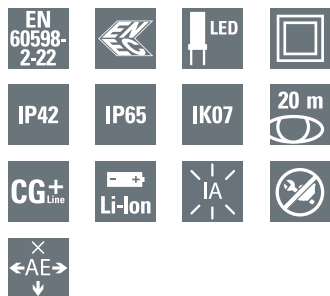


Escape sign self-contained luminaires

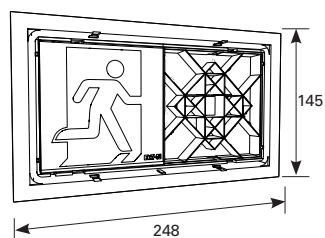
Matrix CGLine+



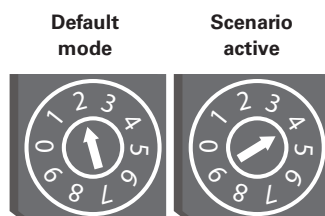
Matrix CGLine+



Dimensional drawings (mm)



Rotary switches on the luminaire



Matrix 20m CGLine+

- Escape sign luminaire with Matrix technology for changeable signage
- Can be used for standard exit route signage as an universal exit sign.
- Without need for changing any pictogram foils or plates and with a selectable operating time (1 or 3h, operation) it is an all-in-one solution in line with the European emergency lighting standards or for increased visibility by animated signage
- Especially for adaptive evacuation (AE) which means the luminaire can change its signage dependent on an event. With this the luminaire can redirect people to an safe exit route or block an unsafe route
- For connection to CGLine+ systems and adaptive evacuation AE CGLine+.
- The signage can be changed via a switching contact at the luminaire connected to e.g. a smoke detector or panic switch or it can be programmed and controlled via AE CGLine+ system
- Reliable LED solution with high service lifetime and a very good perceptibility on account of high luminance of the white contrasting colour > 1000 cd/m²
- Environmentally-friendly due to modern lithium ion technology
- Robust design made from impact resistance polycarbonate with an IK grade of 07
- Available with IP42 and IP65 ingress protection (IP65 variant including two cable glands)
- Several cable entries on top and back for through-wiring of power and bus cable
- In addition to the automatic tests, manual tests can be started with a magnet
- Simple fault analysis and status display via bicolor LED
- Blocking function prevents unintended discharge during idle operating times (only with CGLine+ Web-controller)

Luminous flux Φ_E/Φ_N at end of rated operating time	100% - 1 h 40% - 3 h
Testing system	Automatic test in compliance with EN 62034 Connection possible to the CGLine+ monitoring system
Type of mounting	Wall surface-mounting
Housing material	Polycarbonate
Housing colour	White
Weight	IP42 version : 0,6 kg IP65 version : 0,7 kg
Degree of protection	IP42, IP65
Terminals	Screwless terminals (L, L', N, PE, CGLine+ bus) for flexible and rigid wires From 0.5 to 2.5 mm ²
Connection voltage	230V ~ 50/60Hz
Permissible ambient temperature	+5°C to +35°C
Battery	3.6 V / 3.3 Ah Li-Ion
Light source	LED array

Ordering details

Order N°	Product	Viewing Distance	Duration	Consumption
40071777002	Matrix 1-3h CGLine+ IP42	20m	1/3h	6.6 W / 13.8 VA
40071777003	Matrix 1-3h CGLine+ IP65	20m	1/3h	6.6 W / 13.8 VA

Display possibilities with rotary switches :

Options "Default mode"

0	1	2	3	4	5
	←	→	↓	↑	✗

Options "Scenario active"

Arrows animated (IA functionality)*									
0	1	2	3	4	5	6	7	8	9
	←	→	↓	↑	✗	←	→	↓	↑

*In combination with AE CGLine+ Web-Controller the Matrix can also show blinking arrows