135
lumens/watt

Mariner Premium

LED Mariner PR G1 TU 5' 49W 840 SST

93101668

Product information

This fixture has an attractive, neutral aesthetics that makes it suitable for applications in both commercial, residential and industrial environments. It is an energy-efficient, low maintenance alternative to traditional fluorescent waterproof fixtures. The integrated mariner offers customers the best mix of value and performance. It has compact size with high lumen output and completely integrable lighting solution for applications with high requirements for luminous intensity and resistance.

Product data

Product code	93101668
Description	LED Mariner PR G1 TU 5' 49W 840 SST
DIALux description	TUNGSRAM - Mariner Premium - 6600lm - 49W - 4000K - 80CRI - 93101668[SKU] - Surface /Suspended mount
Brand	TUNGSRAM
Product category	Waterproof Mariner Integrated Premium
Product family	Mariners
Application areas	Warehouse / Industrial / Garage
DUN Code	10064894596152
Light source	LED
Sensor	No sensor
Emergency option	No EM
Mounting type	Surface /Suspended mount
Weight [kg]	0,87
Body color	Gray
Product dimensions (Length) x (Width) x (Height) [mm]	1465 x 66 x 63
Operating temperature min [°C]	-20
Operating temperature max [°C]	40
Rated ambient temperature (tq) [°C]	25
Cooling	Passive
Certifications	CE, EAC
General warranty [year]	5

Performance data

System power [W]	49
Nominal luminous flux [lm]	6600
Rated efficacy [lm/W]	135
Rated life L70/B50 [h]	50000
IP front (optical)	65
IP back (electrical)	65
IP Rating	65
Impact resistance (IK)	IK08
Energy efficiency class (EEC)	E

Photometrical data

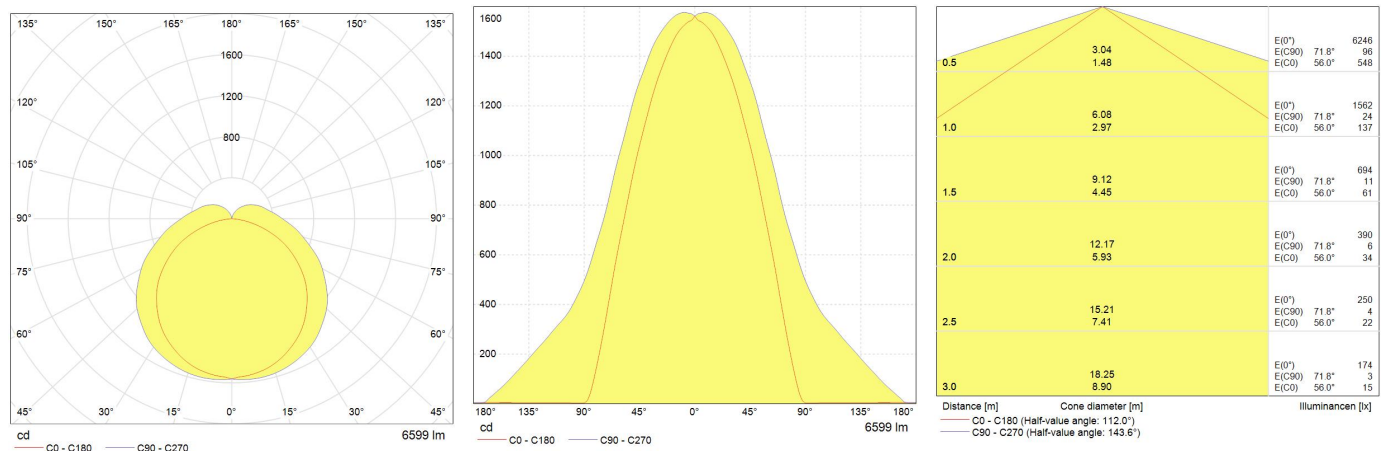|	
Photometric distribution	Wide
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	>=80
Nominal beam angle [°]	125
UGR value (4H8H)	24.0 / 26.1
Colour consistency in MacAdam steps SDCM	≤4
Photobioligical risk	RG0

Electrical data

IEC protection class	Class II
Operating voltage [V]	220-240V
Rated frequency or frequency range [Hz]	50/60Hz
Lamp input current [mA]	229
Nominal lamp power factor	>=0.9
Controllability	Static

Logistic data

Box quantity	1
Shipment	Standard
Product status	Available

Light distribution

C0 - C180   C90 - C270   6599 lm

C0 - C180   C90 - C270   6599 lm

Distance [m]	Cone diameter [m]			Illuminancen [lx]
0.5	3.04 / 1.48	E(0°)		6246
		E(C90)	71.8°	96
		E(C0)	56.0°	548
1.0	6.08 / 2.97	E(0°)		1562
		E(C90)	71.8°	24
		E(C0)	56.0°	137
1.5	9.12 / 4.45	E(0°)		694
		E(C90)	71.8°	11
		E(C0)	56.0°	61
2.0	12.17 / 5.93	E(0°)		390
		E(C90)	71.8°	6
		E(C0)	56.0°	34
2.5	15.21 / 7.41	E(0°)		250
		E(C90)	71.8°	4
		E(C0)	56.0°	22
3.0	18.25 / 8.90	E(0°)		174
		E(C90)	71.8°	3
		E(C0)	56.0°	15

C0 - C180 (Half-value angle: 112.0°)
C90 - C270 (Half-value angle: 143.6°)

Downloads & Links

Go to the catalog site (HTTP)

Datasheet (PDF)

Installation guide (PDF)

Images (HTTP)

DoC Document (PDF)

DoC Document - EM (PDF)

DoC Document - Sensor (PDF)

Datasheet (HUN) (PDF)

Datasheet (FR) (PDF)