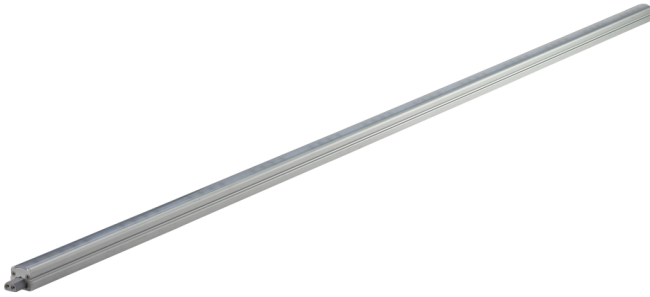


## ARCHISHAPE® FIT

### Datasheet



ARCHISHAPE® FIT series is versatile lighting for ambient and cabinet illumination. With LED binning control to within 3 MacAdam steps, the luminaire offers perfect and consistent lighting effect. Extra short length (150mm) luminaire allows it to fit almost any shape and outline, which gives lighting designer total design freedom.

#### Benefits

Extra small size with high lumen output

- Easy fit in different architectural structures

Perfect and consistent lighting

- No dark or hot spot
- Uniform lighting distribution

#### Applications

- Indoor cove lightings
- Indirect illuminations
- Shelf / Cabinet lightings
- Hospitalities
- Retail shops

# ARCHISHAPE® FIT

## Technical Data

### Product Specifications

	150mm	350mm	500mm	1000mm
<b>Luminous Flux 4000K</b>	236 lm	550 lm	788 lm	1575 lm
<b>Efficacy</b>	75 lm/W (4000K)			
<b>CCT</b>	2700K, 3000K, 4000K, 6500K			
<b>CRI</b>	>80			
<b>SDCM</b>	3			
<b>Beam Angle</b>	105°			

### Electrical and Mechanical Specifications

<b>Input Voltage</b>	24V DC			
<b>Power Consumption</b>	3W	7W	11W	21W
<b>Dimensions (L x W x H)</b>	150mm x 18mm x 16.5mm	350mm x 18mm x 16.5mm	500mm x 18mm x 16.5mm	1000mm x 18mm x 16.5mm
<b>Weight</b>	0.07kg	0.12kg	0.17kg	0.3kg
<b>Cover Lens</b>	PC cover			
<b>Housing</b>	Aluminium housing			

### System Specifications

<b>Power</b>	DC			
<b>Control</b>	ON/OFF only			
<b>Max. Interconnection</b>	50 units	23 units	13 units	7 units
<b>Operating Temperature</b>	-20°C to +40°C			
<b>Storage Temperature</b>	-40°C to +80°C			
<b>Environment</b>	IP20			
<b>Lumen Maintenance</b>	L70@30°C - 50,000hrs			
<b>Safety Approval</b>	Electrical Protection Class III, CB, CQC, RoHS			

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from typical data.

Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

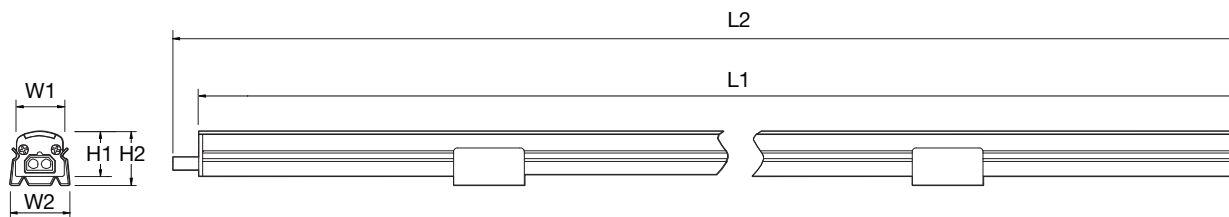
12/16 V1.0 · Specifications are subject to change without notice. Errors and omission excepted, always make sure to use the most recent release.

