

# Mariner Clip G1



DATA SHEET

LED IP65 IK08 CLASS I CE UK CA

## Product information

Tungsrang Mariner Clip combines a classical, traditional design with modern technology. This product is an ideal choice for warehouse, factory or garage lighting, where robust structure, easy and flexible installation, high luminous flux combined with high efficiency is required. The range is suitable for most location when linear lighting is needed, due to its high ingress protection (IP65) and high impact protection level (IK08).

## Features

- Two sizes: 1230mm and 1530mm
- Control: Lifud DALI and Static drivers
- Highly Efficient: up to 140lm/W
- Luminous flux: up to 7000 lm
- CCT: 4000K, 6500K
- SDCM  $\leq 6$
- Lifetime: 50.000 hours @ L80B10
- 5 - Year Warranty
- IP65 and IK08 protection
- Flicker free Driver
- Quick connector
- High quality Lumileds chips
- Grey body with semi-transparent diffuser and stainless steel
- Operating temperature from -20 °C up to 50 °C
- Microwave sensor & Emergency options

## Application areas



Warehouses / factories



Garage

## Specification summary

Parameters below are the same for all luminaires in the range:

Light Technology used	LED
Light source	Non-replaceable light source
Mains / Non-mains	Mains Light source
Directional / Non-directional	Non-directional
Colour-tunable	No
Anti-glare shield	No
Correlated color temperature (CCT)	3000K, 4000K, 6500K
Color rendering index min. (CRI)	80
R9 colour rendering index value	0
SDCM (Standard Deviation or Color Maintenance)	max 6
Beam angle	115°
Flicker metric	<0.1
Stroboscopic effect metric	<0.1

Input Voltage & Frequency	220-240VAC, 50/60Hz
Power factor	$\geq 0.9$
Displacement factor	$\geq 0.5$
Standby power	0W
Lifetime (L80B20)	>50000h
Survival factor at 3000h	1
Lumen maintenance at 3000h	96%
Ingress protection (IP)	IP65
Impact protection (IK)	IK08
Color of Housing	Gray (RAL7035)
Materials (housing)	PC

Parameters below are specific for each of the product codes:

