pg.	1-2
Advance SMD, 24V, 160 LEDs per metre	pg.	3-4
Advance SMD, 24V, 60 LEDs per metre, Long Run 30m	pg.	5-6
Advance SMD, 24V, 120 LEDs per metre, Long Run 20m	pg.	7-8
Advance SMD, 48V, 144 LEDs per metre	pg.	9-11

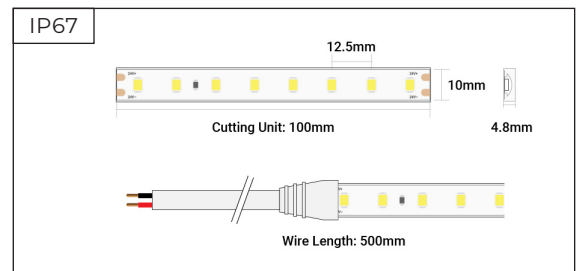
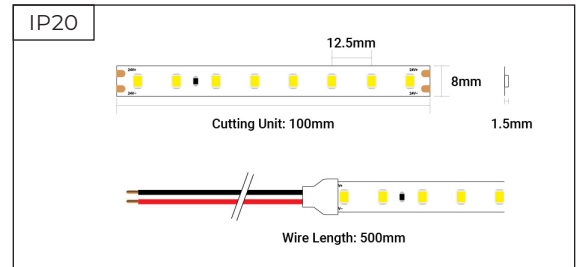


Advance SMD
- 24V - 80 LEDs per metre

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	5m	Max.	Typ.	5m
AS24-27K-80-5M-95	24V	0.3A/m	0.275A/m	1.2A	7.2W/m	6.6W/m	28.8W
AS24-27K-80-5M-95-IP	24V	0.3A/m	0.275A/m	1.2A	7.2W/m	6.6W/m	28.8W
AS24-3K-80-5M-95	24V	0.3A/m	0.275A/m	1.2A	7.2W/m	6.6W/m	28.8W
AS24-3K-80-5M-95-IP	24V	0.3A/m	0.275A/m	1.2A	7.2W/m	6.6W/m	28.8W
AS24-4K-80-5M-95	24V	0.3A/m	0.275A/m	1.2A	7.2W/m	6.6W/m	28.8W
AS24-4K-80-5M-95-IP	24V	0.3A/m	0.275A/m	1.2A	7.2W/m	6.6W/m	28.8W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
AS24-27K-80-5M-95	2700K	Yes	< 2	120°
AS24-27K-80-5M-95-IP	2700K	Yes	< 2	120°
AS24-3K-80-5M-95	3000K	Yes	< 2	120°
AS24-3K-80-5M-95-IP	3000K	Yes	< 2	120°
AS24-4K-80-5M-95	4000K	Yes	< 2	120°
AS24-4K-80-5M-95-IP	4000K	Yes	< 2	120°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	765	116	>95
3000K	3000K	805	122	>95
4000K	4000K	840	127	>95

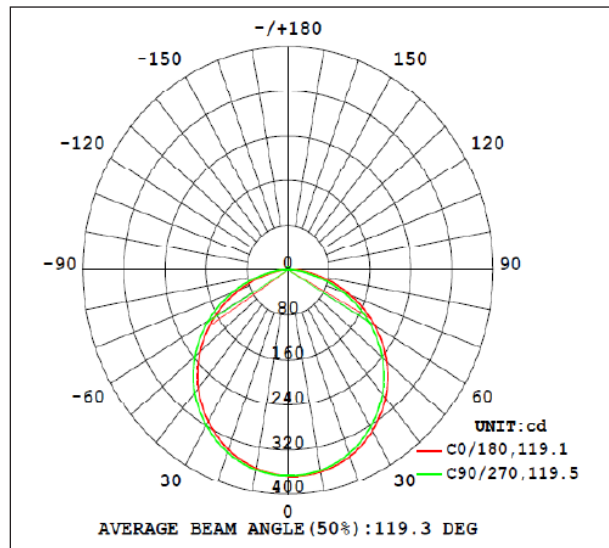
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
AS24-27K-80-5M-95	IP20	100mm	500mm	Dual End	80 LEDs
AS24-27K-80-5M-95-IP	IP67	100mm	500mm	Dual End	80 LEDs
AS24-3K-80-5M-95	IP20	100mm	500mm	Dual End	80 LEDs
AS24-3K-80-5M-95-IP	IP67	100mm	500mm	Dual End	80 LEDs
AS24-4K-80-5M-95	IP20	100mm	500mm	Dual End	80 LEDs
AS24-4K-80-5M-95-IP	IP67	100mm	500mm	Dual End	80 LEDs

