

## Opaline L 50-15

### 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

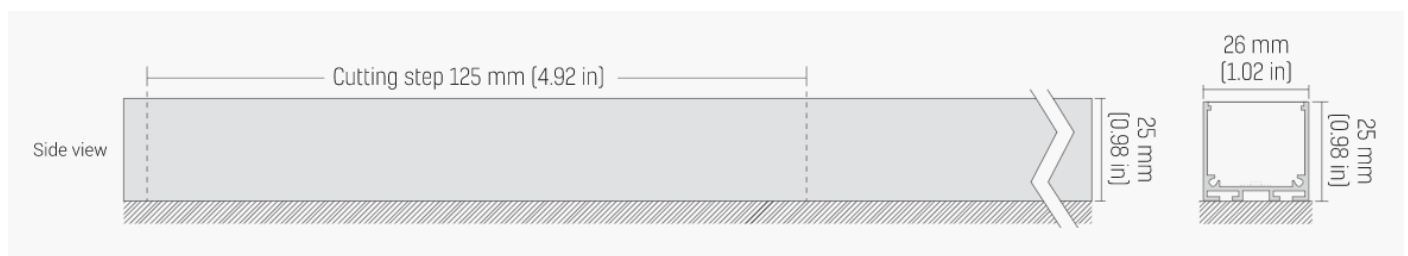
### Applications

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

**Specification**

Product	Power	Voltage	CRI	CCT	Lumens / m	Efficacy
OP-L-EO-100-15-N4-820-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2000K	300 Lm/m	21 Lm/W
OP-L-EO-100-15-N4-822-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2200K	325 Lm/m	23 Lm/W
OP-L-EO-100-15-N4-825-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2500K	355 Lm/m	25 Lm/W
OP-L-EO-100-15-N4-827-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2700K	416 Lm/m	29 Lm/W
OP-L-EO-100-15-N4-830-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	3000K	428 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-835-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	3500K	438 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-840-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	4000K	439 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-850-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	5000K	456 Lm/m	32 Lm/W
OP-L-EO-100-15-N4-857-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	5700K	439 Lm/m	31 Lm/W
OP-L-EO-100-15-N4-865-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	6500K	439 Lm/m	31 Lm/W
OP-L-EO-100-15-N4-920-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2000K	241 Lm/m	17 Lm/W
OP-L-EO-100-15-N4-922-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2200K	261 Lm/m	18 Lm/W
OP-L-EO-100-15-N4-925-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2500K	283 Lm/m	20 Lm/W
OP-L-EO-100-15-N4-927-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2700K	405 Lm/m	28 Lm/W
OP-L-EO-100-15-N4-930-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	3000K	425 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-935-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	3500K	436 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-940-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	4000K	442 Lm/m	31 Lm/W
OP-L-EO-100-15-N4-950-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	5000K	445 Lm/m	31 Lm/W
OP-L-EO-100-15-N4-957-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	5700K	430 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-965-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	6500K	430 Lm/m	30 Lm/W
OP-L-EO-100-15-N4-027-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	2700K	280 Lm/m	19 Lm/W
OP-L-EO-100-15-N4-030-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	3000K	286 Lm/m	20 Lm/W
OP-L-EO-100-15-N4-035-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	3500K	292 Lm/m	20 Lm/W
OP-L-EO-100-15-N4-040-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	4000K	296 Lm/m	21 Lm/W
OP-L-EO-100-15-N4-050-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	5000K	318 Lm/m	22 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-100-15-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-100-15-N4-820-AG-LEC-1000)

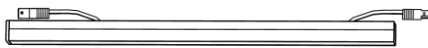
#### *Individual Luminaire*

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

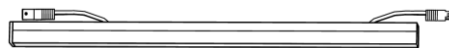


#### *Continuous line*

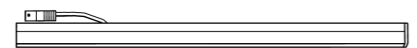
Used to create a continuous line of light with a start module (S), one or more middle modules (M) and an end module (E).



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)



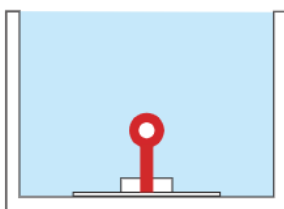
Full module (F)



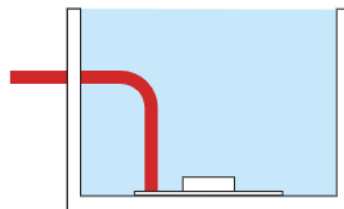
Luminaire (L)  
or full module (F)

### Connection type (OP-L-EO-100-15-N4-820-AG-LEC-1000)

End exit wire (E)



Side exit wire (S)



Back exit wire (B)