Product code	Description	ELECTRICAL DATA					PHOTOMETRICAL DATA			DIMENSIONS & WEIGHTS		
		Luminaire power (W)	Light source On-mode power (W)	Light source Input voltage (VDC)	Light source Input current (mA)	Dimmable	Luminaire lumen (lm)	Emergency lumen (lm)	Luminaire Efficiency (lm/W)	Dimensions (LxWxH) (mm)	Product weight (kg)	Operating temperature range (°C)
<b>STATIC RANGE</b>												
93119472	Tung Mariner CL G1 4' 22W 840 S	22	19,5	77	255	No (Static)	3080	-	140	1230x78x75	1,4	-20 to +50
93119907	Tung Mariner CL G1 4' 22W 840 S DS	22	19,5	77	255	No (Static)	3080	-	140	1230x78x75	1,4	-20 to +50
93119473	Tung Mariner CL G1 4' 33W 840 S	33	30	88	345	No (Static)	4650	-	140	1230x78x75	1,4	-20 to +50
93119908	Tung Mariner CL G1 4' 33W 840 S DS	33	30	88	345	No (Static)	4650	-	140	1230x78x75	1,4	-20 to +50
93119474	Tung Mariner CL G1 5' 31W 840 S	31	28,5	83	345	No (Static)	4350	-	140	1530x78x75	1,7	-20 to +50
93119909	Tung Mariner CL G1 5' 31W 840 S DS	31	28,5	83	345	No (Static)	4350	-	140	1530x78x75	1,7	-20 to +50
93119475	Tung Mariner CL G1 5' 50W 840 S	50	46,5	137	340	No (Static)	7000	-	140	1530x78x75	1,7	-20 to +50
93119910	Tung Mariner CL G1 5' 50W 840 S DS	50	46,5	137	340	No (Static)	7000	-	140	1530x78x75	1,7	-20 to +50
93120835	Tung Mariner CL G1 4' 22W 865 S DS	22	19,5	77	255	No (Static)	3080	-	140	1230x78x75	1,4	-20 to +50
93120836	Tung Mariner CL G1 4' 33W 865 S DS	33	30	88	345	No (Static)	4650	-	140	1230x78x75	1,4	-20 to +50
93120533	Tung Mariner CL G1 4' 36W 865 S DS	36	33,5	95	345	No (Static)	4900	-	136	1230x78x75	1,4	-20 to +50
93120837	Tung Mariner CL G1 5' 31W 865 S DS	31	28,5	83	345	No (Static)	4350	-	140	1530x78x75	1,7	-20 to +50
93120838	Tung Mariner CL G1 5' 50W 865 S DS	50	46,5	137	340	No (Static)	7000	-	140	1530x78x75	1,7	-20 to +50
<b>DIMMABLE RANGE</b>												
93119516	Tung Mariner CL G1 4' 21W 840 D	21	8	41	450	Yes (DALI)	2950	-	140	1230x78x75	1,4	-20 to +50
93120326	Tung Mariner CL G1 4' 21W 840 D DS	21	8	41	450	Yes (DALI)	2950	-	140	1230x78x75	1,4	-20 to +50
93119517	Tung Mariner CL G1 4' 32W 840 D	32	8	41	695	Yes (DALI)	4500	-	140	1230x78x75	1,4	-20 to +50
93120327	Tung Mariner CL G1 4' 32W 840 D DS	32	8	41	695	Yes (DALI)	4500	-	140	1230x78x75	1,4	-20 to +50
93119518	Tung Mariner CL G1 5' 30W 840 D	30	8	41	645	Yes (DALI)	4140	-	138	1530x78x75	1,7	-20 to +50
93120328	Tung Mariner CL G1 5' 30W 840 D DS	30	8	41	645	Yes (DALI)	4140	-	138	1530x78x75	1,7	-20 to +50
93119519	Tung Mariner CL G1 5' 51W 840 D	51	10	41	1115	Yes (DALI)	6920	-	135	1530x78x75	1,8	-20 to +40
93120329	Tung Mariner CL G1 5' 51W 840 D DS	51	10	41	1115	Yes (DALI)	6920	-	135	1530x78x75	1,8	-20 to +40
93120839	Tung Mariner CL G1 4' 21W 865 D DS	21	8	41	450	Yes (DALI)	2950	-	140	1230x78x75	1,4	-20 to +50
93120840	Tung Mariner CL G1 4' 32W 865 D DS	32	8	41	695	Yes (DALI)	4500	-	140	1230x78x75	1,4	-20 to +50
93120841	Tung Mariner CL G1 5' 30W 865 D DS	30	8	41	645	Yes (DALI)	4140	-	138	1530x78x75	1,7	-20 to +50
93120842	Tung Mariner CL G1 5' 51W 865 D DS	51	10	41	1115	Yes (DALI)	6920	-	135	1530x78x75	1,8	-20 to +40
<b>STATIC with Sensor</b>												
93119858	Tung Mariner CL G1 4' 23 W 840 MS	23	20	77	255	No (Static)	2900	-	126	1230x78x75	1,5	-20 to +50
93119859	Tung Mariner CL G1 4' 34 W 840 MS	34	30	88	345	No (Static)	4400	-	129	1230x78x75	1,5	-20 to +50
93119860	Tung Mariner CL G1 5' 32 W 840 MS	32	29	83	345	No (Static)	4150	-	129	1530x78x75	1,7	-20 to +50
93119861	Tung Mariner CL G1 5' 51 W 840 MS	51	47	137	340	No (Static)	6800	-	133	1530x78x75	1,7	-20 to +50
<b>STATIC with Emergency</b>												
93119520	Tung Mariner CL G1 4' 25W 840 SEM	25	20	77	260	No (Static)	2880	260	115	1230x78x75	1,8	-20 to +50
93119521	Tung Mariner CL G1 4' 36W 840 SEM	36	30	88	345	No (Static)	4350	260	120	1230x78x75	1,8	-20 to +50
93119522	Tung Mariner CL G1 5' 34W 840 SEM	34	29	83	350	No (Static)	4150	260	122	1530x78x75	2,0	-20 to +50
93119523	Tung Mariner CL G1 5' 53W 840 SEM	53	48	137	350	No (Static)	6650	260	125	1530x78x75	2,0	-20 to +50
<b>DIMMABLE with Emergency</b>												
93119524	Tung Mariner CL G1 4' 24W 840 DEM	24	19	41	450	Yes (DALI)	2750	260	114	1230x78x75	1,9	-20 to +50
93119525	Tung Mariner CL G1 4' 35W 840 DEM	35	29	41	690	Yes (DALI)	4350	260	124	1230x78x75	1,9	-20 to +50
93119526	Tung Mariner CL G1 5' 33W 840 DEM	33	27	41	650	Yes (DALI)	3900	260	118	1530x78x75	2,3	-20 to +50
93119527	Tung Mariner CL G1 5' 54W 840 DEM	54	46	41	1100	Yes (DALI)	6500	260	120	1530x78x75	2,3	-20 to +50

Direct Shipment versions can be produced for all versions upon request.