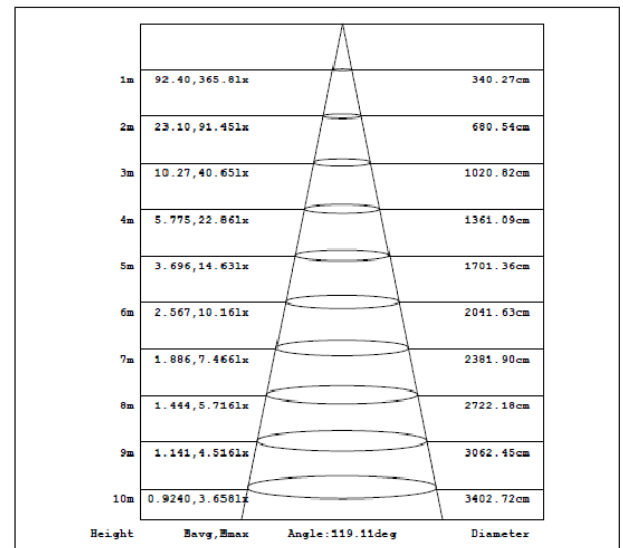
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
AS24-27K-80-5M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-27K-80-5M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-3K-80-5M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-3K-80-5M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-4K-80-5M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-4K-80-5M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years

SKU	Length	Width	Height
AS24-27K-80-5M-95	5000mm	8mm	1.5mm
AS24-27K-80-5M-95-IP	5000mm	10mm	4.8mm
AS24-3K-80-5M-95	5000mm	8mm	1.5mm
AS24-3K-80-5M-95-IP	5000mm	10mm	4.8mm
AS24-4K-80-5M-95	5000mm	8mm	1.5mm
AS24-4K-80-5M-95-IP	5000mm	10mm	4.8mm

Photometric Data (1000mm)



AAI Figure

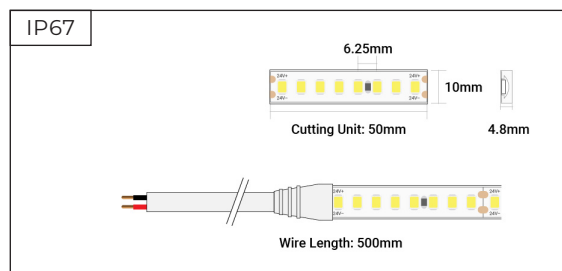
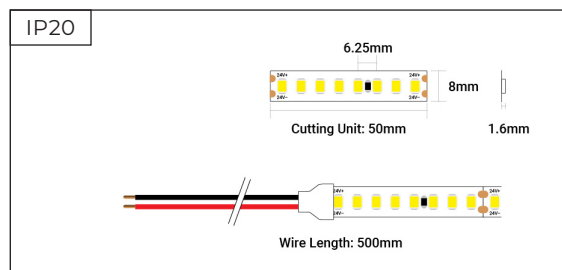


Advance SMD
- 24V - 160 LEDs per metre

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	5m	Max.	Typ.	5m
AS24-27K-160-5M-95	24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W
AS24-27K-160-5M-95-IP	24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W
AS24-3K-160-5M-95	24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W
AS24-3K-160-5M-95-IP	24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W
AS24-4K-160-5M-95	24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W
AS24-4K-160-5M-95-IP	24V	0.6A/m	0.54A/m	2.4A	14.4W/m	13.0W/m	57.6W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
AS24-27K-160-5M-95	2700K	Yes	< 2	120°
AS24-27K-160-5M-95-IP	2700K	Yes	< 2	120°
AS24-3K-160-5M-95	3000K	Yes	< 2	120°
AS24-3K-160-5M-95-IP	3000K	Yes	< 2	120°
AS24-4K-160-5M-95	4000K	Yes	< 2	120°
AS24-4K-160-5M-95-IP	4000K	Yes	< 2	120°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	1470	113	>95
3000K	3000K	1545	119	>95
4000K	4000K	1610	124	>95

