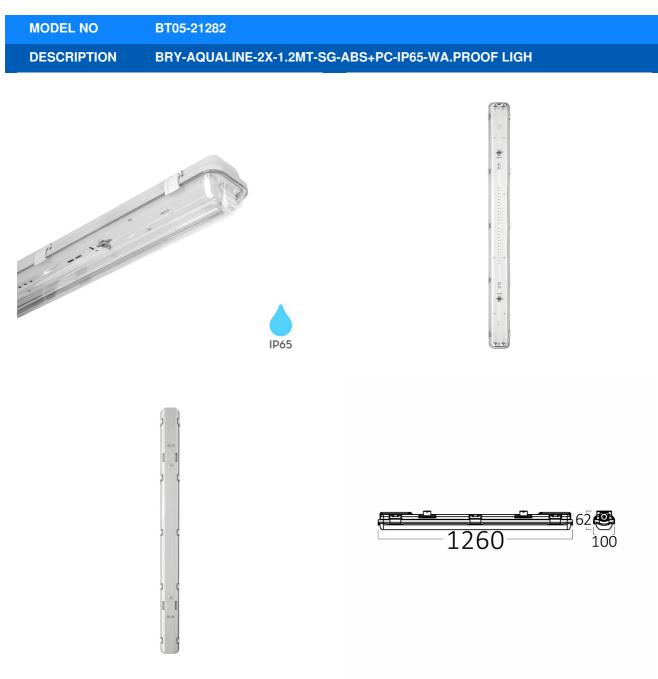
PRODUCT DATASHEET



Luminare is intended to use in outdoor aplications

PRODUCT DATASHEET

General Characteristics

Model No	:	BT05-21282
Main Family	:	Outdoor Lighting
Sub Family	:	T8 Waterproof Light
Туре	:	Waterproof
Body Color	:	Milky White
Lamp Shape	:	N/A
Light Source	:	N/A
Socket	:	G13
Warranty	:	2 years
Class	:	Class II
IP	:	IP65
IK	:	IK08

Product Characteristics

Wattage	:	Max 2x25 w

Electrical Characteristics

Lifetime	:	20000 h
Voltage	:	220-240V
Material	:	ABS
Working Temperature	:	-20 C+40 C
Frequency	:	50-60 Hz

Package Informations

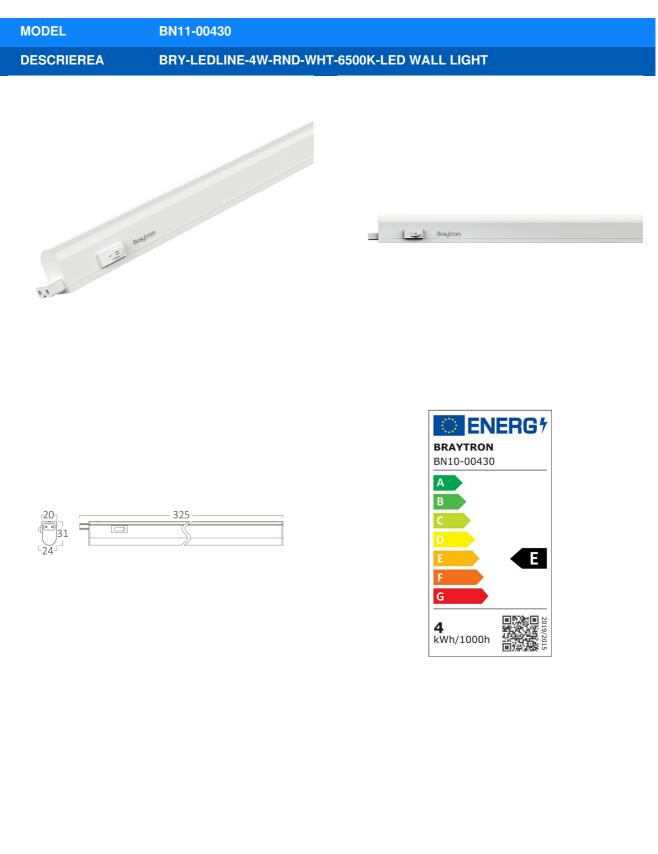
N.W.	:	6,09 kgs
G.W.	:	7,50 kgs
PCS/CTN	:	6 pcs
Length	:	1285 mm
Width	:	255 mm
Height	:	235 mm
EAN	:	5949097734915

