

MICROLED / MINILED are compact IP67 LED fittings suitable for down light, Wall recessed and walkover for both indoor & outdoor applications. Small dimension with flush mounting installation. It is equipped with a screwless round front ring in STAINLESS STEEL with Narrow Beam / Asymmetric Beam / Medium Beam & Diffused Beam. These fixtures are perfect for creating very defined effects of accent light. On request, these luminaires are also available in Red, Green, Blue and Amber.

Product Description

- Luminaire body and screwless front ring made from solid billet of 316 grade stainless steel.
- Silicone seal gasket ensures IP67 rating.
- Toughened clear glass diffuser 4mm thickness.
- Clear polycarbonate optical lens.
- Luminaire hard wired with 2 x 0.5mm² cable of 0.5 metre length.
- Supplied with mounting sleeve for preparing recessed opening in ground or wall.
- Non integral constant current power supply.
- Ordering guide : KL-4085-CCT (Colour Temperature)
- Available CCT : 2700K, 3000K, 4000K, 5700K.
- Options : Red / Green / Blue / Amber (On Request).



Product Benefits

- High luminous efficiency at reduced wattage.
- Compact luminaire provides distinctive lighting effects for wall architecture & accent lighting.
- Sustainable LED technology offers durability and optimal light output with low power consumption.

Area of Application

Walk ways, Facades, Landscapes, Architectural facade elements.

Accessory

- Supplied with IP67 rated connector for a secure connection to the network.
- ABS Plastic outer costing for easy installation.

Driver for 1W Luminaire

ID	Watts	Driver Output
8242	1W	(3-5)V, 300mA
8243	3-5W	(8-12)V, 300mA
8244	4-8W	(12-24)V, 300mA
8245	8-12W	(24-42)V, 300mA

Driver for 3W Luminaire

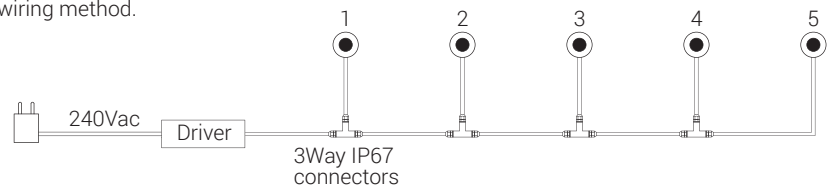
8246	3W	(3-5)V, 600mA
8247	9-18W	(9-25)V, 900mA
8248	21-30W	(20-36)V, 900mA

Supplied with IP67 connector.
For 4085 & 4086 suitable driver to be ordered separately



Wiring Diagram

Non Integral high voltage single colour fitting refer to the following recommended wiring method.



Max : 12 Luminaires. The Individual lamps must be connected in series.
Only power up the system once all the lamps have being connected.



Medium Beam



Asymmetric Beam



Narrow Beam



Diffused Beam

Technical Specifications

General

ID	: 4085
System Wattage	: 1W LED
Driver Non-Integral	: Constant Current
Input Voltage	: 240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body & Front Ring	: 316 Grade Stainless Steel
Diffuser	: Toughened Clear Glass
Mounting Sleeve	: Polypropylene Black
Mounting	: Wall / Floor - Recess

Light Source

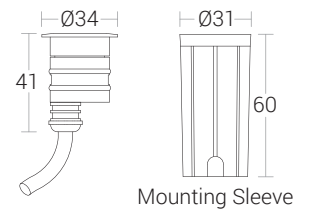
Light Source	: NICHIA
LED Lumens	: 145 lm
CRI (Ra)	: ≥80
LED Colour Temperature	: 2700K / 3000K / 4000K / 5700K

Driver

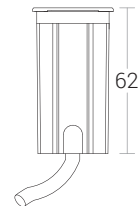
Power Supply	: Non-Integral
Power Factor	: ≥0.90
THD	: <15%
Surge Protection	: 1KV
Efficiency	: >70%

Optical Performance

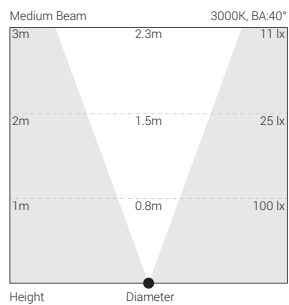
Diffuser	: Medium Beam
Colour Temperature	: 3000K
Luminous flux	: 105 lm
Beam Angle	: 40° (Narrow Beam, Medium Beam, Asymmetric Beam & Diffused Beam)