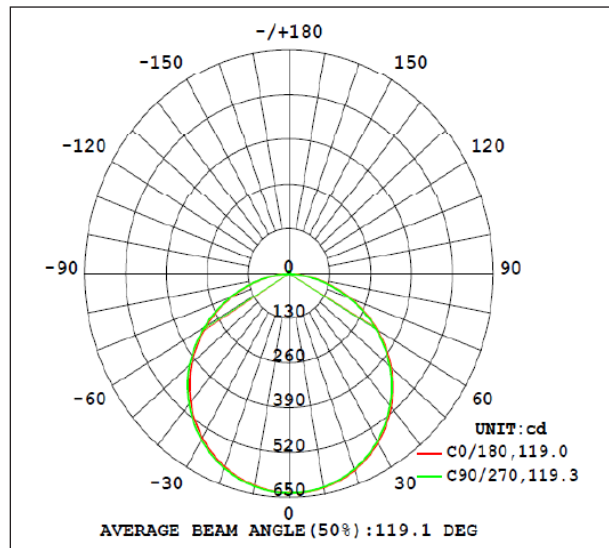
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
AS24-27K-160-5M-95	IP20	50mm	500mm	Dual End	160 LEDs
AS24-27K-160-5M-95-IP	IP67	50mm	500mm	Dual End	160 LEDs
AS24-3K-160-5M-95	IP20	50mm	500mm	Dual End	160 LEDs
AS24-3K-160-5M-95-IP	IP67	50mm	500mm	Dual End	160 LEDs
AS24-4K-160-5M-95	IP20	50mm	500mm	Dual End	160 LEDs
AS24-4K-160-5M-95-IP	IP67	50mm	500mm	Dual End	160 LEDs

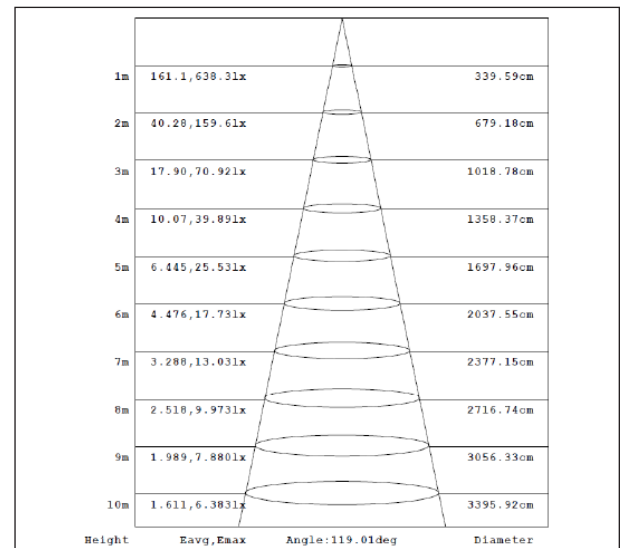
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
AS24-27K-160-5M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-27K-160-5M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-3K-160-5M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-3K-160-5M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-4K-160-5M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS24-4K-160-5M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years

SKU	Length	Width	Height
AS24-27K-160-5M-95	5000mm	8mm	1.6mm
AS24-27K-160-5M-95-IP	5000mm	10mm	4.8mm
AS24-3K-160-5M-95	5000mm	8mm	1.6mm
AS24-3K-160-5M-95-IP	5000mm	10mm	4.8mm
AS24-4K-160-5M-95	5000mm	8mm	1.6mm
AS24-4K-160-5M-95-IP	5000mm	10mm	4.8mm

Photometric Data (1000mm)



