



CENTRAL BATTERY SYSTEMS (CBS)

The CBS family consists of 12 models of central battery systems for emergency illumination.

They are produced in accordance with the current European norms EN50171 and EN50172. Depending on the model they contain 4–16 illumination circuits that can be individually programmed to operate as maintained or non-maintained.

In the maintained illumination circuits a 24VDC voltage is provided from a built-in DC power supply when there is power supply to the facility. In case of an interruption of the mains power supply, the illumination circuits are provided with 24VDC power from the interior of the panel is divided into 2 compartments, the electronics compartment and the battery compartment. A sensor monitors the battery temperature continuously

Better Energy efficiency compared to self contained luminaries.

Low maintenance cost. The batteries in a CBS system are located in the main panel compared to self contained luminaries that have their batteries built in. This saves a lot of time and money during maintenance, inspection or when batteries need to be changed.

More effective inspection. With CBS panels you have the ability to inspect the function of all luminaries from the main panel. If a luminary has a fault then there is an update in the main panel during a programmed test.

The cost of the CBS luminaries is comparable to self contained luminaries. With CBS systems you have a long-term cost due to all saving because of all the previous reasons regarding the self contained luminaries.



CONVENTIONAL BATTERY SYSTEM CBS 24V DC



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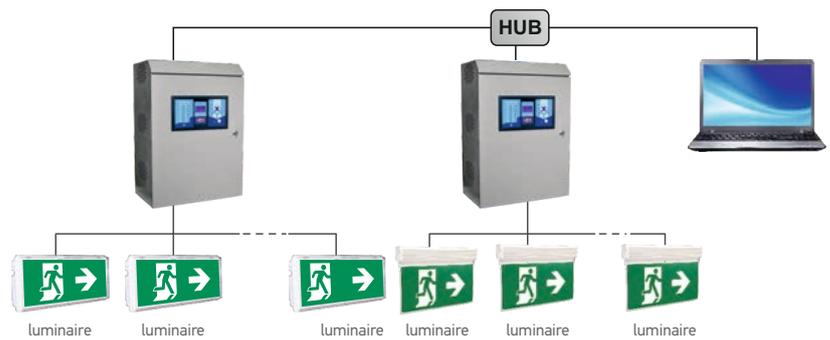
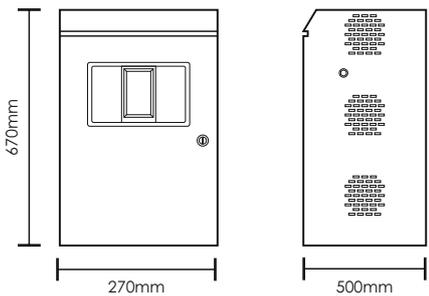
- Output: 24V DC in main & battery
- 300 - 600W panels
- 4 - 16 zones
- Capability for connecting several panels on an ethernet network
- The programming, control and testing of the system can be done using a web browser (Internet Explorer, Mozilla Firefox, Chrome)
- Independent program for each zone for maintained or non-maintained operation.



KM645103
BS EN 50171

*They have BSI certification

Dimensions



CENTRAL UNIT PANELS					kg
CODE	TYPE	IMAGE	DESCRIPTION		
923850000	GR-8500/300/4	1	300 Watt panel with 4 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200)		19400 gr.
923850001	GR-8500/300/8*	1	300 Watt panel with 8 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200)		19700 gr.
923850002	GR-8500/300/12	1	300 Watt panel with 12 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200)		20000 gr.
923850003	GR-8500/300/16	1	300 Watt panel with 16 lighting circuits. Requires 2 batteries 12V/33Ah (A-1200)		20300 gr.
600W / 24V DC PANELS					kg
CODE	TYPE	IMAGE	DESCRIPTION		
923850004	GR-8500/600/8	1	600 Watt panel with 8 lighting circuits. Requires 2 batteries 12V/55Ah (A-1202)		20900 gr.
923850005	GR-8500/600/16*	1	600 Watt panel with 16 lighting circuits. Requires 2 batteries 12V/55Ah (A-1202)		21500 gr.
ACCESSORIES ON DEMAND					kg
CODE	TYPE	IMAGE	DESCRIPTION		
923851000	GR-8510	3	4 zone lighting circuit extension card 24V / 300 Watt		293 gr.
923853000	GR-8530	4	Network card through ETHERNET		32 gr.
923821000	GR-8210/MONIT	5	Monitoring device for CBS systems		300 gr.
603101233	A-1200	-	Lead battery 12V/33Ah for 300W Panel		9200 gr.
603101255	A-1202	-	Lead battery 12V/55Ah for 600W Panel		15300 gr.
PERIPHERALS UPON DEMAND					kg
CODE	TYPE	IMAGE	DESCRIPTION		
808385002	GR-8500/PS	6	Spare power supply for maintained operation (GR-8500, GR-8600)		
808385003	GR-8500/PSC	7	Spare power supply for charging (GR-8500, GR-8600, GR-9500)		