Dimensions & Weight

P. Length	:	1262 mm
P. Width	:	100 mm
P. Height	:	76 mm
Weight	:	1015 gr

BRAYTRON SRL Bulaverdul iuliu maniu, Nr.616, Sector 6, 061129, Bucuresti-ROMANIA info@braytron.com www.braytron.com

FISA TEHNICA



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FISA TEHNICA

Caracteristici Generale

Model	:	BN11-00430
Familia principală/Categorie	:	Iluminat Interior
Sub-familia/Subcategorie	:	Led Batten Light
Тір	:	Lumină pentru bătătură
Culoarea corpului	:	Alb
Forma lămpii	:	Non-direcțional (Nedirecțional)
Dimabil	:	Nu este dimabil
Sursa de lumină	:	LED
Garanție	:	2 Ani
Clasă	:	Clasa II
IP (Grad da protectje)	:	IP20

Product Characteristics

Putere	:	4 w
Temperatura culorii	:	6500K
Lumeni efectivi	:	440 lm
Indexul de redare a culorilor (CRI)	:	>80
Nivel de eficiență energetică	:	E
Unghi de emisie al luminii	:	110° Degrees
Categorie de culoare	:	Alb rece

Caracteristici electrice

Lifetime	:	20000 h
Tensiune	:	220-240V
Factor de putere	:	>0,5
Material	:	PC
Temperatura de lucru	:	-20 C+40 C
Frecvență	:	50-60 Hz

Dimensions & Weight

Informații despre ambalaj

Greutate netă	:	1,80 kgs
Greutate brută	:	3,60 kgs
Bucăți pe cutie (PCS/CTN)	:	30 pcs
Lungime	:	430 mm
Lățime	:	200 mm
Înălțime	:	200 mm
Cod EAN	:	5949097736926

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FISA TEHNICA

Caracteristici Generale

:	BT65-25082
e :	Iluminat Exterior
:	Proiector cu LED-uri
:	Proiector
:	Gri
:	Non-direcțional (Nedirecțional)
:	Nu este dimabil
:	LED
:	2 Ani
:	Clasa I
:	IP65
:	IK06
	:

Product Characteristics

Putere	:	50 w
Temperatura culorii	:	3IN1 (3 în 1)
Lumeni efectivi	:	5500 lm
Indexul de redare a culorilor (CRI)	:	>80
Nivel de eficiență energetică	:	E
Unghi de emisie al luminii	:	90° Degrees
Categorie de culoare	:	3IN1 (3 în 1)

Caracteristici electrice

Lifetime	:	20000 h
Tensiune	:	220-240V
Factor de putere	:	>0,9
Material	:	Aluminiu
Temperatura de lucru	:	-20 C+40 C
Frecvență	:	50-60 Hz

Dimensions & Weight

Lungime	:	265 mm
Lățime	:	53 mm
Înălțime	:	171 mm
Greutate	:	500 gr

Informații despre ambalaj

Greutate netă	:	10,00 kgs
Greutate brută	:	12,60 kgs
Bucăți pe cutie (PCS/CTN)	:	20 pcs
Lungime	:	590 mm
Lățime	:	355 mm
Înălțime	:	277 mm
Cod EAN	:	5949097743269

Informații despre senzor

Tip de senzor	:	Mișcare
Distanța de detecție	:	4m-10m (adjustable) (<24C)
Viteza de detecție	:	0,6-1,5m/s
Unghiul de detecție	:	120° Degrees
Înălțimea de instalare	:	1,8m-2,5m
Întârziere în timp	:	10sec-10min (adjustable)
Nivel de iluminare (Lux)	:	10-2000 lux