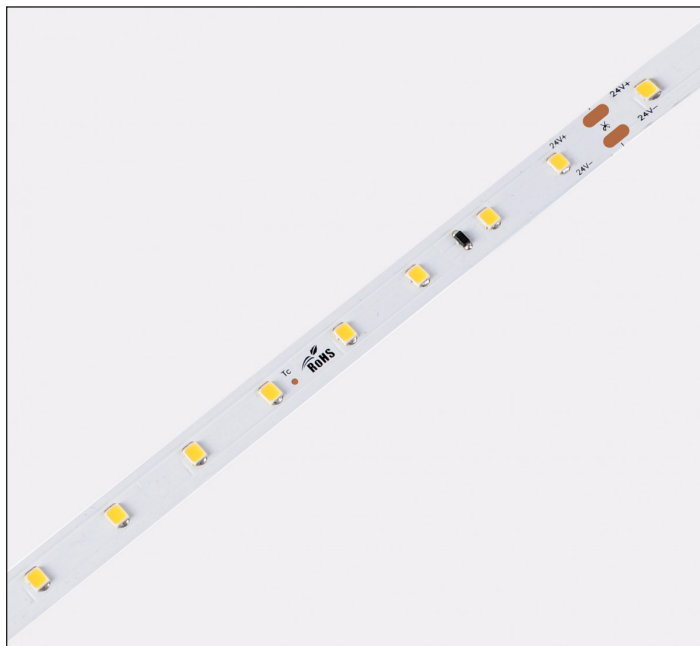
AAI Figure



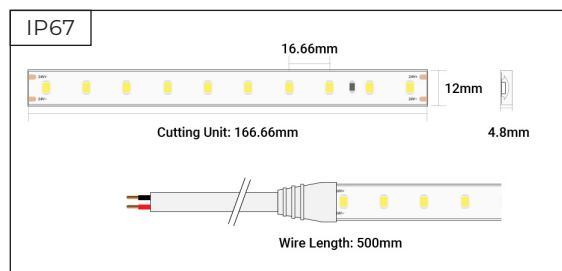
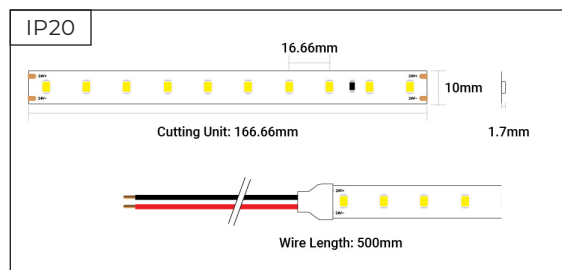
Advance SMD - Long Run 30m

- 24V - 60 LEDs per metre

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	30m	Max.	Typ.	30m
AL24-27K-60-30M-95	24V	0.19A/m	0.18A/m	5.4A	4.6W/m	4.3W/m	129.0W
AL24-27K-60-30M-95-IP	24V	0.19A/m	0.18A/m	5.4A	4.6W/m	4.3W/m	129.0W
AL24-3K-60-30M-95	24V	0.19A/m	0.18A/m	5.4A	4.6W/m	4.3W/m	129.0W
AL24-3K-60-30M-95-IP	24V	0.19A/m	0.18A/m	5.4A	4.6W/m	4.3W/m	129.0W
AL24-4K-60-30M-95	24V	0.19A/m	0.18A/m	5.4A	4.6W/m	4.3W/m	129.0W
AL24-4K-60-30M-95-IP	24V	0.19A/m	0.18A/m	5.4A	4.6W/m	4.3W/m	129.0W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
AL24-27K-60-30M-95	2700K	Yes	< 2	120°
AL24-27K-60-30M-95-IP	2700K	Yes	< 2	120°
AL24-3K-60-30M-95	3000K	Yes	< 2	120°
AL24-3K-60-30M-95-IP	3000K	Yes	< 2	120°
AL24-4K-60-30M-95	4000K	Yes	< 2	120°
AL24-4K-60-30M-95-IP	4000K	Yes	< 2	120°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	271	63	>95
3000K	3000K	296	69	>95
4000K	4000K	325	76	>95

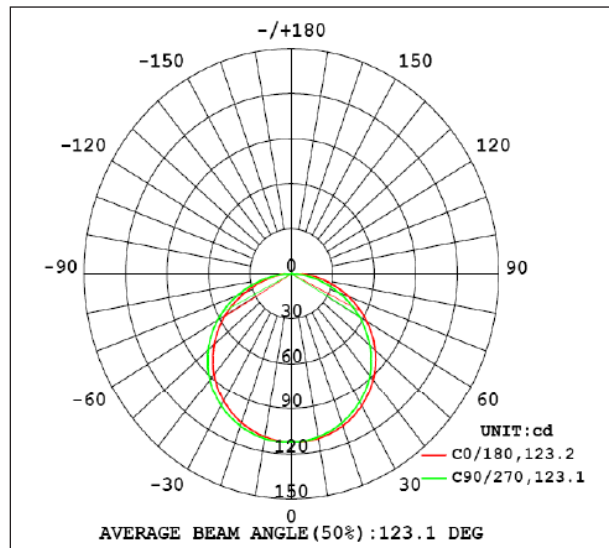
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
AL24-27K-60-30M-95	IP20	166.66mm	500mm	Single End	60 LEDs
AL24-27K-60-30M-95-IP	IP67	166.66mm	500mm	Single End	60 LEDs
AL24-3K-60-30M-95	IP20	166.66mm	500mm	Single End	60 LEDs
AL24-3K-60-30M-95-IP	IP67	166.66mm	500mm	Single End	60 LEDs
AL24-4K-60-30M-95	IP20	166.66mm	500mm	Single End	60 LEDs
AL24-4K-60-30M-95-IP	IP67	166.66mm	500mm	Single End	60 LEDs

