

Opaline L 50-10

IP67-rated white LED luminaire



Opaline L is an IP67-rated rigid waterproof linear white LED luminaire with opal encapsulation.

These waterproof LED luminaires are designed for long-term professional lighting applications and are ideal for all types of outdoor LED lighting applications including decorative, border, cove, edge-lighting and many more.

An extra-long lifetime and stable performance are guaranteed by using only the highest quality materials, including NICHIA LEDs, and a built-in current stabilization system.

Powerful, versatile, robust, Opaline L provides a reliable long-term lighting solution to lighting designers.

Key features

- Waterproof IP67 LED line for outdoor linear lighting applications
- Aluminium housing with opal encapsulation for homogenous illumination
- UV resistant
- 24V DC voltage input
- 3-step MacAdam or Single Bin LEDs
- Dimmable
- Highest quality Nichia LED ICs
- High CRI80+, CRI90+, CRI95+
- Stabilized current design with reverse voltage protection
- Available in any length in 125 mm steps

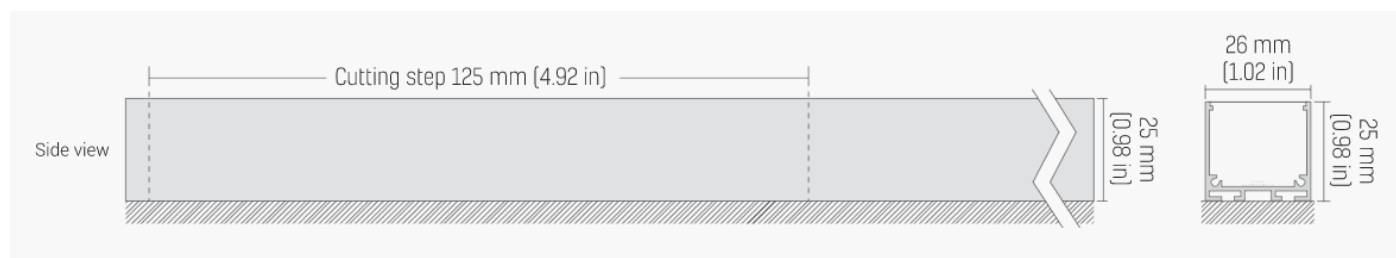
Applications

- Outdoor decorative lighting
- Outdoor border lighting
- Outdoor cove lighting
- Outdoor edge lighting

Specification

Product	Power	Voltage	CRI	CCT	Lumens / m	Efficacy
OP-L-EO-100-10-N4-820-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2000K	203 Lm/m	21 Lm/W
OP-L-EO-100-10-N4-822-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2200K	220 Lm/m	23 Lm/W
OP-L-EO-100-10-N4-825-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2500K	241 Lm/m	25 Lm/W
OP-L-EO-100-10-N4-827-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2700K	282 Lm/m	29 Lm/W
OP-L-EO-100-10-N4-830-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	3000K	290 Lm/m	30 Lm/W
OP-L-EO-100-10-N4-835-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	3500K	297 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-840-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	4000K	298 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-850-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	5000K	309 Lm/m	32 Lm/W
OP-L-EO-100-10-N4-857-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	5700K	298 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-865-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	6500K	298 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-920-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2000K	165 Lm/m	17 Lm/W
OP-L-EO-100-10-N4-922-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2200K	178 Lm/m	19 Lm/W
OP-L-EO-100-10-N4-925-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2500K	193 Lm/m	20 Lm/W
OP-L-EO-100-10-N4-927-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2700K	275 Lm/m	29 Lm/W
OP-L-EO-100-10-N4-930-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	3000K	289 Lm/m	30 Lm/W
OP-L-EO-100-10-N4-935-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	3500K	296 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-940-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	4000K	300 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-950-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	5000K	302 Lm/m	31 Lm/W
OP-L-EO-100-10-N4-957-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	5700K	291 Lm/m	30 Lm/W
OP-L-EO-100-10-N4-965-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	6500K	291 Lm/m	30 Lm/W
OP-L-EO-100-10-N4-027-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	2700K	191 Lm/m	20 Lm/W
OP-L-EO-100-10-N4-030-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	3000K	196 Lm/m	20 Lm/W
OP-L-EO-100-10-N4-035-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	3500K	200 Lm/m	21 Lm/W
OP-L-EO-100-10-N4-040-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	4000K	202 Lm/m	21 Lm/W
OP-L-EO-100-10-N4-050-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	5000K	217 Lm/m	23 Lm/W

Specifications are for an Anodized Grey (AG) Luminaire (L) with End Connection (E), that is 1000 mm long (1000).



Fitting options

Housing colour (OP-L-EO-100-10-N4-820-AG-LEC-1000)

Anodized grey (AG)

Powder coated white (WH)*

Powder coated black (BK)*

* Powder coated options only available on request.

Segment layout (OP-L-EO-100-10-N4-820-AG-LEC-1000)

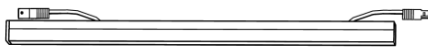
Individual Luminaire

A standalone luminaire (L) with a power connector and endcaps on both ends.

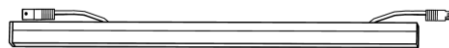


Continuous line

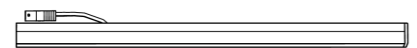
Used to create a continuous line of light with a start module (S), one or more middle modules (M) and an end module (E).



Start module (S) with two connectors and endcap at the start



Middle module (M) with two connectors and no endcaps



End module (E) with one connector and an endcap at the end

Full module

A full module (F) with two connectors and two endcaps. Creates non-continuous lengths of light as the endcaps are visible.



Full module (F)



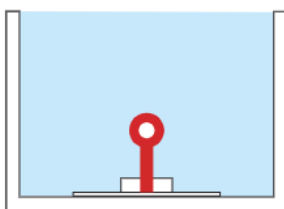
Full module (F)



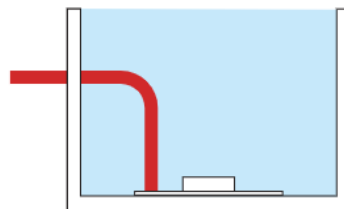
Luminaire (L)
or full module (F)

Connection type (OP-L-EO-100-10-N4-820-AG-LEC-1000)

End exit wire (E)



Side exit wire (S)



Back exit wire (B)