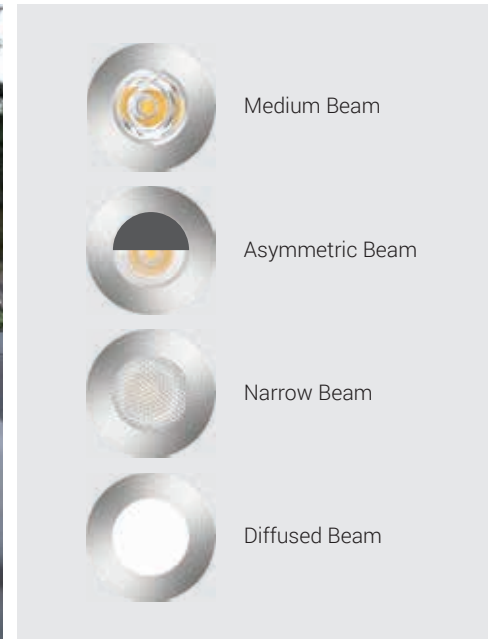
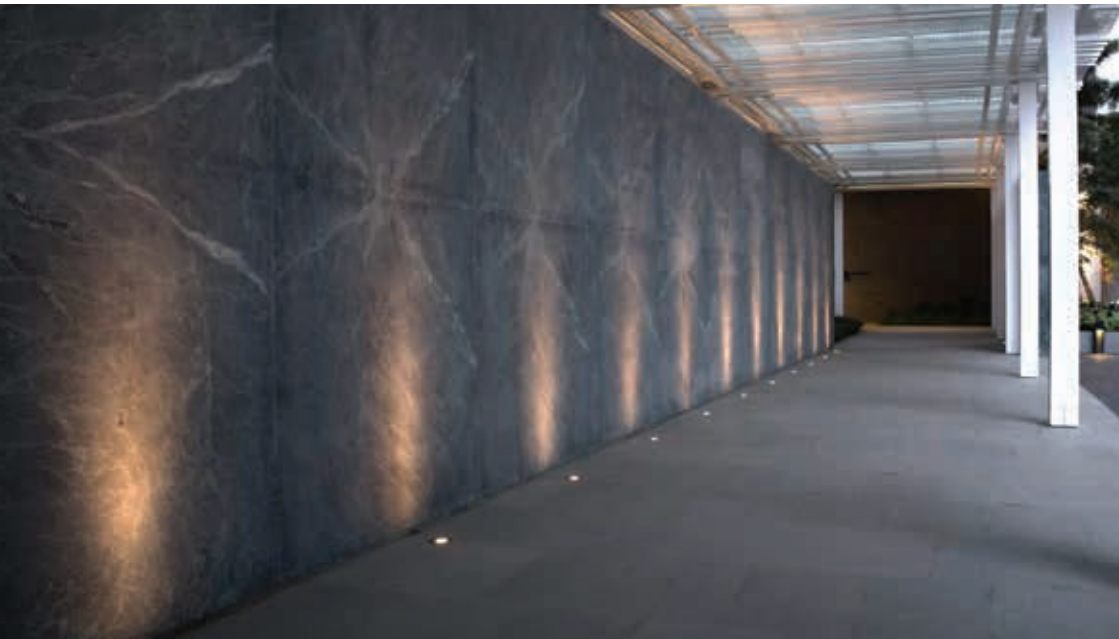


Mounting Sleeve



Photometric Data





Technical Specifications

General

ID	: 4086
System Wattage	: 3W LED
Driver Non-Integral	: Constant Current
Input Voltage	: 240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body & Front Ring	: 316 Grade Stainless Steel
Diffuser	: Toughened Clear Glass
Mounting Sleeve	: Polypropylene Black
Mounting	: Wall / Floor - Recess

Light Source

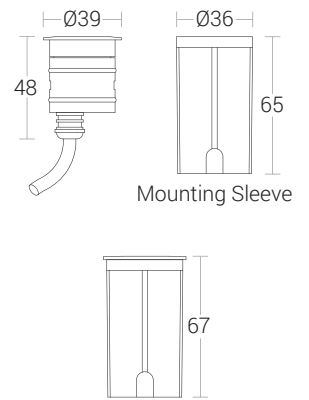
Light Source	: NICHIA
LED Lumens	: 304 lm
CRI (Ra)	: ≥80
LED Colour Temperature	: 2700K / 3000K / 4000K / 5700K

Driver

Power Supply	: Non-Integral
Power Factor	: ≥0.90
THD	: <15%
Surge Protection	: 1KV
Efficiency	: >70%

Optical Performance

Diffuser	: Medium Beam
Colour Temperature	: 2700K
Luminous flux	: 182 lm
Beam Angle	: 8°/12°/24°/40°/60°/40°x11° (Narrow Beam, Medium Beam, Asymmetric Beam & Diffused Beam)



Photometric Data

