

## Opaline M 100-15

IP67-rated white LED luminaire



The Opaline M is a waterproof, white light NICHIA LED light that offers homogenous direct lighting with no visible dots, perfect for parking lots or architectural lighting.

Fully encapsulated inside an aluminium housing, the Opaline M is both waterproof and UV resistant. This ensures that the high-quality NICHIA LEDs, and the internal current stabilization system, are fully protected.

The Opaline M is ruggedized and ready for a wide range of outdoor direct lighting uses.

### 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 lengths up to 3 m in 62.5 mm steps

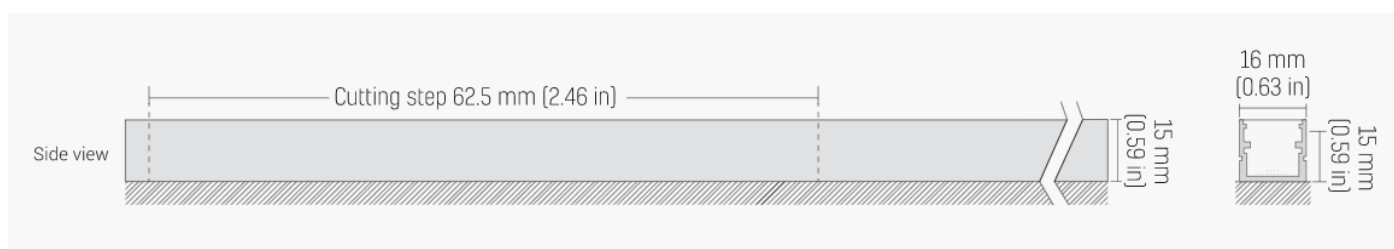
### Applications

- Parking lots
- Outdoor direct lighting
- Outdoor architectural lighting

**Specification**

Product	Power	Voltage	CRI	CCT	Lumens / m	Efficacy
OP-M-EO-100-15-N4-820-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2000K	384 Lm/m	27 Lm/W
OP-M-EO-100-15-N4-822-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2200K	416 Lm/m	29 Lm/W
OP-M-EO-100-15-N4-825-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2500K	455 Lm/m	32 Lm/W
OP-M-EO-100-15-N4-827-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	2700K	532 Lm/m	37 Lm/W
OP-M-EO-100-15-N4-830-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	3000K	548 Lm/m	38 Lm/W
OP-M-EO-100-15-N4-835-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	3500K	561 Lm/m	39 Lm/W
OP-M-EO-100-15-N4-840-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	4000K	562 Lm/m	39 Lm/W
OP-M-EO-100-15-N4-850-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	5000K	590 Lm/m	41 Lm/W
OP-M-EO-100-15-N4-857-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	5700K	569 Lm/m	40 Lm/W
OP-M-EO-100-15-N4-865-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 80+	6500K	569 Lm/m	40 Lm/W
OP-M-EO-100-15-N4-920-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2000K	315 Lm/m	22 Lm/W
OP-M-EO-100-15-N4-922-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2200K	341 Lm/m	24 Lm/W
OP-M-EO-100-15-N4-925-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2500K	370 Lm/m	26 Lm/W
OP-M-EO-100-15-N4-927-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	2700K	451 Lm/m	31 Lm/W
OP-M-EO-100-15-N4-930-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	3000K	465 Lm/m	32 Lm/W
OP-M-EO-100-15-N4-935-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	3500K	476 Lm/m	33 Lm/W
OP-M-EO-100-15-N4-940-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	4000K	480 Lm/m	33 Lm/W
OP-M-EO-100-15-N4-950-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	5000K	509 Lm/m	35 Lm/W
OP-M-EO-100-15-N4-957-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	5700K	506 Lm/m	35 Lm/W
OP-M-EO-100-15-N4-965-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 90+	6500K	502 Lm/m	35 Lm/W
OP-M-EO-100-15-N4-027-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	2700K	374 Lm/m	26 Lm/W
OP-M-EO-100-15-N4-030-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	3000K	382 Lm/m	27 Lm/W
OP-M-EO-100-15-N4-035-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	3500K	390 Lm/m	27 Lm/W
OP-M-EO-100-15-N4-040-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	4000K	395 Lm/m	27 Lm/W
OP-M-EO-100-15-N4-050-AG-IP-LEC-1000	14.4 W/m	24 V	CRI 95+	5000K	426 Lm/m	30 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-M-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-M-EO-100-15-N4-820-AG-LEC-1000)

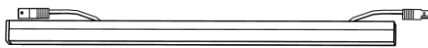
#### *Individual Luminaire*

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

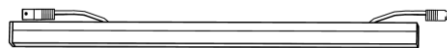


#### *Continuous line*

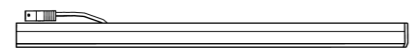
Used to create a continuous line of light with a start module (S), one or more middle modules (M) and an end module (E).



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)



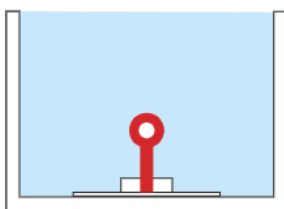
Full module (F)



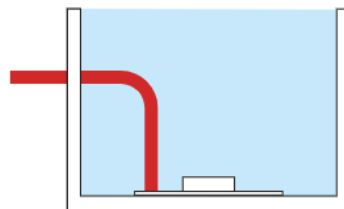
Luminaire (L)  
or full module (F)

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

End exit wire (E)



Side exit wire (S)



Back exit wire (B)

