



Specification: Weatherproof (IP65) and robust (IK10) self-contained emergency LED twin spot. Constant emergency light (1000lm) for 3 hours. Low stand-by power consumption (0.8W). Self-test versions and remote controls available. Lithium battery as standard. Non-maintained configuration. Suitable for indoor and outdoor applications such as car parks, distributions centres, storage rooms, warehouses and large open space areas.



Key Features

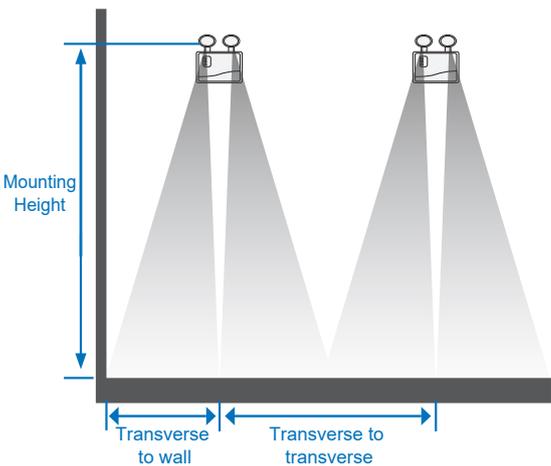
- Low stand-by power consumption (0.8 W)
 - Fast battery re-charge (16 hrs)*
 - Rotatable (160°) and tiltable (90°) spot lights
 - IP65 cable gland included
 - Remote control available
- * First battery charge takes up to 24hrs

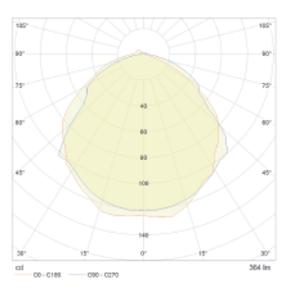
Twin Spot

Part number	Description	Testing facility	Remote control part number *	Operating temperature	Net weight
TSA6-AST	IP65 LED Twin Spot 2x3W 1000lm Self Test AST	Advanced Self-Test (AST)	ARC	0°C - 40°C	0.9 kg

* Advance Remote Control (ARC) allows the competent installer to carry out functional tests and/or full duration tests at any time and to check system's status. Please refer to ARC's user guide.

SPACING TABLE



Photometric curve	Emergency Lighting mode	Mounting height (m)	Anti-panic 0.5 lux		Escape Route 1 lux	
			Transverse to Wall	Transverse to Transverse	Transverse to Wall	Transverse to Transverse
	TSA6	2.5	5.18	12.95	5.18	12.95
		3	6.22	15.54	6.04	15.2
		3.5	7.26	18.13	6.43	16.26
		4	8.3	20.72	6.78	17.2
		4.5	8.78	22.09	7.15	18.06
		5	9.15	23.12	7.47	18.83
		5.5	9.49	24.07	7.76	19.52
		6	9.87	24.95	8.01	20.22
6.5	10.22	25.77	8.23	20.91		

Technical information

Input voltage/frequency	220-240V AC 50Hz
Power consumption	
Maintained	N.A.
Non-maintained	6W(Max), 0.8W(Standby)
Lumen output	
On mains voltage	N.A.
On emergency mode	1000lm
Life (L-70)	50000h
Discharge duration	3hours
kWh	8x10 ⁻⁴ (-4) (Standby)
Charge duration	up to 16hrs (first charge up to 30hrs)
Test facility	AST
IP rate	IP65
IK rate	IK10
Insulation class	II
Operation temp.	0-40°C
Storage temp.	0-50°C

Light Source

Brand	Everlight
Quantity	54 pcs
CCT	4000K
CRI	>70

Materials

Luminaire housing	PC
Luminaire diffuser	PC
Luminaire bracket	N.A.
Luminaire legend	N.A.
Luminaire screws	SS 316
Finish	Matt
Colour	White
Battery type	Li-Ion 3.6V 10000mAh

Logistic information

Product dimensions (L x W x D)mm	226 x 227.3 x 62 mm
Product Net weight (kg)	0.96kg
Box dimensions (L x W x D)mm	240 x 235 x 70 mm
Gross weight (kg)	1.13kg
Quantity of outer carton	14 pcs
Outer carton dimensions(L x W x D)mm	514 x 485 x 260 mm
Outer carton gross weight (kg)	15.8kg
Quantity per Euro pallet (1200 x 800)	336 pcs
Pallet weight (kg)	10 kg

Certification

Safety standard	BS EN 60598-2-22
Certified by	DEKRA
UKCA/CE mark	Yes
Factory QMS	ISO9001

Installation Notes

- Wall mount
- Cable entry to sides (20mm cut-outs) and rear
- Terminal block takes wire up to 3 x 2.5mm²
- IP65 and IK10 rating
- Screw less terminal block (L, N, earth loop in/out)

TESTING FACILITIES

AST (Advanced Self-Test)

This is a self-test luminaire. Functional test is carried out automatically once a week and runs for 30seconds. Full duration test is carried out automatically every 52 weeks. First full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage. This luminaire can be used in conjunction with the Advanced Remote Control (ARC). ARC is an optional tool that adds extra features to AST emergency luminaires. Please refer to the ARC's user guide.