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2 of 5

# ARCHISHAPE® FIT

## Dimensions

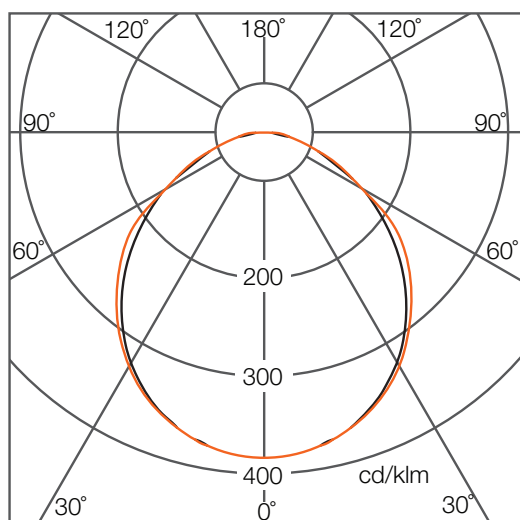


### Dimensions

	150mm	350mm	500mm	1000mm
<b>L1</b>	150mm	350mm	500mm	1000mm
<b>L2</b>	160mm	360mm	510mm	1010mm
<b>W1</b>	18mm			
<b>W2</b>	22mm			
<b>H1</b>	16.5mm			
<b>H2</b>	20mm			

## Photometrics

### Light Distribution Curve (2700K, 3000K, 4000K, 6500K)



### Illuminance at a distance (2700K, 3000K, 4000K, 6500K)

	Center Beam Lux/klm	Beam Width	
		V	H
0.5m	1533	1.24m	1.37m
1m	383	2.49m	2.74m
1.5m	170	3.73m	4.11m
2m	96	4.97m	5.49m
2.5m	61	6.22m	6.86m
3m	43	7.46m	8.23m

- Vert. Spread: 102.4°
  - Horiz. Spread: 107.8°
- For fc divide by 10.7

For feet multiply by 3.28

Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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# ARCHISHAPE® FIT

## System Diagram



Due to the manufacturing processes of LED, the polar candela distribution and distance luminaries only reflect statistical figures and do not necessarily correspond to the actual parameters of individual product that may differ from the typical values.

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# ARCHISHAPE® FIT

## Ordering Codes

### Fixture

Short Text	Power	Length	CCT	Material	EAN10	EAN40
AS FIT 150 827 120X1 OSRAM	3W	150mm	2700K	AM002990055	4052899460379	4052899460386
AS FIT 150 830 120X1 OSRAM	3W	150mm	3000K	AM003000055	4052899460393	4052899460409
AS FIT 150 840 120X1 OSRAM	3W	150mm	4000K	AM003010055	4052899460430	4052899460447
AS FIT 150 865 120X1 OSRAM	3W	150mm	6500K	AM003020055	4052899460454	4052899460461
AS FIT 350 827 60X1 OSRAM	7W	350mm	2700K	AM003030055	4052899460614	4052899460621
AS FIT 350 830 60X1 OSRAM	7W	350mm	3000K	AM003040055	4052899460638	4052899460645
AS FIT 350 840 60X1 OSRAM	7W	350mm	4000K	AM003050055	4052899460652	4052899460669
AS FIT 350 865 60X1 OSRAM	7W	350mm	6500K	AM003060055	4052899460690	4052899460706
AS FIT 500 827 60X1 OSRAM	11W	500mm	2700K	AM003070055	4052899460751	4052899460768
AS FIT 500 830 60X1 OSRAM	11W	500mm	3000K	AM003080055	4052899460782	4052899460799
AS FIT 500 840 60X1 OSRAM	11W	500mm	4000K	AM003090055	4052899460812	4052899460829
AS FIT 500 865 60X1 OSRAM	11W	500mm	6500K	AM003100055	4052899460843	4052899460850
AS FIT 1000 827 30X1 OSRAM	21W	1000mm	2700K	AM003110055	4052899460874	4052899460881
AS FIT 1000 830 30X1 OSRAM	21W	1000mm	3000K	AM003120055	4052899460898	4052899460904
AS FIT 1000 840 30X1 OSRAM	21W	1000mm	4000K	AM003130055	4052899460911	4052899460928
AS FIT 1000 865 30X1 OSRAM	21W	1000mm	6500K	AM003140055	4052899460935	4052899460942

### Accessories

Short Text	Material	EAN10	EAN40
AS FIT POWER INP 250 ENDCAP 200X1 OSRAM	AM003150055	4052899460331	4052899460348
AS FIT POWER INTERC 250 200X1 OSRAM	AM003160055	4052899460355	4052899460362