BRAYTRON SRL Bulaverdul iuliu maniu, Nr.616, Sector 6, 061129, Bucuresti-ROMANIA info@braytron.com www.braytron.com





Certificate of Conformity

Certificate NO.	: BSTXD211221069202SC
Applicant	: BRAYTRON S.R.L B.DUL IULIU MANIU, NR.616, CORP B, ETAJ 1 SECTOR 6, 061129,BUCHAREST,ROMANIA
Manufacturer	: DEMGRUP INTERNATIONAL LIGHTING LIMITED UNIT D 16/F, ONE CAPITAL PLACE, 18 LUARD ROAD, WAN CHAI, HONG KONG
Product Name	: LED LIGHTING FIXTURE
Trade Name	: BRAYTRON
Main Test Model	: BN20-01203
Additional Model	: See Annex
Test Standard	: EN 60598-2-1:2021 EN 60598-1:2021
As shown in the Test Report No.	BSTXD211221069202SR TESTING

The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.





Christina Deng Manager Dec. 30, 2021

BST Testing(Shenzhen) Co., Ltd.

Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China Certificate Search: http://www.bst-lab.com, Tel: 400-962-6168, E-mail:christina@bst-lab.com



Annex to Certificate No.:

BSTXD211221069202SC

Additional Model :

	A following the second second							1.1
ř.	BN01-006XX,	BN01-009XX,	BN01-012XX,	BN01-015XX,	BN01-020XX,	BN02-006XX,	BN02-009XX,	-
1	BN02-012XX,	BN02-015XX,	BN02-020XX,	BN03-006XX,	BN03-009XX,	BN03-012XX,	BN03-015XX,	1
	BN03-020XX,	BN04-006XX,	BN04-009XX,	BN04-012XX,	BN04-015XX,	BN04-020XX,	BN05-006XX,	
2	BN05-009XX,	BN05-012XX,	BN05-015XX,	BN05-020XX,	BN06-001XX,	BN06-002XX,	BN06-004XX,	(
	BN06-005XX,	BN06-006XX,	BN06-007XX,	BN06-008XX,	BN06-009XX,	BN06-010XX,	BN06-011XX,	1
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	BN10-008XX,	BN10-010XX,	BN10-011XX,	BN10-012XX,	BN10-014XX,	BN10-015XX,	BN10-016XX,	
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į.	BN13-007XX,	BN13-008XX,	BN13-009XX,	BN13-010XX,	BN13-011XX,	BN13-012XX,	BN14-004XX,	
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	BN14-012XX,	BN15-004XX,	BN15-005XX,	BN15-006XX,	BN15-007XX,	BN15-008XX,	BN15-009XX,	(
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						BN17-011XX,		
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						BN19-007XX,		
						BN20-005XX,		
						BN20-012XX,		
						BN21-010XX,		
						BN22-008XX,		
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The EUT described above has been tested by us with the listed standards and found in compliance with the council LVD directive 2014/35/EU. It is possible to use CE marking to demonstrate the compliance with this LVD Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.

CE





Christina Deng Manager Dec. 30, 2021

BST Testing(Shenzhen) Co., Ltd.

Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China Certificate Search: http://www.bst-lab.com, Tel: 400-962-6168, E-mail:christina@bst-lab.com

CERTIFICAT DE CONFORMITATE



Nr. de înregistrare 11 A007457-22

Data emiterii 31 mai 2022

Valabil pînă 31 mai 2025

pactie-Certificare-Calitate" S.R.L.

MD 2032, mun. Chişinău, str. Sarmizegetusa, 92, tel./fax 022 50-70-75, www.certificare	e.md
PRIN PREZENTUL DO CUMENT SE CONFIRMĂ FAPTUL, CĂ PRO DUSELE IDENTIFICATE ASTFEL: DENUMIREA / DESCRIEREA	Codul NCM
Corpuri de iluminat public: -felinare stradale, model SMD 20-300 W, 2700-6000K, IP-65, IP-66; COB 20-300 W, 2700-6000K, IP-65, IP-66. Fabricate în serie conform SF 37525051-05001.00001:2019.	9405
SÎNT CONFORME CU CERINȚELE OBLIGATORII STABILITE ÎN : SM SR EN 60598-2-3:2010 (cap.3.4, 3.5, 3.6, 3.7, 3.8, <u>3.9, 3.10, 3.11, 3.14)</u>	
PRODUCĂTOR "LED MARKET" SRL, șos. Muncești, 801, mun. Chișinău, Republica Moldova	Codul țării MD
SOLICITANT	Codul IDNO