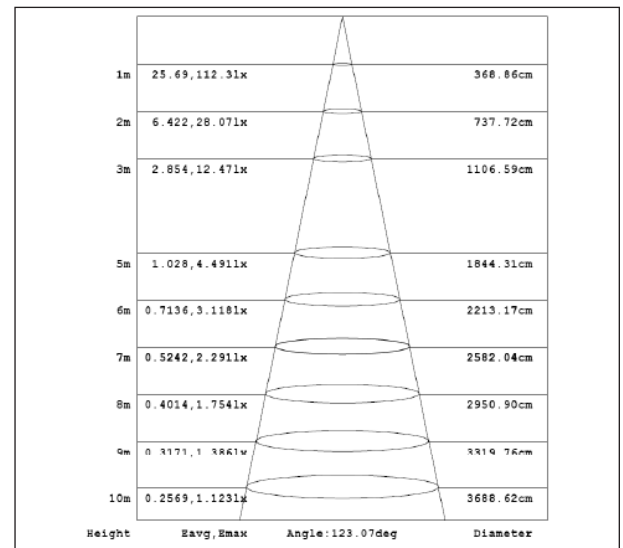
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
AL24-27K-60-30M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-27K-60-30M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-3K-60-30M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-3K-60-30M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-4K-60-30M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-4K-60-30M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years

SKU	Length	Width	Height
AL24-27K-60-30M-95	30000mm	10mm	1.7mm
AL24-27K-60-30M-95-IP	30000mm	12mm	4.8mm
AL24-3K-60-30M-95	30000mm	10mm	1.7mm
AL24-3K-60-30M-95-IP	30000mm	12mm	4.8mm
AL24-4K-60-30M-95	30000mm	10mm	1.7mm
AL24-4K-60-30M-95-IP	30000mm	12mm	4.8mm

Photometric Data (1000mm)



AAI Figure



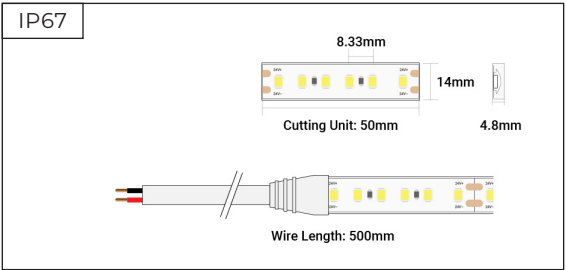
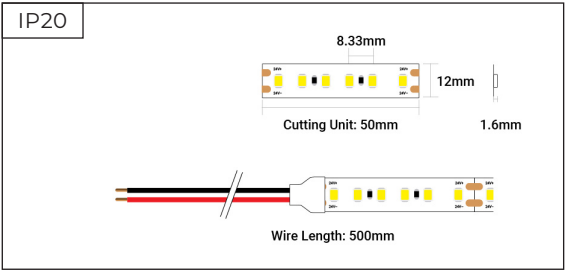
Advance SMD - Long Run 20m

- 24V - 120 LEDs per metre

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	20m	Max.	Typ.	20m
AL24-27K-120-20M-95	24V	0.4A/m	0.363A/m	7.1A	9.6W/m	8.7W/m	170.4W
AL24-27K-120-20M-95-IP	24V	0.4A/m	0.363A/m	7.1A	9.6W/m	8.7W/m	170.4W
AL24-3K-120-20M-95	24V	0.4A/m	0.363A/m	7.1A	9.6W/m	8.7W/m	170.4W
AL24-3K-120-20M-95-IP	24V	0.4A/m	0.363A/m	7.1A	9.6W/m	8.7W/m	170.4W
AL24-4K-120-20M-95	24V	0.4A/m	0.363A/m	7.1A	9.6W/m	8.7W/m	170.4W
AL24-4K-120-20M-95-IP	24V	0.4A/m	0.363A/m	7.1A	9.6W/m	8.7W/m	170.4W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
AL24-27K-120-20M-95	2700K	Yes	< 2	120°
AL24-27K-120-20M-95-IP	2700K	Yes	< 2	120°
AL24-3K-120-20M-95	3000K	Yes	< 2	120°
AL24-3K-120-20M-95-IP	3000K	Yes	< 2	120°
AL24-4K-120-20M-95	4000K	Yes	< 2	120°
AL24-4K-120-20M-95-IP	4000K	Yes	< 2	120°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	622	72	>95
3000K	3000K	683	78	>95
4000K	4000K	759	87	>95