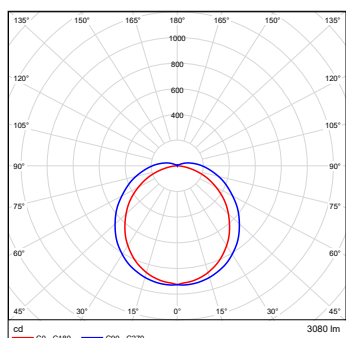
# Energy efficiency class (A-G)\*



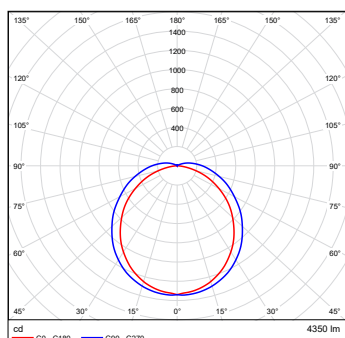
93119472	93119910	93120326	93120839	93119858	93119524
93119907	93120835	93119517	93120840	93119860	93119526
93119473	93120836	93120327	93120841	93119861	93119527
93119908	93120533	93119518	93120842	93119520	
93119474	93120837	93120328	93119859	93119521	
93119909	93120838	93119519	93119525	93119522	
93119475	93119516	93120329		93119523	

\*According to regulation 2019/2015

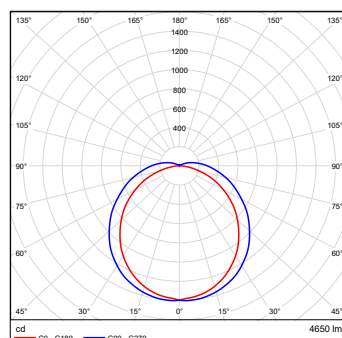
## Photometric data



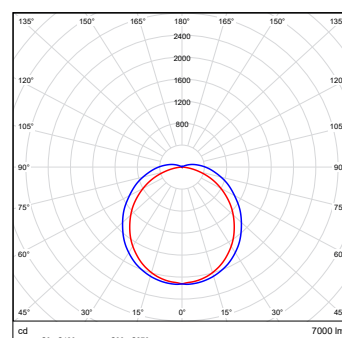
22W



31W



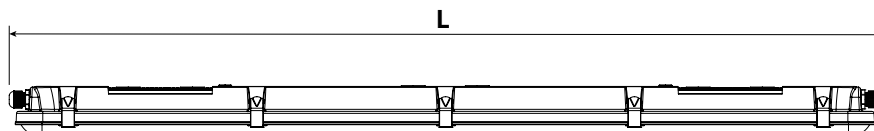
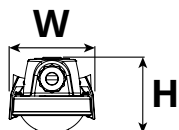
33W



50W

Only for indicative purpose. For lighting design, please use the ldt photometry files available for the products.

## Dimensions (mm)



Type	L (mm)	W (mm)	H (mm)
4ft	1230	78	75
5ft	1530	78	75

## Ordering information

Internal Code	Range	Generation	Length	System Power	CRI	CCT	Control	Emergency Option	Shipment / other
Tung Mariner	CL - Clip	G1 - Generation 1	4' - 4 feet 5' - 5 feet	21W 22W 23W 24W 25W 30W 31W 32W 33W 34W 35W 36W 50W 51W 53W 54W	8 - 80	40 - 4000K 65 - 6500K	S - Static D - DALI MS - Static Motion Mensor	EM - Integrated Emergency (Static)	- DS - Direct Shipment

## Regulatory and standards

**Regulatory mark:** CE, UKCA, Morocco

**Regulations:** 2014/35/EU, 2014/30/EU, 2011/65/EU, (framework 2009/125/EC) EU 2019/2020, (framework EU/2017/1369) EU 2019/2015\*

**Harmonized standards:** EN 60598, EN 62493, EN 61547, EN55015, EN 61000, look for CE Declaration of Conformity and Technical File for details

Photobiological risk assessment is maximum group 1. The product is considered safe, does not pose any photobiological hazard  
\*not on DOC

