120
lumens/watt

Mariner Standard

LED MARINER ST G2 TU 4' 22W 840 S

93120927

Product information

This fixture has a simple but attractive design, that makes it suitable for applications in commercial, residential or industrial environments. It is an energy-efficient, long-life, low maintenance alternative to traditional fluorescent waterproof fixtures.

Product data

Product code	93120927
Description	LED MARINER ST G2 TU 4' 22W 840 S
DIALux description	TUNGSRAM - Mariner Standard - 2650lm - 22W - 4000K - 80CRI - 93120927[SKU] - Surface
Direct Shipment pair	93120871 - LED MARINER ST G2 TU 4' 22W 840 S DS
Brand	TUNGSRAM
Product category	Waterproof Mariner Integrated Standard
Product family	Mariners
Application areas	Industrial; Car park / Garages; Retails
DUN Code	15994100094712
Light source	LED
Sensor	No sensor
Emergency option	No EM
Mounting type	Surface
Weight [kg]	1,4
Body color	White Body + Opal Cover
Product dimensions (Length) x (Width) x (Height) [mm]	1200 x 72 x 58
Operating temperature min [°C]	-20
Operating temperature max [°C]	25
Rated ambient temperature (tq) [°C]	25
Cooling	Passive
Certifications	CE, Morocco, UKCA
General warranty [year]	5

Performance data

System power [W]	22
Nominal luminous flux [lm]	2650
Rated efficacy [lm/W]	110
Rated life L70/B50 [h]	50000
Rated life L80/B20 [h]	50000
Rated life L80/B10 [h]	50000
IP front (optical)	65
IP back (electrical)	65
IP Rating	65
Impact resistance (IK)	IK08

Photometrical data

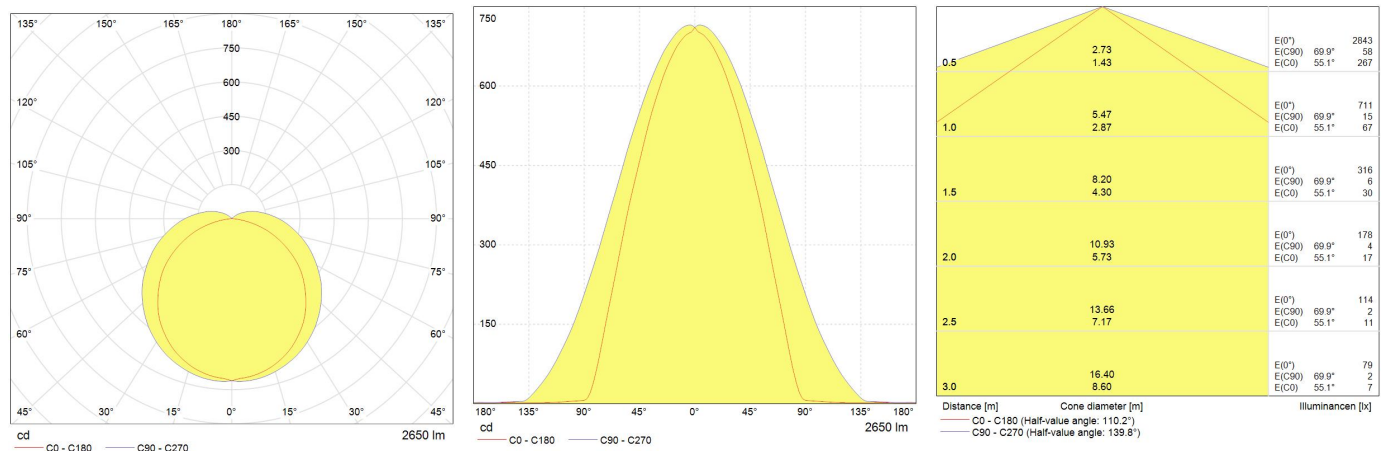|	
Photometric distribution	Medium
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	80
Nominal beam angle [°]	115
Colour consistency in MacAdam steps SDCM	max 6
Photobioligical risk	RG0

Electrical data

IEC protection class	Class I
Operating voltage [V]	220-240V
Rated frequency or frequency range [Hz]	50Hz
Lamp input current [mA]	164
Nominal lamp power factor	>=0.5
Controllability	Static

Logistic data

Box quantity	1
Shipment	Standard
Product status	Available

Light distribution

E(0°)		2843
E(C90)	69.9°	58
E(C0)	55.1°	267
E(0°)		711
E(C90)	69.9°	15
E(C0)	55.1°	67
E(0°)		316
E(C90)	69.9°	6
E(C0)	55.1°	30
E(0°)		178
E(C90)	69.9°	4
E(C0)	55.1°	17
E(0°)		114
E(C90)	69.9°	2
E(C0)	55.1°	11
E(0°)		79
E(C90)	69.9°	2
E(C0)	55.1°	7

Distance [m]	Cone diameter [m]	
0.5	2.73 / 1.43	
1.0	5.47 / 2.87	
1.5	8.20 / 4.30	
2.0	10.93 / 5.73	
2.5	13.66 / 7.17	
3.0	16.40 / 8.60	

C0 - C180 (Half-value angle: 110.2°)
C90 - C270 (Half-value angle: 139.8°)

2650 lm

Downloads & Links

Go to the catalog site (HTTP)

Datasheet (PDF)

Installation guide (PDF)

Images (HTTP)

Declaration of Conformity (PDF)

Datasheets on all languages (HTTP)