

6806020SCW

SURFACE MOUNTED TRI-PROOF LED LAMP WITH SENSOR 20W 600MM 5700K

Surface mounted tri-proof LED lamp with sensor, Merrytek. 20W power and 3000lm luminous flux. Symmetrical optical beam of 120° and color temperature of 5700K. Protection rating against external elements IP67 and mechanical impact rating IK08. Base made of ABS and diffuser made of polycarbonate with opal finish.



PRODUCT INFORMATION

Item code:	6806020SCW
Description:	Surface mounted tri-proof LED lamp with sensor
EAN13 code:	8436568447643

ELECTRICAL PARAMETERS

Power:	20w
Voltage:	110-260vac
Frequency:	50-60Hz
Power factor:	0,9
Dimmable:	Not
Electrical insulation class:	CLASE II
Connection:	L/N

LIGHTING PARAMETERS

Color temperature:	5700K
Lighting efficiency:	150 lm/w
Lumens:	3000lm
LED chip model:	SMD 2835
Beam angle:	120°
Light distribution:	Symmetric
Colour rendering index:	>80
Minimum colour rendering index:	80
Maximum colour rendering index:	83
Standard colour deviation:	<6
Luminous maintenance factor:	L95B10
Flicker rate:	≤1,0
Strobe effect visibility measurement:	≤0,4
Flicker free (visual comfort):	YES

MOTION SENSOR PARAMETERS

Sensor brand:	Merrytek
Sensor model:	MC 130 S
Sensor type:	Antenna
Operating mode:	ON/OFF function
Configuration options:	Yes
Control system:	Remote control, Model MH10
Detection angle:	360° ceiling
Switch-on time:	5sg, 30sg, 1min, 3min, 5min, 10min, 20min, 30min
Light sensor:	5lux, 15lux, 30lux, 50lux, 100lux, 150lux, deshabilitado
Detection area:	100%, 75%, 50%, 25%
Detection range:	Maximum 3 mts
Mounting height:	2,5 a 4 mts
Voltage:	220-240vac 50Hz

TECHNICAL PARAMETER

Protection rate:	IP67 (dust-tight and protected against temporary immersion in water up to 1m depth for 30 minutes)
Impact rate:	IK08 (5J)
Work temperature:	-20°~50°
Mounting type:	Surface

LIFE SPAN

Long-life:	45000 h
Switch ON/OFF:	35000 ON/OFF

PHYSICAL PARAMETER

Housing	
Material:	ABS
Colour:	Grey
Cover	
Material:	Polycarbonate
Colour:	Opal
Weight	
Weight:	0,75 kg

ENERGY EFFICIENCY 2023 (UE-2019/2015)

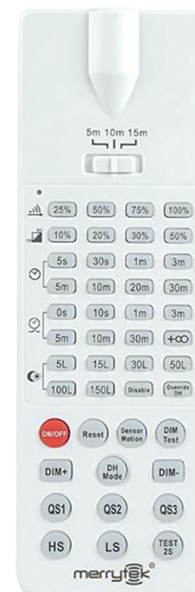
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MEASURE



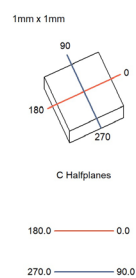
CONTROL FUNCTIONS

KEY	FUNCTION
ON/OFF	Press "ON/OFF"; the light will switch to constant on/off mode and the sensor function will be deactivated. In this mode, the DIM+/DIM- function can be used, and the brightness level set via DIM+/DIM- will be maintained when the device is turned on again. In constant on mode, if the light is turned off and then on again, it will remain in constant on mode. In constant off mode, if the light is turned off and then on again, it will turn on for 2 seconds and then return to constant off mode.
Reset	Press the "Reset" button to return all settings to the original DIP switch configuration.
Sensor motion	Press the motion sensor button; the light will exit constant on/off mode and the sensor will start operating (the last configuration remains active).
DIM Test	N/A
DIM+ / DIM-	N/A
DH mode	N/A
QS1 / QS2 / QS3	N/A
TEST 2S	N/A
HS / LS	N/A
 Light sensor	5Lux / 15Lux / 30Lux / 50Lux / 100Lux / 150Lux / Deshabilitar
 N/A	N/A
 Switch-on time	5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min
 N/A	N/A
 Detection area	25% / 50% / 75% / 100%
 Remote control range	Changing the button can set the sensor distance of the remote control.

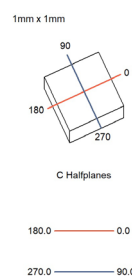
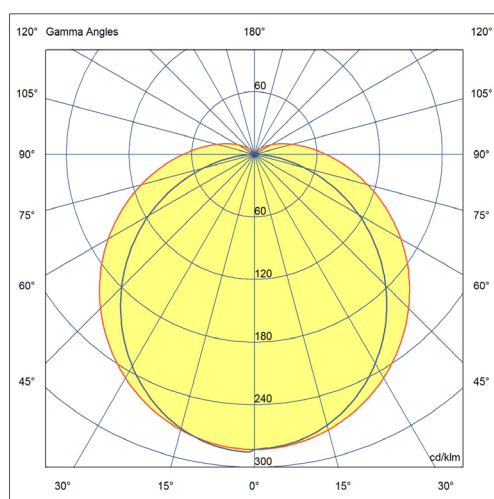


MH10

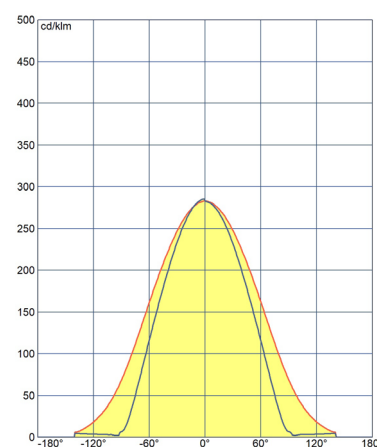
LIGHT INTENSITY DISTRIBUTION CURVE



Flux 2351 lm
Maximum 285.48 cd/klm
Position C=270.00 G=1.00
Efficiency: 100.00%
Date: 29-01-2021
Asymmetrical



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EMC Directive 2014/30/EU ELECTROMAGNETIC COMPATIBILITY

- EN IEC 55015:2019/A11:2020** Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
- EN 61547:2009** Equipment for general lighting purposes - EMC immunity requirements
- EN IEC 61000-3-2:2019/A1:2021** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current < 16 A per phase).
- EN 61000-3-3:2013/A2:2021** Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A per phase and not subject to conditional connectio.

LVD Directive 2014/35/EU LOW VOLTAGE

- EN IEC 60598-2-1:2021** Part 2-1: Particular requirements - Fixed general purpose luminaires.
- EN IEC 60598-1:2021/A11:2022** Part 1: General requirements and tests.
- EN 62493:2015/A1:2022** Assessment of lighting equipment related to human exposure to electromagnetic fields.

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863

Determination of certain substances in electrotechnical products.

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|----------------------|-----------------------|
| IEC 62321-3-1 | IEC 62321-5 |
| IEC 62321-7 | EN ISO 17075-1 |
| IEC 62321-4 | IEC 62321-7-1 |
| IEC 62321-6 | IEC 62321-8 |

