

Star²²[®]



IP42

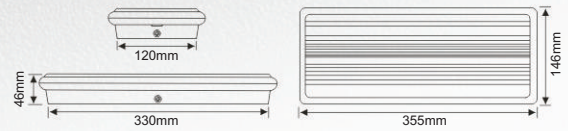
3 YEAR
GUARANTEE

- Low profile
- Unique elegant design
- Easy to install
- Certificated by ENEC Kema Keur
- Protection rate IP42
- High temperature batteries Ni-Cd
- Autotest version
- Magnet test facility (optional)
- Wide range of different models

The Star22 family of emergency luminaries has been developed to include a wide range of products depending on the emergency duration, the functionalism and the type of lamps. This impressive variety, offers a useful flexibility to the installer, who now has several different choices that fulfil any requirements for effective emergency lighting, from simple residential applications to specific industrial ones.

A full range of accessories, including several legend stickers, recessed base for wall or flush mounting and plexiglass signs for deploying the luminary as an exit sign, are available in order to fulfill every modern need.

All luminaries have a 3 years warranty to ensure product's reliability.



MG

Order code					
EL20	FL8W G5	70 Lm	90'	2,4V-1,5Ah NiCd	Non maintained
EL20-210	FL8W G5	225 Lm	60'	6V-1,5Ah NiCd	Non maintained
EL20-3H	FL8W G5	100 Lm	180'	6V-1,5Ah NiCd	Non maintained
EL20A	PL11W 2G7	130 Lm	60'	3,6V-1,5Ah NiCd	Non maintained
EL20A-3H	PL11W 2G7	100 Lm	180'	6V-1,5Ah NiCd	Non maintained
EL20B	PL18W 2G11	210 Lm	90'	6V-1,5Ah NiCd	Non maintained
EL20C	FL 2X8W G5	240 Lm	90'	6V-1,5Ah NiCd	Non maintained
EL20M	FL8W G5	70 Lm	90'	2,4V-1,5Ah NiCd	Maintained
EL20M-210	PL11W 2G7	225 Lm	60'	6V-1,5Ah NiCd	Maintained
EL20M-3H	PL18W 2G11	100 Lm	180'	6V-1,5Ah NiCd	Maintained
EL20AM	FL8W G5	130 Lm	60'	3,6V-1,5Ah NiCd	Maintained
EL20AM-3H	PL11W 2G7	100 Lm	180'	6V-1,5Ah NiCd	Maintained
EL20BM	PL18W 2G11	210 Lm	90'	6V-1,5Ah NiCd	Maintained

Autotest function

LED Indications (1 LED luminaires)

	Stand by
	Stand by, First test to be executed or delayed duration test
	Fault: Lamp Failure
	Fault: Battery capacity too low or charge current incorrect
	On
	Blinking Alternately
	Blinking

Κωδικός					
EL20SU	PL11W 2G7	75 Lm	90'	2,4V-1,5Ah NiCd	Sustained
EL20SU-3H	PL18W 2G11	75 Lm	180'	6V-1,5Ah NiCd	Sustained
EL20 MAINS	FL8W G5	-	-	-	Mains
EL20A MAINS	PL11W 2G7	-	-	-	Mains
EL20B MAINS	PL18W 2G11	-	-	-	Mains
EL28-AUT	FL8W G5	230 Lm	60'	6V-1,5Ah NiCd	Non maintained
EL28A-AUT	PL11W 2G7	230 Lm	60'	6V-1,5Ah NiCd	Non maintained
EL28B-AUT	PL18W 2G11	230 Lm	60'	6V-1,5Ah NiCd	Non maintained
EL28M-AUT	FL8W G5	230 Lm	60'	6V-1,5Ah NiCd	Maintained

