

RETROFIT SL-16F LED Lamp Series



Features

- No UV or IR light radiation
- Provides 24° and 36° and 50° beam angles
- GU5.3 bi pin cap
- 12 VAC/DC power input
- Operation temperature: -20°C ~ +40°C
- Long lifetime: 25000 hours (L70)

Description

The SL-16F lamp series is a high quality low voltage LED replacement of a conventional MR16 halogen lamp. With only 5 watt of energy consumption and delivers huge energy saving, also cost saving. It has a standard GU5.3 bi-pin base, which makes it ideal for various lighting applications.

Applications

- Indoor Lighting
- Commercial Lighting

Coding of Part Number:

SL-16F / 012ADC / C / P05 / 24 / E30 / EU

1 2 3 4 5 6 7

1. Product Series

SL-16F: MR16-F series LED lamp

2. Input Voltage

012ADC: AC/DC 12V

3. LED Type

C: High Power C-Series LED

4. Power Consumption

P05: 5W

5. Beam Angle

24: 24 Degree

36: 36 Degree

50: 50 Degree

6. Correlated Color Temperature

E30: ANSI C78 3000K

E50: ANSI C78 5000K

7. Region

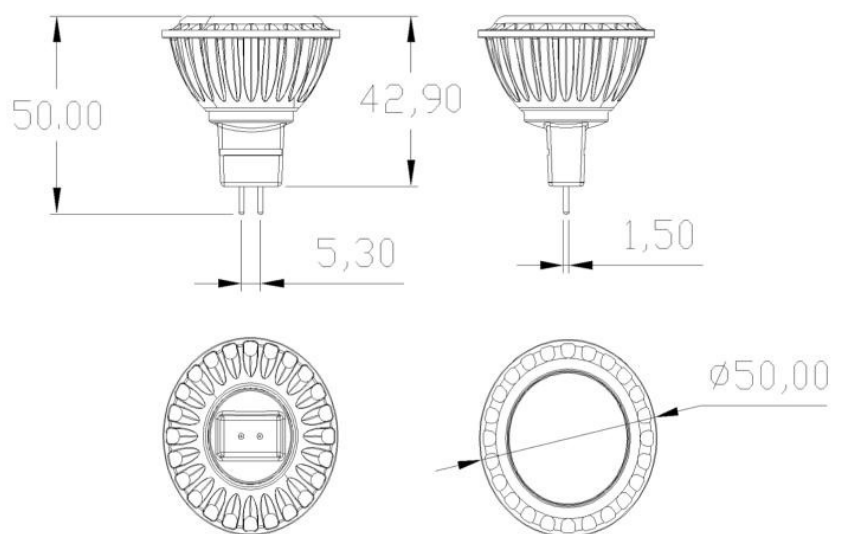
EU: Graphic Package. CE certified

US: Graphic Package. UL listed

CE: Industrial Package. CE certified

UL: Industrial Package. UL listed

Product Dimensions



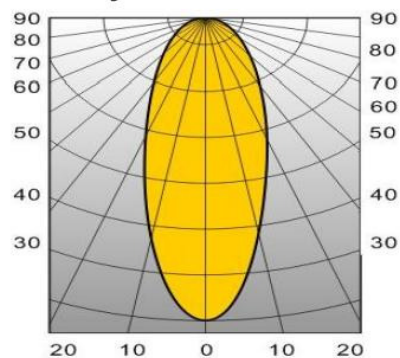
Notes: 1. Dimensions are in millimeters
2. Tolerances unless otherwise mentioned $\pm 2\text{mm}$

Luminance and Technical Data

Product Name	SL-16F/012ADC/C/P05/24/E30	SL-16F/012ADC/C/P05/24/E50
Product Family	Retrofit	Retrofit
Main Use	Office, commercial, residential and hospitality lighting	Office, commercial, residential and hospitality lighting
Input Voltage/	12V AC/DC	12V AC/DC
Power Consumption	5W	5W
Dim ability	No	No
Mechanical Dimensions	Ø50 * 50mm	Ø50 * 50mm
Maximum Weight	50g	50g
Light Color	Warm white / 3000K	Daylight white / 5000K
Luminous Flux(Typ.)	315lm	315lm
CBCP (cd)	1650cd	1700cd
Beam Angle	24°	24°
CRI	> 80	> 80
Storage Temperature	-30°C~+80°C	-30°C~+80°C