SOLICITANT

"LED MARKET" SRL, șos. Muncești, 801, mun. Chișinău, Republica Moldova

CERTIFICATUL ESTE ELIBERAT ÎN BAZA

Raportului de încercări nr. 01/05 din 27.05.2022, eliberat de LÎPI din cadrul ÎS CMAC, mun. Chișinău, str.Coca 28, certificatul de acreditare pr. Lî-093 valabil pînă la 28.11.2024; Raportului de identificare și control tehnic al produselor electrotehnice supuse certificării nr. 9212-22 din 18.05.2022, Raportului de evaluate a procesului de producție nr. 9212-22 din 23.05.2022 și Raportului sumar nr. 9212-22 din 30.05.2022, eliberate de OC "ICC".

INFORMAȚIE SUPLIMENTARĂ:

Nr. 00745

Seria V

Schema certificării produselor nr. 3. Evaluarea periodică se va efectua o dată pe an de OC "ICC" conform contractului de evaluare periodică a produselor certificate nr. 22.22.9212-EPPC din 31.05.2022. Certificatul este valabil doar în cazul asigurării cu informație în limba de stat a/fiecărei unități de produs, conform legislației în vigoare.

> **CONDUCĂTORUL ORGANISMULUI** DE CERTIFICARE

Savoi V.

1004600060124

În atenția antreprenorilor și organelor de control !

Copiile certificatelor se legalizează prin specimenul de ștampilă și semnătura deținătorului certificatului



DL32S Single Light

Description:

Lansing DL32S low-intensity stand-alone obstruction light can be used for marking obstacles which pose a threat to aircraft, such as telecom towers, buildings, wind turbines, airports, power transmission towers and general aviation warning purposes.

The energy-saving LED light is a direct replacement for incandescent fixtures, providing years of reliable and maintenance-free operation. Available in single, double, and optional solar drive package.

LED low intensity aeronautical obstruction lights to meet the demanding requirements of off -shore environmental conditions. The design is based on low power long life LED technology. The polycarbonate Fresnel lens concentrates and distributes LED light beams to output standard -compliant intensity and distribution. The efficient optical system and low-energy circuit design make the light only consume 5 watts. DL32S aviation light complies with ICAO regulation, low intensity Type B.

With a G3/4" universal threaded hub on the bottom, DL32S can be mounted on a conduit or with Lansing brackets designed for towers and buildings. There is a terminal block on its power board inside for wiring.

DL32S single aircraft warning light can be used on top of structures less than 45m. In most cases, multiple DL32S single low intensity aviation obstruction lights are installed in one or more horizontal levels for marking a structure' s outline with medium intensity obstruction lights.

Features& Benefits:

- Based on Led Technologies
- Universal AC and DC voltage available
- · Can be operated in steady-burning or flashing mode
- · Lens made from durable, UV-stabilized LEXAN polycarbonate
- Die cast aluminum with aviation yellow powder coat finish and stainless steel hardware.
- Standard configurations come with 3/4" threaded fittings.
- LED constant current driven to extent LED lifetime.
- Multiple light elements in the source reduce the chances of a complete blackout which could be caused in case of a single source failure.
- All hardware of obstruction lights are made of corrosion resistant metals.
- Bird spikes for protection against droppings.
- Photocell option for automatic activation at night
- No regular maintenance
- Uses 96% less power than an incandescent light
- With surge protection up to 2KV
- Excellent shock and vibration resistant
- No RF Radiations, EMC Compliant
- Reversed Polarity Protected(DC Type)
- Corrosion resistant lamp & housing-suitable for off-shore use
- Flashing rate adjustable
- Both NO and NC dry alarm contacts are available, and it will give an alarm in case of power and light failure(optional).
- · Available both in single and double type