Applications

Residential applications
Offices
Hotels
Restaurants
Warehouses



Accessories



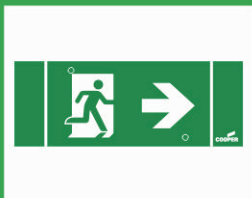
EL20PS



DS20



EL20RW / EL20RB



02-428

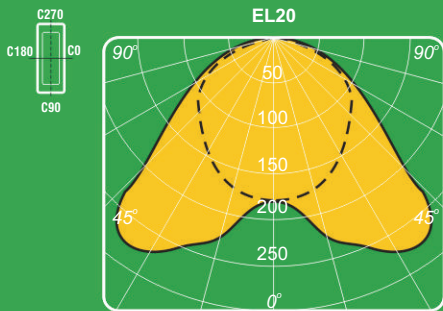
Order code	Description
EL20RW	Wall mounting base
EL20RB	Flush mounting base
DS20	Double side diffuser
EL20PS	Diffuser & legend (blank)
EL20PSD	Diffuser & legend (down)
EL20PSLR	Diffuser & legend (left/right)
MG	Magnet for luminary test
02-428	Legend sticker (left/right/down)

Specification

Self - contained emergency luminary, with maintained, non - maintained or sustained operation and an emergency duration of 60', 90' or 180' minutes. Certificated by ENEC Kema Keur that meets all the European Standards. Several lamp options such as 8W, 11W, 2x8W and 18W fluorescence lamp. Protection rate IP42. Optional test facility utilizing a magnet. Body material made of ABS plastic and diffuser of Polycarbonate (glue wire tested 850 °C). Battery type is Ni-Cd, rechargeable of high temperature. A built-in led will indicate in real time the normal charging operation.

Suggested type for non - maintained luminary, 8W fluorescence lamp and 90' minutes emergency duration: **Cooper Star22: EL20**

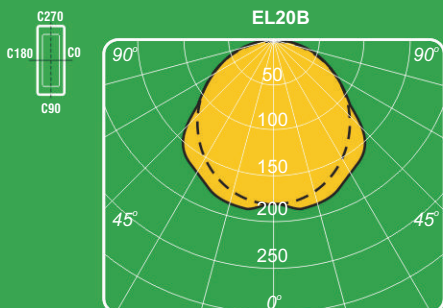
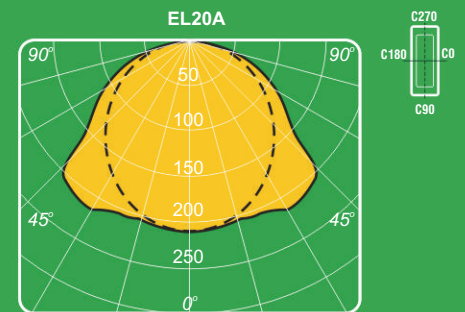
Polar Diagram



Photometric Data

h	Distance for 1 Lux				Distance for 0,5 Lux			
	↔	↔	↔	↔	↔	↔	↔	↔
02.60	02.69	06.68	02.05	05.98	03.84	08.45	03.49	07.92
02.80	02.80	06.92	02.00	06.01	03.96	08.66	03.50	08.09
03.00	02.90	07.05	01.95	06.00	04.02	08.90	03.50	08.26
03.20	02.98	07.13	01.85	05.97	04.07	09.14	03.48	08.34
03.50	03.04	07.51	01.69	05.87	04.25	09.29	03.44	08.43
04.00	02.95	08.00	01.24	05.60	04.50	09.81	03.30	08.55

h	Distance for 1 Lux				Distance for 0,5 Lux			
	↔	↔	↔	↔	↔	↔	↔	↔
2.60	03.29	08.39	02.96	07.71	04.69	10.38	04.35	09.54
02.80	03.34	08.62	03.00	07.82	04.81	10.71	04.41	09.82
03.00	03.40	08.83	03.02	07.96	04.91	11.05	04.48	10.11
03.20	03.44	08.97	03.07	08.16	04.99	11.31	04.58	10.32
03.50	03.62	09.19	03.05	08.28	05.09	11.65	04.64	10.74
04.00	03.76	09.50	03.03	08.55	05.25	12.32	04.77	11.09



h	Distance for 1 Lux				Distance for 0,5 Lux			
	↔	↔	↔	↔	↔	↔	↔	↔
02.60	03.75	09.42	03.73	09.30	05.21	11.68	05.15	11.15
02.80	03.85	09.70	03.85	09.62	05.35	12.01	05.31	11.48
03.00	03.92	09.99	03.94	09.87	05.49	12.30	05.43	11.93
03.20	03.97	10.24	03.98	10.12	05.62	12.62	05.56	12.40
03.50	04.04	10.46	04.05	10.38	05.73	13.17	05.69	12.79
04.00	04.24	10.93	04.14	10.93	05.97	13.86	05.97	13.58