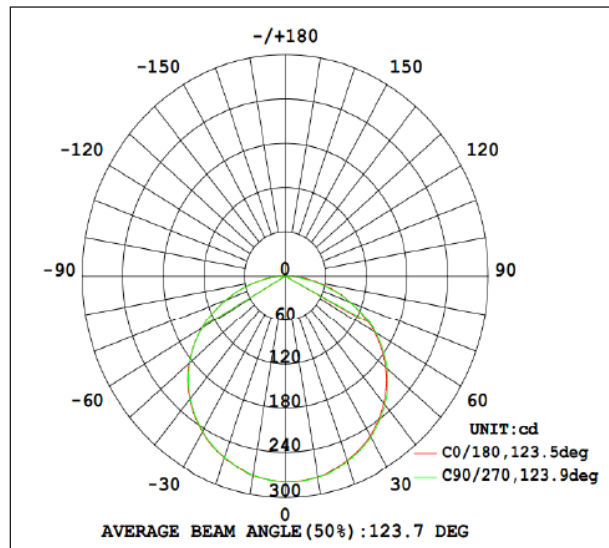
Mechanical Data

SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
AL24-27K-120-20M-95	IP20	50mm	500mm	Single End	120 LEDs
AL24-27K-120-20M-95-IP	IP67	50mm	500mm	Single End	120 LEDs
AL24-3K-120-20M-95	IP20	50mm	500mm	Single End	120 LEDs
AL24-3K-120-20M-95-IP	IP67	50mm	500mm	Single End	120 LEDs
AL24-4K-120-20M-95	IP20	50mm	500mm	Single End	120 LEDs
AL24-4K-120-20M-95-IP	IP67	50mm	500mm	Single End	120 LEDs

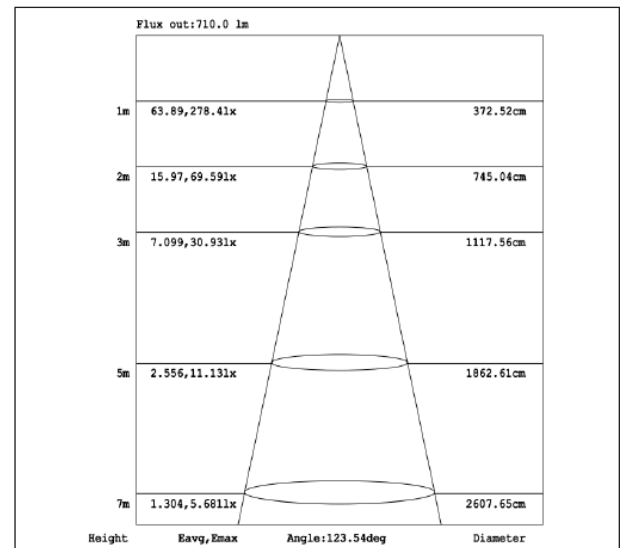
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
AL24-27K-120-20M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-27K-120-20M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-3K-120-20M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-3K-120-20M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-4K-120-20M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AL24-4K-120-20M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years

SKU	Length	Width	Height
AL24-27K-120-20M-95	20000mm	12mm	1.6mm
AL24-27K-120-20M-95-IP	20000mm	14mm	4.8mm
AL24-3K-120-20M-95	20000mm	12mm	1.6mm
AL24-3K-120-20M-95-IP	20000mm	14mm	4.8mm
AL24-4K-120-20M-95	20000mm	12mm	1.6mm
AL24-4K-120-20M-95-IP	20000mm	14mm	4.8mm

Photometric Data (1000mm)