Specifications

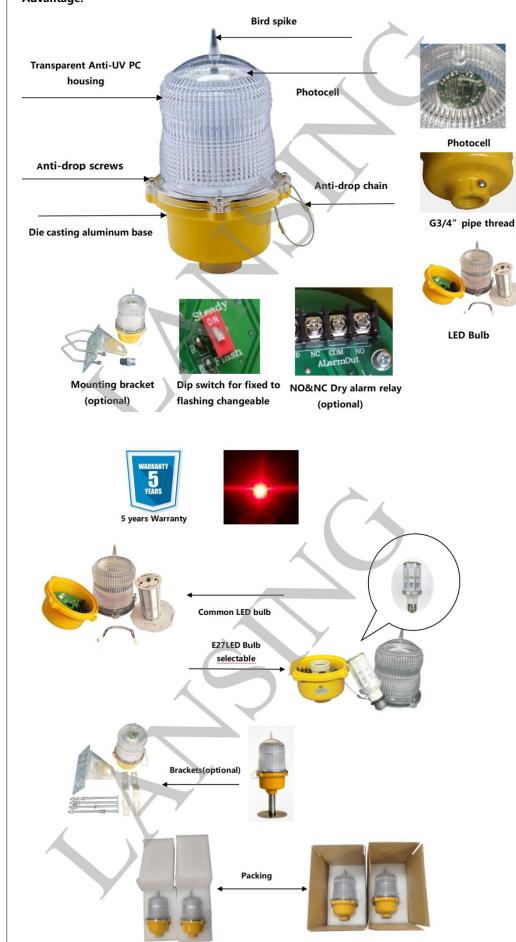
ltem		DL32S	
	Effective Intensity	>32.5 Candela	
	Vertical Divergence	10 Degree	
ELECTRICAL	Horizontal out-put	360 Degree	
CHARACTERISTIC	LED Color	Red, yellow, white, green or blue	
	LED Lifespan	100,000 Hours	
	Woke mode	Flashing	
	Flash Pattern	Flashing: 20/30/40/60FPM; Default: 40FPN	
		Steady burning	
OPERATION	Flash duration	670ms	
	Photocell sensitivity	70-100 Lux	
	Alarm type:	NO & NC, dry contact relay	
POWER SUPPLY	Input voltage	85-265VAC, 50/60 Hz;12VDC;	
		24VDC;30-60VDC;	
	Power consumption	5W(Steady burning)	
	Lens	Polycarbonate, UV Stabilize	
	Body	Die-casting Aluminum	
	IP Ingress	IP65	
MECHANICAL	Weight	0.7KG	
STRUCTURE	Operating Temperature	-40℃ ~ +55℃	
STRUCTURE	Storage Temperature	-40°C ~ +70°C	
	Wire Connection mode	Threaded 3/4'' bottom entry	
	Relative humidity	0-95% RH non-condensing	
	Wind speed	Up to 150mph(240kph)	
	Warranty	2 years	
OTHERS		Flashing pattern(2060FPM)	
	Optional	Built-in photocell	
		NO & NC, dry contact relay	



Shanghai Lansing Electronics Co., Ltd Tel: +86 021-39921107 Fax: +86 021--39921107 Web: www.lansinglight.com E-mail: sales@lansinglight.com Add: No. 609, Tahui Rd, Shihudang Town ,Songjiang district ,Shanghai , China ,201612 All rights reserved by Lansing ,without the written authorization of the Lansing, any part thereof shall not be reproduced or transmitted in any form. 2 / 7



Advantage:

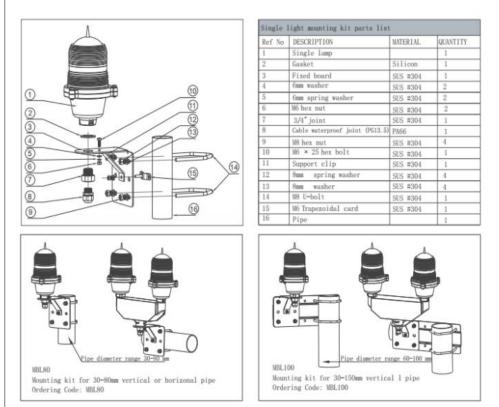


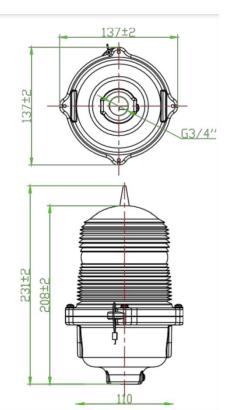
Compliance with

- •Australia CASA Mos Part 139
- •UK CAP168 Low Intensity Obstacle
- •Obstacle Light Low Intensity Type B
- ICAO Annex 14 Volume I July 2016
- •FAA AC No.150/5345 -43F
- •DGAC Mexico



Installation of the light





Mounting Dimension(mm)

Installation and operation

① Secure the light on a smooth surface which has enough strength, if there is no mounting surface, we can customize special mounting bracket as request.

②When installation, please stay away the nearby light source, at the same time, ensure the photocell do not cover by the near object.

③Make sure the power supply can match the rated power of light before connecting.
 ④Unfasten the screws between housing and light base and open the housing, then the terminals appear.

(s)According to the mark on the wiring label of the lamp lead wire, connect the power cable and the alarm wire correctly. Please pay attention to the polarity of the positive and negative poles for the DC voltage.

⑥ After finishing the connection, fasten the housing to the light body tightly.

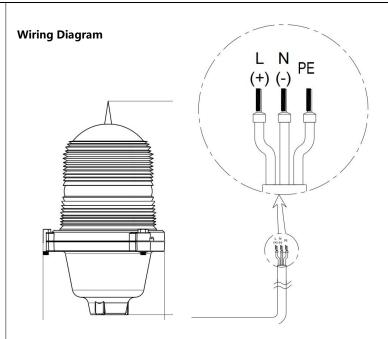
⑦ Check whether the power cables are connected correctly before power on.

Note:

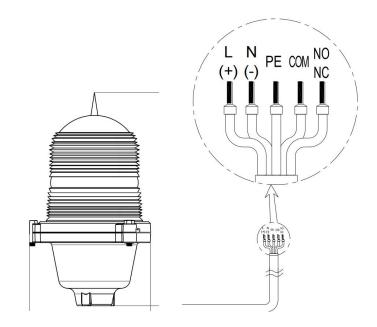
A. If the lamp has built in photocell, remember to cover the photocell with a black cloths if you test the lamp in the daytime, then the lamp will start to work.

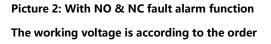
B. If the lamp has GPS function, the fixture need to be kept in an open area outdoor and the GPS function will work after 5-10 minutes.





Picture 1: Without NO & NC fault alarm function The working voltage is according to the order









Operation

Steady burning and flashing changeable(optional)

Unfasten the screws between lamp housing the body, and then take off the lamp housing
 You can see the PCB board inside the lamp and adjust the red dip switch(see attached picture) on the board



③ You can change the light from steady burning mode to flashing mode as your request

Steady burning/flashing mode alternate, and flashing rate setting(optional):

① Unfasten the screws between lamp housing the body, and then take off the lamp housing
② You can see the PCB board inside the lamp and adjust the red dip switch(see attached picture) on the board



③ Adjust two white dip switches to "NO" position, the light will be steady burning mode
④ When the two white dip switches in other positions, the light will be in flashing mode from 20FPM, 30FPM, 40 FPM or 60FPM, see below: (FPM =FLASH PER MINUTE)

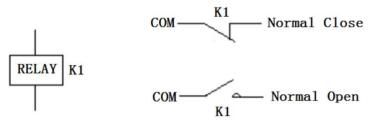
ON	2	1	FPM
1	0	0	Steady
2	0	1	60
3	1	0	30
4	1	1	20

⑤ Adjust the dip switches according to above diagrams based on your request

Fault Alarm Function(optional)

