

## Opaline M 100-10

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

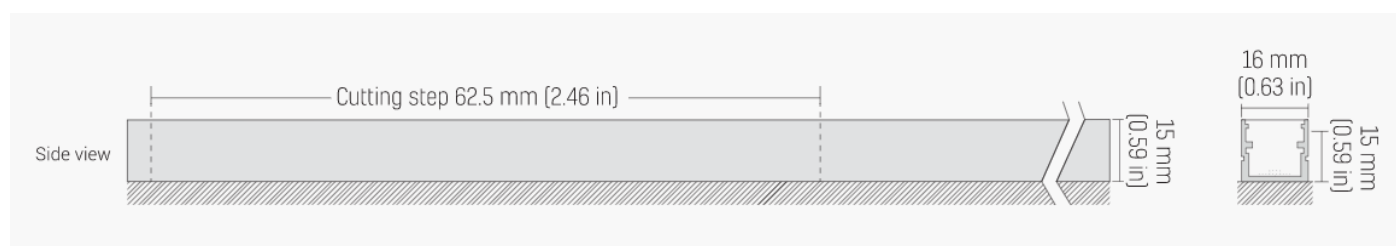
### Applications

- Parking lots
- Outdoor direct lighting
- Outdoor architectural lighting

## Specification

Product	Power	Voltage	CRI	CCT	Lumens / m	Efficacy
OP-M-EO-100-10-N4-820-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2000K	259 Lm/m	27 Lm/W
OP-M-EO-100-10-N4-822-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2200K	280 Lm/m	29 Lm/W
OP-M-EO-100-10-N4-825-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2500K	307 Lm/m	32 Lm/W
OP-M-EO-100-10-N4-827-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	2700K	359 Lm/m	37 Lm/W
OP-M-EO-100-10-N4-830-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	3000K	370 Lm/m	38 Lm/W
OP-M-EO-100-10-N4-835-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	3500K	378 Lm/m	39 Lm/W
OP-M-EO-100-10-N4-840-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	4000K	379 Lm/m	39 Lm/W
OP-M-EO-100-10-N4-850-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	5000K	405 Lm/m	42 Lm/W
OP-M-EO-100-10-N4-857-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	5700K	390 Lm/m	41 Lm/W
OP-M-EO-100-10-N4-865-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 80+	6500K	390 Lm/m	41 Lm/W
OP-M-EO-100-10-N4-920-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2000K	217 Lm/m	23 Lm/W
OP-M-EO-100-10-N4-922-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2200K	234 Lm/m	24 Lm/W
OP-M-EO-100-10-N4-925-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2500K	255 Lm/m	27 Lm/W
OP-M-EO-100-10-N4-927-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	2700K	310 Lm/m	32 Lm/W
OP-M-EO-100-10-N4-930-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	3000K	318 Lm/m	33 Lm/W
OP-M-EO-100-10-N4-935-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	3500K	326 Lm/m	34 Lm/W
OP-M-EO-100-10-N4-940-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	4000K	329 Lm/m	34 Lm/W
OP-M-EO-100-10-N4-950-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	5000K	349 Lm/m	36 Lm/W
OP-M-EO-100-10-N4-957-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	5700K	346 Lm/m	36 Lm/W
OP-M-EO-100-10-N4-965-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 90+	6500K	344 Lm/m	36 Lm/W
OP-M-EO-100-10-N4-027-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	2700K	263 Lm/m	27 Lm/W
OP-M-EO-100-10-N4-030-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	3000K	269 Lm/m	28 Lm/W
OP-M-EO-100-10-N4-035-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	3500K	275 Lm/m	29 Lm/W
OP-M-EO-100-10-N4-040-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	4000K	278 Lm/m	29 Lm/W
OP-M-EO-100-10-N4-050-AG-IP-LEC-1000	9.6 W/m	24 V	CRI 95+	5000K	298 Lm/m	31 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-100-10-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-M-EO-100-10-N4-820-AG-LEC-1000)

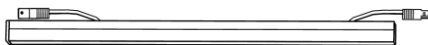
#### *Individual Luminaire*

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

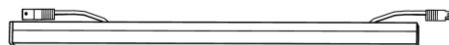


#### *Continuous line*

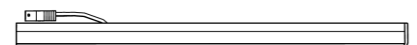
Used to create a continuous line of light with a start module (S), one or more middle modules (M) and an end module (E).



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)



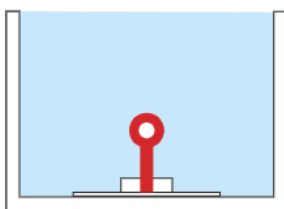
Full module (F)



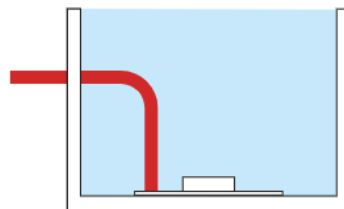
Luminaire (L)  
or full module (F)

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

End exit wire (E)



Side exit wire (S)



Back exit wire (B)