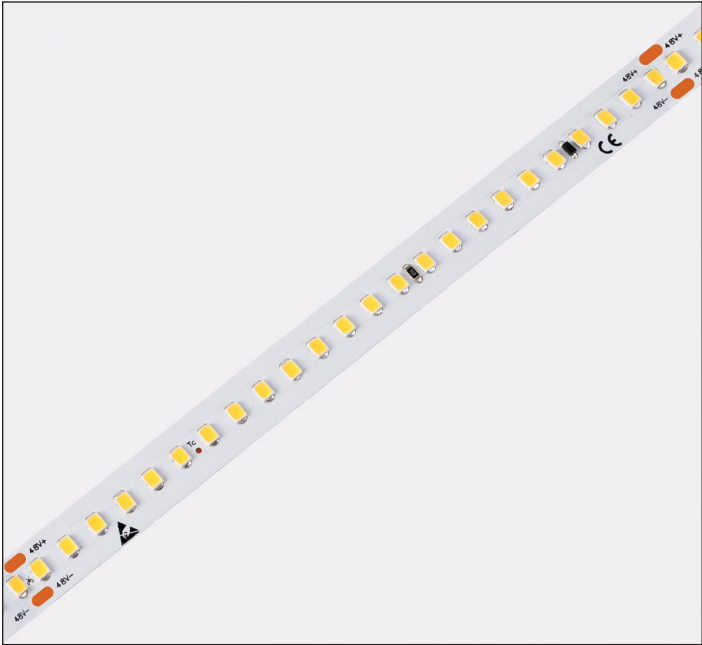


AAI Figure

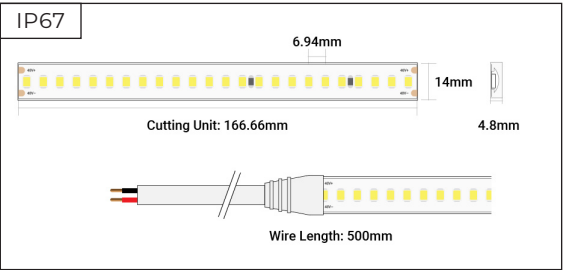
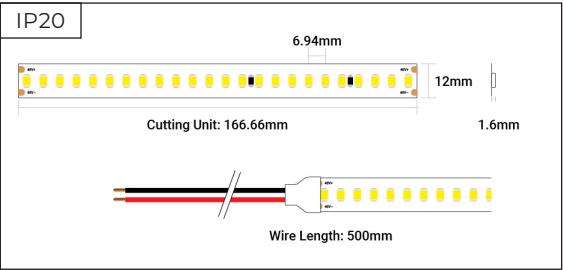


Advance SMD
- 48V - 144 LEDs per metre

Available in:



Dimenions



Electrical Data

SKU	Voltage	Current Consumption			Power Consumption		
		Max.	Typ.	50m	Max.	Typ.	50m
AS48-27K-144-20M-95	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-27K-144-20M-95-IP	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-27K-144-40M-95	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-27K-144-40M-95-IP	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-3K-144-20M-95	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-3K-144-20M-95-IP	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-3K-144-40M-95	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-3K-144-40M-95-IP	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-4K-144-20M-95	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-4K-144-20M-95-IP	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-4K-144-40M-95	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W
AS48-4K-144-40M-95-IP	48V	0.12A/m	0.112A/m	5.7A	5.8W/m	5.4W/m	274.0W

Photometric & Light Data

SKU	Colour Temp	Dimmable	SDCM	Beam Angle
AS48-27K-144-20M-95	2700K	Yes	< 2	120°
AS48-27K-144-20M-95-IP	2700K	Yes	< 2	120°
AS48-27K-144-40M-95	2700K	Yes	< 2	120°
AS48-27K-144-40M-95-IP	2700K	Yes	< 2	120°
AS48-3K-144-20M-95	3000K	Yes	< 2	120°
AS48-3K-144-20M-95-IP	3000K	Yes	< 2	120°
AS48-3K-144-40M-95	3000K	Yes	< 2	120°
AS48-3K-144-40M-95-IP	3000K	Yes	< 2	120°
AS48-4K-144-20M-95	4000K	Yes	< 2	120°
AS48-4K-144-20M-95-IP	4000K	Yes	< 2	120°
AS48-4K-144-40M-95	4000K	Yes	< 2	120°
AS48-4K-144-40M-95-IP	4000K	Yes	< 2	120°

Colour	CCT / Wavelength	Lumens / m	Lumens / W	CRI
2700K	2700K	394	73	>95
3000K	3000K	429	79	>95
4000K	4000K	472	87	>95

