



## Mariner Start

LED MARINER ST G1 TU 4' 48W 840 S  
EU

93096962

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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	93096962
Description	LED MARINER ST G1 TU 4' 48W 840 S EU
DIALux description	TUNGSRAM - Mariner Start - 4800lm - 48W - 4000K - 80CRI - 93096962[SKU] - Surface
Brand	TUNGSRAM
Product category	Waterproof Mariner Integrated Start
Product family	Mariners
Application areas	Warehouse, Garage
DUN Code	10064894594769
Light source	LED
Sensor	No sensor
Emergency option	No EM
Mounting type	Surface
Weight [kg]	1,45
Body color	Gray
Product dimensions (Length) x (Width) x (Height) [mm]	1200 x 92 x 60
Operating temperature min [°C]	-20
Operating temperature max [°C]	25
Rated ambient temperature (tq) [°C]	25
Cooling	Passive
Certifications	CE
General warranty [year]	3

## Performance data

System power [W]	48
Nominal luminous flux [lm]	4800
Rated efficacy [lm/W]	100
Rated life L70/B50 [h]	30000
IP front (optical)	65
IP back (electrical)	65
IP Rating	65
Impact resistance (IK)	IK08

## 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)	24.5 / 26.4
Colour consistency in MacAdam steps SDCM	$\leq 6$
Photobiological risk	RG0

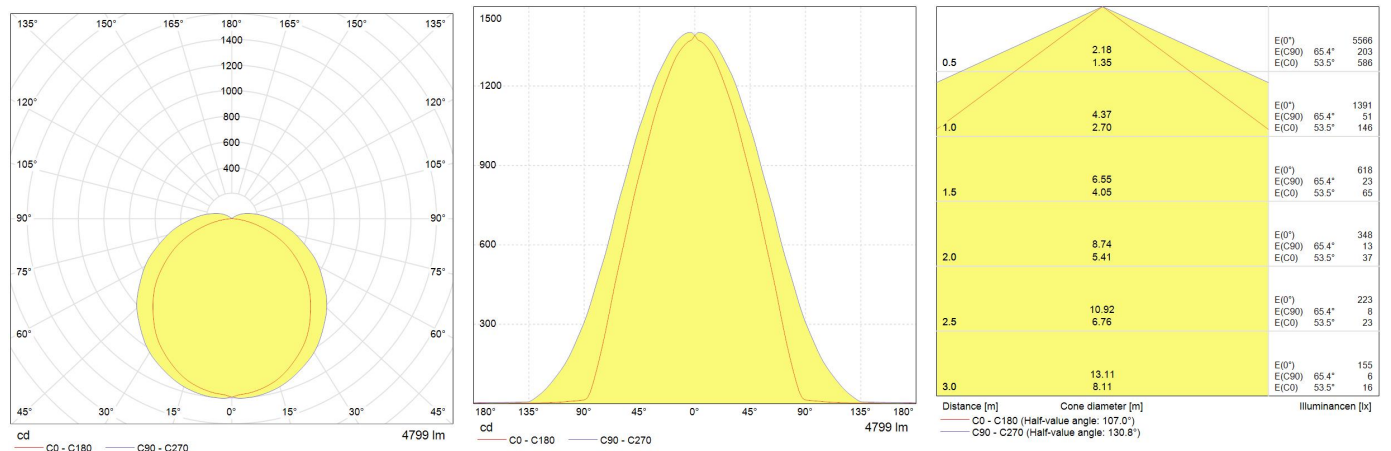
## Electrical data

IEC protection class	Class I
Operating voltage [V]	220-240V
Rated frequency or frequency range [Hz]	50Hz
Lamp input current [mA]	216
Nominal lamp power factor	$\geq 0.9$
Controllability	Static

## Logistic data

Box quantity	1
Shipment	Standard
Product status	Available

## Light distribution



## Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[Installation guide \(PDF\)](#)

[Images \(HTTP\)](#)

[DoC Document \(PDF\)](#)

[Datasheet \(FR\) \(PDF\)](#)