

## Opaline M 100-20

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

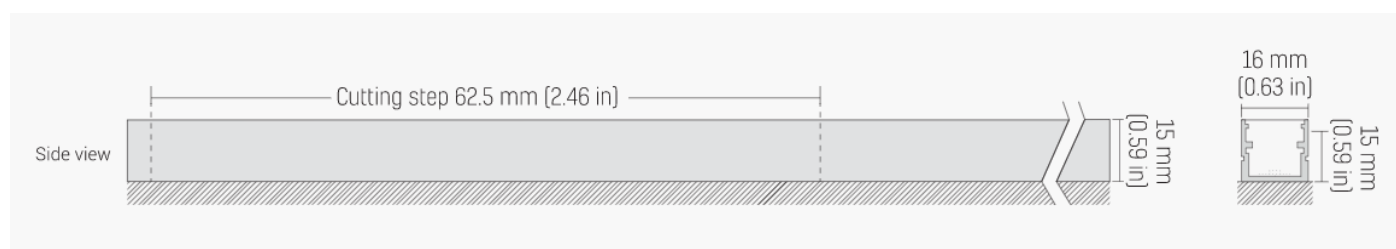
### Applications

- Parking lots
- Outdoor direct lighting
- Outdoor architectural lighting

## Specification

Product	Power	Voltage	CRI	CCT	Lumens / m	Efficacy
OP-M-EO-100-20-N4-820-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	516 Lm/m	27 Lm/W	27 Lm/W
OP-M-EO-100-20-N4-822-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	558 Lm/m	29 Lm/W	29 Lm/W
OP-M-EO-100-20-N4-825-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	611 Lm/m	32 Lm/W	32 Lm/W
OP-M-EO-100-20-N4-827-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	714 Lm/m	37 Lm/W	37 Lm/W
OP-M-EO-100-20-N4-830-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	735 Lm/m	38 Lm/W	38 Lm/W
OP-M-EO-100-20-N4-835-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	752 Lm/m	39 Lm/W	39 Lm/W
OP-M-EO-100-20-N4-840-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	754 Lm/m	39 Lm/W	39 Lm/W
OP-M-EO-100-20-N4-850-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	784 Lm/m	41 Lm/W	42 Lm/W
OP-M-EO-100-20-N4-857-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	756 Lm/m	39 Lm/W	41 Lm/W
OP-M-EO-100-20-N4-865-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 80+	756 Lm/m	39 Lm/W	41 Lm/W
OP-M-EO-100-20-N4-920-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	417 Lm/m	22 Lm/W	23 Lm/W
OP-M-EO-100-20-N4-922-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	451 Lm/m	24 Lm/W	24 Lm/W
OP-M-EO-100-20-N4-925-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	490 Lm/m	26 Lm/W	27 Lm/W
OP-M-EO-100-20-N4-927-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	599 Lm/m	31 Lm/W	32 Lm/W
OP-M-EO-100-20-N4-930-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	616 Lm/m	32 Lm/W	33 Lm/W
OP-M-EO-100-20-N4-935-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	631 Lm/m	33 Lm/W	34 Lm/W
OP-M-EO-100-20-N4-940-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	638 Lm/m	33 Lm/W	34 Lm/W
OP-M-EO-100-20-N4-950-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	676 Lm/m	35 Lm/W	36 Lm/W
OP-M-EO-100-20-N4-957-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	672 Lm/m	35 Lm/W	36 Lm/W
OP-M-EO-100-20-N4-965-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 90+	667 Lm/m	35 Lm/W	36 Lm/W
OP-M-EO-100-20-N4-027-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 95+	488 Lm/m	25 Lm/W	27 Lm/W
OP-M-EO-100-20-N4-030-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 95+	499 Lm/m	26 Lm/W	28 Lm/W
OP-M-EO-100-20-N4-035-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 95+	510 Lm/m	27 Lm/W	29 Lm/W
OP-M-EO-100-20-N4-040-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 95+	516 Lm/m	27 Lm/W	29 Lm/W
OP-M-EO-100-20-N4-050-AG-IP-LEC-1000	19.2 W/m	24 V	CRI 95+	557 Lm/m	29 Lm/W	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-100-20-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-100-20-N4-820-AG-LEC-1000)

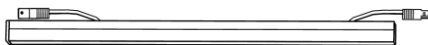
#### Individual Luminaire

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

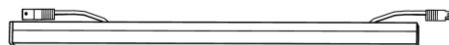


#### Continuous line

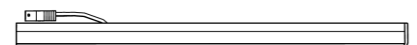
Used to create a continuous line of light with a start module (S), one or more middle modules (M) and an end module (E).



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)



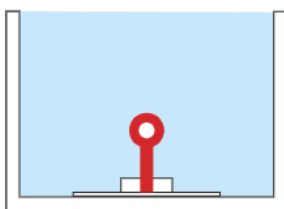
Full module (F)



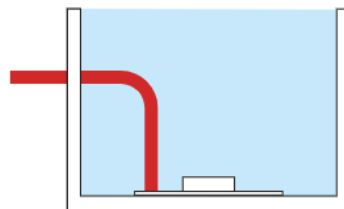
Luminaire (L)  
or full module (F)

### Connection type (OP-M-EO-100-20-N4-820-AG-LEC-1000)

End exit wire (E)



Side exit wire (S)



Back exit wire (B)

