

# MARCO D160 20 W



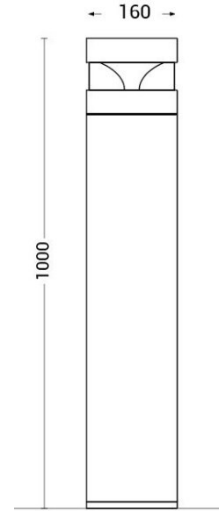
BOLLARDS

IP66

IK08



EN60598 CE



## PRODUCT DATA

### General Information

Number of light source	60 pcs
LED module	Mid Power LED's on alu-PCB
Light distribution	360°
Light source colour	3000K-4000K
Number of gear unit	-
Driver / power unit	PS (Constant current)
Driver included	Yes
Optical cover / lens type	Diffuser
Control interface	On/Off
Connection	-
Cable	3x0,75 mm <sup>2</sup>
Protection class IEC	Safety class II
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Optic type	Symmetric
EU RoHS compliant	Yes
Light source engine type	LED
LDT / IES photometric file	Available
Life span	Estimated average 50.000 hours
MacAdams	CCT tolerance within a 3 step MacAdams ellipse
Product code	60-D160-20-X (XX: Lens angle, X: Led colour)

### Operating and Electrical

Input Voltage	198-264 V AC
Input frequency	50 to 60 Hz
Inrush current	91 mA
Power factor (min.)	0.92

### Control and Dimming

Dimmable(optional)	1-10V - DALI
DMX	-

### Mechanical and Housing

Housing material	Aluminium
Gasket	Silicone
Optic material	-
Optical cover / lens material	Plexiglass (5mm)
Fixation material	Stainless steel
Mounting device	-
Effective projected area	0,16m <sup>2</sup> - 0,06m <sup>2</sup>
Colour	Black
Dimensions (height x width x depth)	1000(400) x 160 x 160 mm

### Approval and Application

Ingress protection code	IP66
Mech. impact protection code	IK08
Surge protection (common/differential)	2 KV / 1KV

### Initial Performance (IEC Compliant)

Module luminous flux	1705 lm (4000K) / 1651 lm (3000K)
Luminaire luminous flux	1550 lm (4000K) / 1501 lm (3000K)
LED luminaire efficiency	76 lm (4000K) / 73 lm (3000K)
Colour Temperature	4000K / 3000K
	6500K also available up on request.
Colour rendering index	≥70
Rated LED power	18 W
Rated luminaire power	20 W

### Application Conditions

Ambient temperature range	-25°C to +55°C
Maximum dimming level	-
Net weight (piece)	Variable

**Fixture Run Length** To calculate fixture run lengths and total power consumption for your specific installation, please ask to company assistant

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