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GR-8510



4

GR-8530



5

GR-8210/MONIT



6

GR-8500/PS



7

GR-8500/PSC

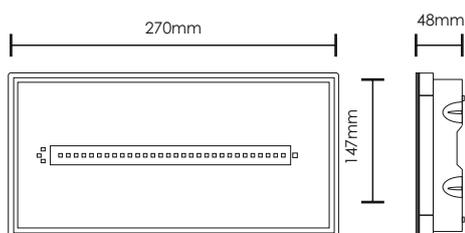
CBS 24V DC OLYMPUS LED



Mains 24V

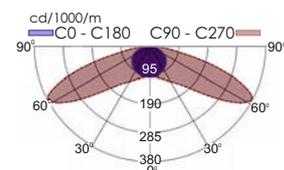
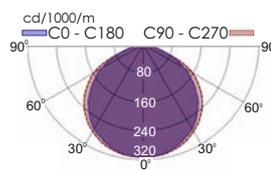
CODE	TYPE	IMAGE	Mains 24V	IP	W	lm	kg
923102408	OLY-1024/CBS/24VDC/WP	2	✓	IP65	2.8W	460lm	675 gr.
923100408	OLY-1004/CBS/24VDC/WP	1	✓	IP65	2.1W	290lm	680 gr.
923102409	OLY-1024/CBS/24VDC	2	✓	IP42	2.8W	460lm	675 gr.
923100409	OLY-1004/CBS/24VDC	1	✓	IP42	2.1W	290lm	680 gr.

Dimensions

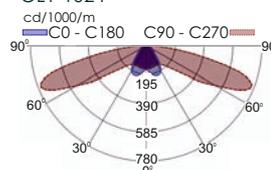


Photometric

OLY-1004



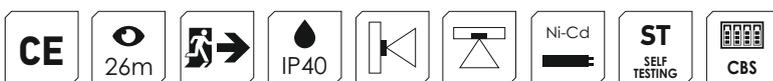
OLY-1024



CBS 24V DC EASY LIGHT

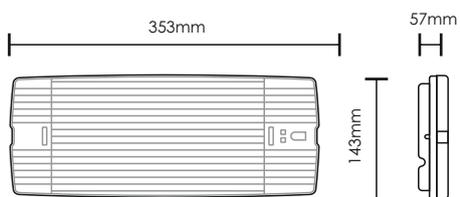


*They have BSI certification



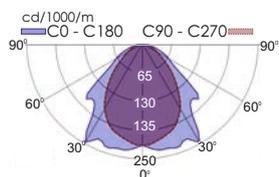
CODE	TYPE	Mains 24V	IP40	5.7W	Mains/Emergency	kg
923325008	GR-325/6P/24V DC/A	✓	IP40	5.7W	580 lm	684 gr.
923324018	GR-324/15L/24V DC/A*	✓	IP40	1W	125 lm	684 gr.
923324019	GR-324/30L/24V DC/A*	✓	IP40	2W	255 lm	684 gr.

Dimensions



Photometric

GR-325/6P/24V DC/A, GR-324/15L/24V DC/A, GR-324/30L/24V DC/A



CBS 24V DC EASY LIGHT

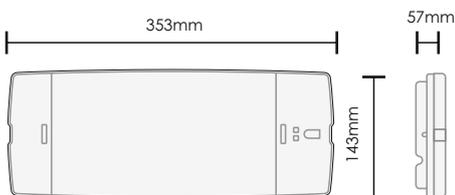


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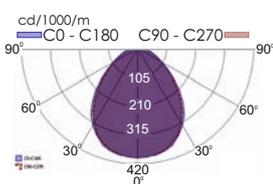
CODE	TYPE	Mains 24V	Waterproof	Power	Mains/Emergency	Weight
923132404	GR-1324/15L/24V DC	✓	IP40	1W	125 lm	687 gr.
923132405	GR-1324/30L/24V DC	✓	IP40	2W	250 lm	687 gr.

Dimensions



Photometric

GR-1324/15L/24V DC, GR-1324/30L/24V DC



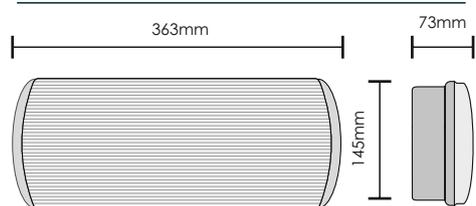
► For accessories & mounting methods go to pages 20-21. For spacing tables go to pages 163-165

CBS 24V DC WEATHER LIGHT

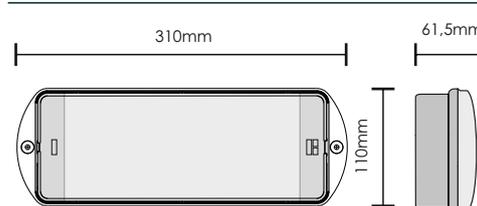


CODE	TYPE	IMAGE				
923926014	GR-926/15L/24V DC	1	IP65	1,2W	125 lm	835 gr.
923926015	GR-926/30L/24V DC	1	IP65	2,1W	250 lm	835 gr.
923192604	GR-1926/15L/24V DC*	2	IP65	1W	125 lm	620 gr.
923192605	GR-1926/30L/24V DC*	2	IP65	2W	255 lm	620 gr.