Mechanical Data

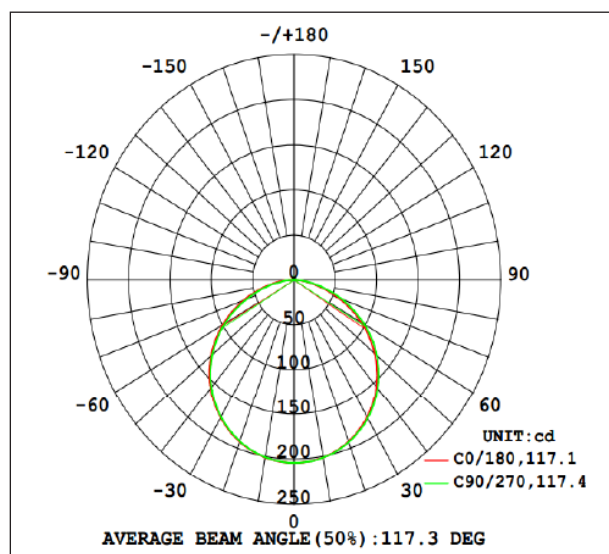
SKU	IP Rating	Cut Points	Cable Length	Cable End	LEDs / m
AS48-27K-144-20M-95	IP20	166.66mm	500mm	Dual End	144 LEDs
AS48-27K-144-20M-95-IP	IP67	166.66mm	500mm	Dual End	144 LEDs
AS48-27K-144-40M-95	IP20	166.66mm	500mm	Single End	144 LEDs
AS48-27K-144-40M-95-IP	IP67	166.66mm	500mm	Single End	144 LEDs
AS48-3K-144-20M-95	IP20	166.66mm	500mm	Dual End	144 LEDs
AS48-3K-144-20M-95-IP	IP67	166.66mm	500mm	Dual End	144 LEDs
AS48-3K-144-40M-95	IP20	166.66mm	500mm	Single End	144 LEDs
AS48-3K-144-40M-95-IP	IP67	166.66mm	500mm	Single End	144 LEDs
AS48-4K-144-20M-95	IP20	166.66mm	500mm	Dual End	144 LEDs
AS48-4K-144-20M-95-IP	IP67	166.66mm	500mm	Dual End	144 LEDs
AS48-4K-144-40M-95	IP20	166.66mm	500mm	Single End	144 LEDs
AS48-4K-144-40M-95-IP	IP67	166.66mm	500mm	Single End	144 LEDs

Mechanical Data (continued)

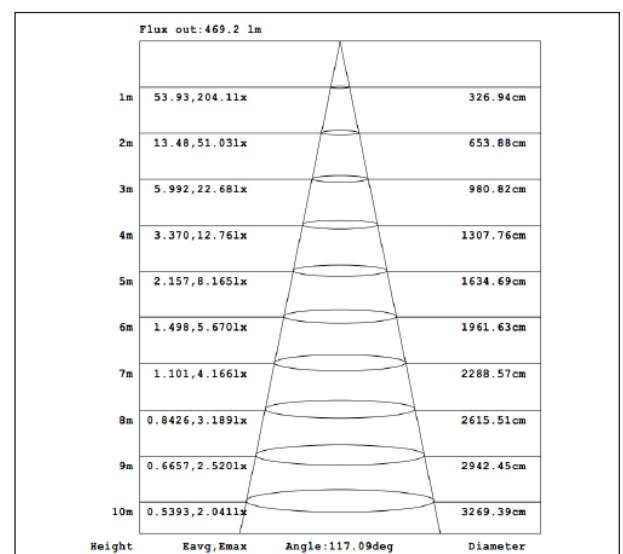
SKU	Adhesive Type	Bend Diameter	Operating Temp	Warranty
AS48-27K-144-20M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-27K-144-20M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-27K-144-40M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-27K-144-40M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-3K-144-20M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-3K-144-20M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-3K-144-40M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-3K-144-40M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-4K-144-20M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-4K-144-20M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-4K-144-40M-95	3M	ø 60mm	-25°C ~ +40°C	5 Years
AS48-4K-144-40M-95-IP	3M	ø 60mm	-25°C ~ +40°C	5 Years

SKU	Length	Width	Height
AS48-27K-144-20M-95	20000mm	12mm	1.6mm
AS48-27K-144-20M-95-IP	20000mm	14mm	4.8mm
AS48-27K-144-40M-95	40000mm	12mm	1.6mm
AS48-27K-144-40M-95-IP	40000mm	14mm	4.8mm
AS48-3K-144-20M-95	20000mm	12mm	1.6mm
AS48-3K-144-20M-95-IP	20000mm	14mm	4.8mm
AS48-3K-144-40M-95	40000mm	12mm	1.6mm
AS48-3K-144-40M-95-IP	40000mm	14mm	4.8mm
AS48-4K-144-20M-95	20000mm	12mm	1.6mm
AS48-4K-144-20M-95-IP	20000mm	14mm	4.8mm
AS48-4K-144-40M-95	40000mm	12mm	1.6mm
AS48-4K-144-40M-95-IP	40000mm	14mm	4.8mm

Photometric Data (1000mm)



AAI Figure





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