

JULIET-STERILE

MARLITE UK

LIGHTING SOLUTIONS

This product builded for especially hospitals where sterileness is needed. Additionally, with its antiglare diffuser and homogenous light distribution, provide you to creat efficient work places.

Areas of application

- Sterilized indoor areas
- Hospitals, Pharmacies and Healthcare premises
- Laboratories and Cleanrooms
- Food industry and Kitchens
- Premises with hygiene requirements

Products benefits

- The possibility of using three white colors in the same product
- Excellent functional cleanroom performance
- Energy savings of up to 50 % compared to conventional luminaires
- No IR or UV radiation
- Easy and quick installation
- High protection against dust and water. (IP65)

Product features

- Flush-mounted and Surface mounted
- Electrostatic powder coated DKP sheet
- Opal diffuser with prismatic surface, providing homogenous light
- $\geq 50,000$ h lifetime, high efficiency and high color quality index
- Natural White, Cool White, Natural White and 3in1 CCT options
- Constant current LED driver with high efficiency,
- (-) 25 ° C / (+) 50 ° C operating ambient temperature range



Hospital



Labortory



Pharmacy



Test Rooms

Technical Features

Model	Item	AXP_Sterile
Gövde	Body	METAL
Difüzör	Diffuser	PMMA
Güç	Total AC Output Power	36 W
Lümen	Lumen	3950 lm
Güç Faktörü	Power Factor (Pfc)	> 0.96 (cos ϕ)
Çalışma Sıcaklığı	Operating Temp.	(-) 25 ° C - (+) 50 ° C
Ölçüler (E x B x Y)	Dimensions (W x L x h)	595 x 590 x 110 mm (h)
Kesim Ölçüsü	Cutting Dimension	575 x 575 mm

Karakteristik Özellikler

Special Characteristics



Recessed Mount



Different Light Colours
2700 K - 6500 K



Switchable



1-3h EMG Battery Kit
(Optional / Optional)



(575 x 575 mm)



CRI > 85



EMC - Optimised



TRIDONIC



RAL 9016



Efficient lens system



Phase Dimmable
(Optional / Optional)



Surface Mount
(Optional)



Excellent Thermal Management



UGR < 20



DALI Dimmable
(Optional)



IK 05



IP 65



Improved Visual Comfort



Bluetooth Control
(Optional)



SMD Mid-Power
2835 - SAMSUNG



Easy Installation



$\pm 120^\circ$

* Please contact with us for any further request related lighting distribution and eulomat (.ldt) files.

MARLITE UK
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Technical Data

Electrical Data

Nominal input wattage (AC)	36 W
Lamp output wattage (DC)	32.2 W
Nominal input voltage	220 V AC
Nominal input frequency	50/60 Hz
Nominal input current	0,145 A
Driver efficiency	85-90 %
LED forward current	50 mA
Power Factor λ	≥ 0.95
Output current tolerance	$\pm 5 \%$

Phometrical Data

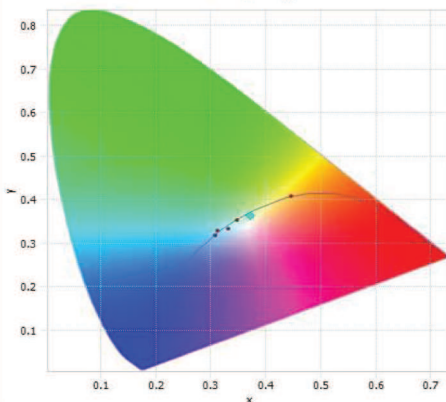
Light color	NW
Color temperature	4000 - 4750 K
Luminous flux	3700 lm $\pm 5\%$
Color rendering index Ra	> 85 - 90

Light technical data

Beam angle	Extremely wide distribution, 120°
Light distribution	Symmetric

Chromaticity Diagram

CIE 1931, 2 Degree



Chromatic Diagram for Naturel White

Temperatures

Operating Temperature	-25...+50 °C
Storage Temperature	-30 / +60

Materials

Body material	Sheet Metal
Body color	Ral 9016 sterile powder coated
Cover material	
Cover color	

Capabilities

Type of connection	Cable & connector
Color change	Optional
DALI control	Optional
Dimmable	Optional
Emergency lighting kit	Optional

Additional product data

Diffuser material	PMMA and PS
Diffuser efficiency	80%-86%
Diffuser type	Single ragged surface

Certificates & Standarts

IEC Protection class	Class I
Ingress Protection Rating	IP65
Standarts	TS EN 60598-2-22 , TS EN 60598-1 , TS EN 62471 , TS EN 13032-1 , TS EN 62031
Certificates	CE , TSE

Led and Driver data

led	samsung 2835 RG 0
driver	tridonic

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Dimensions & Weight

Length (L)	592 mm
Width (W)	590 mm
Height (H)	110 mm
Product weight	8,5 kg
Mounting hole lenth (L1)	575 mm
Mounting hole width (W1)	575 mm
Mounting type	Recessed mounting