Luminous Flux measurement tolerance $\pm 10\%$

Intensity Distribution

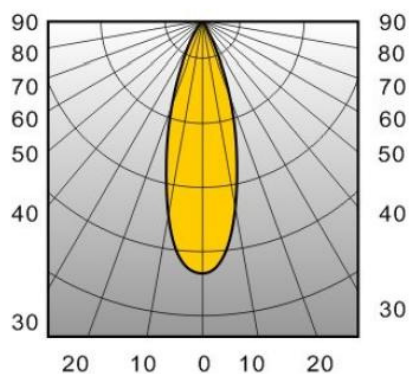


Luminance and Technical Data

Product Name	SL-16F/012ADC/C/P05/36/E30	SL-16F/012ADC/C/P05/36/E50
Product Family	Retrofit	Retrofit
Main Use	Office, commercial, residential and hospitality lighting	Office, commercial, residential and hospitality lighting
Input Voltage/	12V AC/DC	12V AC/DC
Power Consumption	5W	5W
Dim ability	No	No
Mechanical Dimensions	Ø50 * 50mm	Ø50 * 50mm
Maximum Weight	50g	50g
Light Color	Warm white / 3000K	Daylight white / 5000K
Luminous Flux(Typ.)	315lm	315lm
CBCP (cd)	950cd	1000cd
Beam Angle	36°	36°
CRI	> 80	> 80
Storage Temperature	-30°C~+80°C	-30°C~+80°C

Luminous Flux measurement tolerance $\pm 10\%$

Intensity Distribution

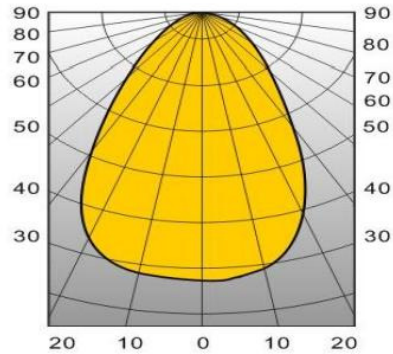


Luminance and Technical Data

Product Name	SL-16F/012ADC/C/P05/50/E30	SL-16F/012ADC/C/P05/50/E50
Product Family	Retrofit	Retrofit
Main Use	Office, commercial, residential and hospitality lighting	Office, commercial, residential and hospitality lighting
Input Voltage/	12V AC/DC	12V AC/DC
Power Consumption	5W	5W
Dim ability	No	No
Mechanical Dimensions	Ø50 * 50mm	Ø50* 50mm
Maximum Weight	50g	50g
Light Color	Warm white / 3000K	Daylight white / 5000K
Luminous Flux(Typ.)	320lm	325lm
CBCP (cd)	500cd	550cd
Beam Angle	50°	50°
CRI	> 80	> 80
Storage Temperature	-30°C~+80°C	-30°C~+80°C

Luminous Flux measurement tolerance ± 10%

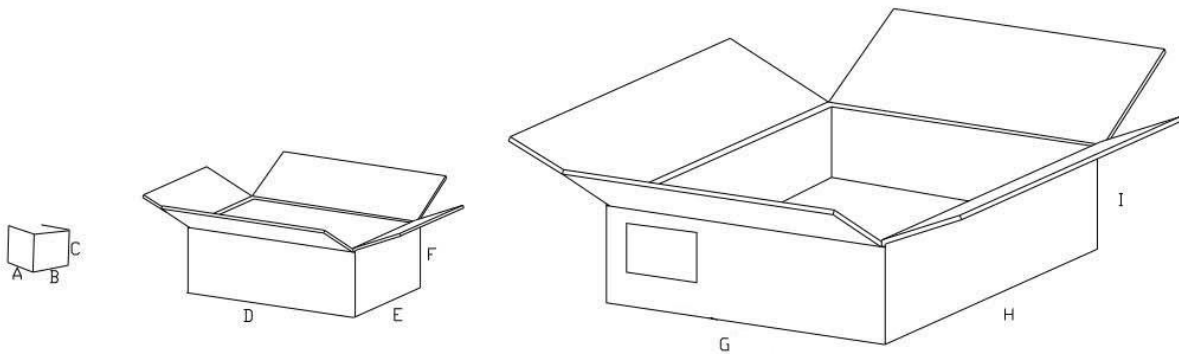
Intensity Distribution



Installation Instruction and Warning

Do not open - non user serviceable parts inside.
Turn off power before inspection, installation, or removal.
Do not use in totally enclosed fixtures.
Not for use where exposed to the weather.
Not intended for use with emergency exit fixtures or emergency lights.
Mind the minimum load of your transformer.
Not for use with dimmers.
Caution – Use in dry location only.

Package information



Package Dimension

Package	Unit: mm	Unit: kg
A	66	
B	66	0.07
C	75	
Inner Box	Unit: mm	Unit: kg
D	355	
E	140	1.47
F	175	
Outer Box	Unit: mm	Unit: kg
G	460	
H	375	4.52
I	200	

Packing Quantity

- 1 Luminaire / 1 Package
- 20 Packages / 1 Inner Box
- 3 Inner Box / 1 Outer Box