



137

lumens/watt

## Mariner Premium

LED Mariner PR G1 TU 5' 70W 840 SST  
93101687

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### 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.

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## Product data

Product code	93101687
Description	LED Mariner PR G1 TU 5' 70W 840 SST
DIALux description	TUNGSRAM - Mariner Premium - 9600lm - 70W - 4000K - 80CRI - 93101687[SKU] - Surface /Suspended mount
Brand	TUNGSRAM
Product category	Waterproof Mariner Integrated Premium
Product family	Mariners
Application areas	Warehouse / Industrial / Garage
DUN Code	10064894567305
Light source	LED
Sensor	No sensor
Emergency option	No EM
Mounting type	Surface /Suspended mount
Weight [kg]	0,88
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]	70
Nominal luminous flux [lm]	9600
Rated efficacy [lm/W]	137
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)	D

## Photometrical data

Photometric distribution	Wide
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	$\geq 80$
Nominal beam angle [°]	125
UGR value (4H8H)	25.3 / 27.2
Colour consistency in MacAdam steps SDCM	$\leq 4$
Photobiological risk	RG0

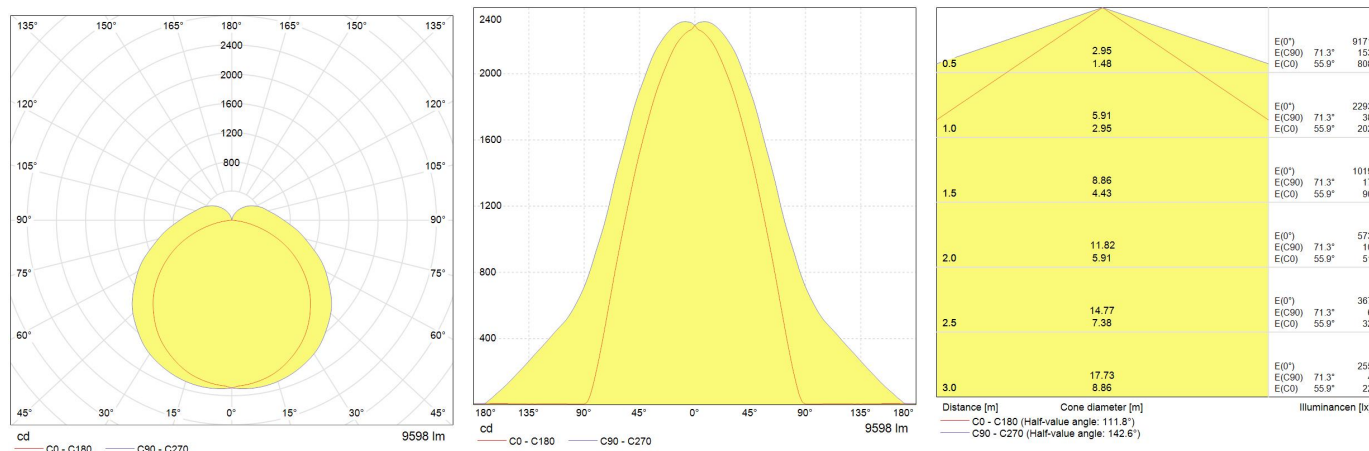
## Electrical data

IEC protection class	Class II
Operating voltage [V]	220-240V
Rated frequency or frequency range [Hz]	50/60Hz
Lamp input current [mA]	310
Nominal lamp power factor	$\geq 0.9$
Controllability	Static

## Logistic data

Box quantity	1
Shipment	Standard
Product status	Available
Accessory	93044483 / 93044484

## Light distribution



## 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 \(FR\) \(PDF\)](#)