Dimensions

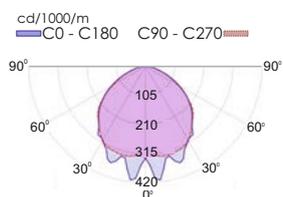


Dimensions



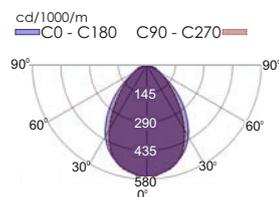
Photometric

GR-926/xx

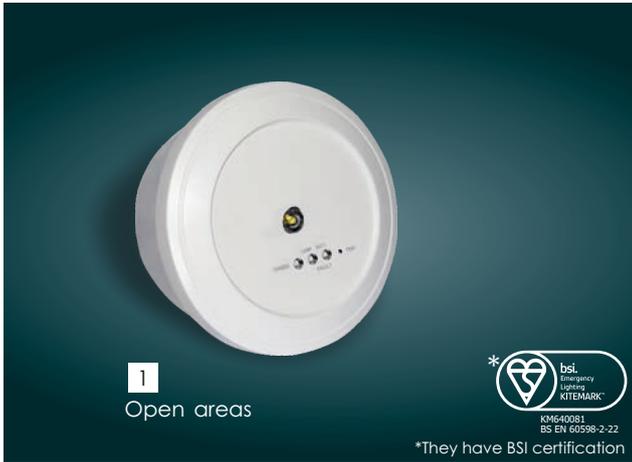


Photometric

GR-1926/xx



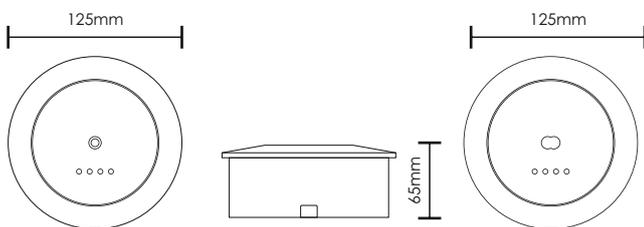
CBS 24V DC SPOT LIGHT



*They have BSI certification

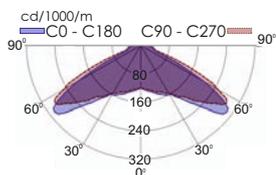
CODE	TYPE	IMAGE				
923280003	GR-280/24V DC*	2	IP40	2,9W	270 lm	316 gr.
923281003	GR-281/24V DC*	1	IP40	2,9W	270 lm	316 gr.

Dimensions



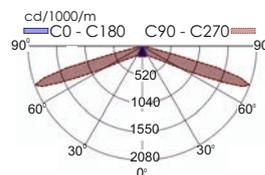
Photometric

GR-281



Photometric

GR-280



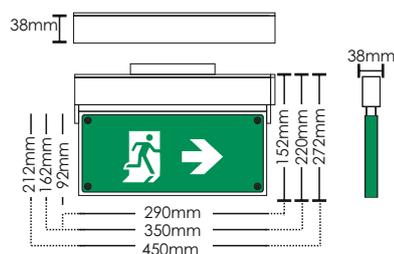
CBS 24V DC ECO LIGHT



CODE	TYPE				
922502867	ZLD-28/CBS/24V DC/EM*	IP40	1,4W	150 lm	880 gr.
922503471	ZLD-34/CBS/24V DC/EM*	IP40	1,6W	175 lm	1251 gr.
922504462	ZLD-44/CBS/24V DC/EM	IP40	1,85W	200 lm	1786 gr.

Dimensions

ZLD-xx



CBS 24V DC LOUNGE LIGHT



CODE	TYPE	IP	Power	Light Output	Weight
922028021	SLD-28/CBS/SP/24V DC	IP30	1,2W	120 lm	770 gr.
922034020	SLD-34/CBS/SP/24V DC	IP30	1,5W	150 lm	1238 gr.
922044013	SLD-44/CBS/SP/24V DC	IP30	1,5W	150 lm	1808 gr.
922028022	SLD-28/CBS/DZ/24V DC	IP30	1,2W	120 lm	770 gr.
922034021	SLD-34/CBS/DZ/24V DC	IP30	1,5W	150 lm	1238 gr.
922044014	SLD-44/CBS/DZ/24V DC	IP30	1,5W	150 lm	1808 gr.

Dimensions