• When the lamp is not receiving a power supply or a lamp failure: The relay has no action,

"common terminal" and "normal close terminal "close, as below:



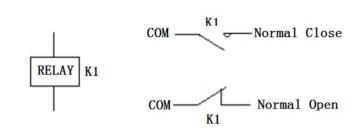
Shanghai Lansing Electronics Co., Ltd Tel: +86 021-39921107 Fax: +86 021--39921107 Web: www.lansinglight.com E-mail: sales@lansinglight.com Add: No. 609, Tahui Rd, Shihudang Town ,Songjiang district ,Shanghai , China ,201612

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• The lights are connected to the power supply and are working properly: Relay action, "

common terminal" and "normal open terminal" close, as below:



If there is no power access, or failure are received "disconnect" signal, the alarm signal line connected to the "common" + "normally open" If the "closed " signal is received when there is no power supply access or fault, the alarm signal line is connected to "common" + "Normal closed"

Note: The LED fault alarm of the light, please inform the lamp manufacturer at the time of purchase.

Fault detection function description

• When the light is not operate or When more than 25% of the LED beads are in failure, The lamp will have a fault alarm signal output.

Precautions

- Ensure that the power connection part is correct before using.
- Temperature rise when light working is normal phenomenon.
- The part of material of products is PC(like lamp cover and lamp shell), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isotropic alcohol, carbon tetra chloride, cyclohexanone and so on, otherwise, the product will be corrosion.
- Ensure the power connection part is correct before using and temperature rise when light working is normal phenomenon.
- It will delay judgment about 15s after photocell change detected and about 10s delay after alarm detected which as normal phenomenon.
- Please do not open any components inside by yourself.
- Please do not look light horizontally to protect your eyes while the light is working.
- •Please make sure that the ambient temperature conditions should match this product.

Otherwise, it will not work properly.

- The flash rate 40FPM by default. If you need to customize, please inform the lamp manufacturer before purchasing.
- This product is a sealed structure; Please do not be tampered with by anyone other than registered installer. Once found, we are not warranty

Shanghai Lansing Electronics Co., Ltd Tel: +86 021-39921107 Fax: +86 021--39921107 Web: www.lansinglight.com E-mail: sales@lansinglight.com Add: No. 609, Tahui Rd, Shihudang Town ,Songjiang district ,Shanghai , China ,201612

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Applications:

- Telecommunication Tower
- TV/Radio Tower
- Transmission Tower
- High-rise building
- Industrial Chimney & Cooling Tower
- Tower Crane
- Bridge
- Wind turbine
- · Airfield & helipad
- Storage tank & Water tower
- Oil & Gas offshore platform

	1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Tangwei, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tes	t Verification of Conformity
	Verification Number: BCTC2110511077C
Applicant	: Shanghai Lansing Electronics CO., Ltd
	No 609, Tahui Rd, Shihudang Town, Songjiang Dist Shanghai, China, 201612
Manufacturer	: Shanghai Lansing Electronics CO., Ltd
	No 609, Tahui Rd, Shihudang Town, Songjiang Dist Shanghai, China, 201612
Product	: Aviation Obstruction Light/Solar Powered Obstruction light/Solar marine light
Trademark	: N/A
Report Number	: BCTC2110511077S
Test Standard	: EN IEC 60598-2-1:2021
****	EN 60598-1:2015+A1:2018
and the second	

BCTC

Shenzhen BCTC Testing Co., Ltd.

On the basis of the referenced test report(s), sample(s) tested of the above product have been found to comply with the standards harmonized with Annex I of Council Directive 2014/35/EU at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it < them>.

Once compliance with all product relevant ϵ mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).





Tel: 400-788-9558 / 0755-32936262

www.chnbctc.com

This Verification is for the exclusive use of BCTC's client and is provided pursuant to agreement between BCTC and its client. BCTC's responsibility and liability are limited to the terms and conditions of the agreement. The observation and test results referenced in this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under a BCTC certification program.

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BCTC/TVC-01(28-December-2020)



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