

Your Assurance

LED Emergency Luminaire with
self-contained battery for Ex-Zone 1 and 21



Ex-Emergency Light Fitting

LED Emergency Luminaire with self-contained battery for hazardous areas Zone 1 and 21

Emergency light fittings with self-contained battery system provide the required emergency lighting from a decentralized source, independent of central battery systems. So these luminaires are the economical solution when used in extensive plants.



The efficient lighting for your safety

Be on the safe side

The new Planete 400 AD DL light fitting is in accordance to the ATEX Directive 94/9/EC for the temperature class up to T6 acc. the latest standards IEC/EN 60079. This is therefore certified for use in the Zones 1, 2, 21 and 22 areas. Additionally this luminaire fulfills the standard EN 60598, part 2.22 for Emergency Lighting accordingly.

Energy saving lighting engineering

The new Planete 400 AD DL completes our range with a self-contained battery luminaire in latest LED technique. An inside micro processes controls

an automatically function and duration test inclusive a status indication via green and yellow LEDs. The Planete 400 AD DL is equipped with 32 LEDs for an emergency duration of >1 h. The housing is made of a copper-free aluminium and has a borosilicate glass tube.

Your application

This light fitting is used for illuminating emergency exit routes, as well as emergency light fitting for identification of exits.

Features

- Long-life and maintenance-free LED light sources
- With automatically function and duration test
- Housing made of copper-free aluminium with a borosilicate glass tube
- High degree of protection IP 67

Planete 400 AD DL

For the reliable illumination of escape and rescue routes in hazardous areas



Planete 400 AD DL

with escape sign. Showing the right way in hazardous areas



Accessory

Reflector RAB 108 and guard for use with the Planete 400 AD DL

Ordering details

Planete 400 AD DL

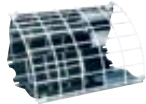






Planete 400 AD DL

Type	Rated voltage	Thread	Cable gland Ex-d	Blanking plug Ex-d	Ordering Code
Planete 400 AD DL	220 - 240 V AC	2 x 3/4"	–	1 x 3/4"	NOR 000 005 160 055
	220 - 240 V AC	2 x M25	–	1 x M25	NOR 000 005 160 056

Scope of delivery: inclusive light source and battery, without fixing accessories

Accessories



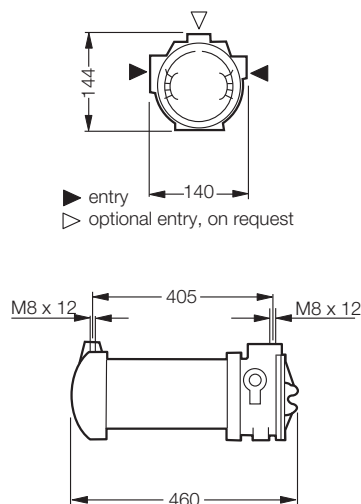
Type	OU	Ordering Code
Ceiling bracket D 92 with screws and polyamide washer (CrNi, 2 pcs.)	1	2 2480 092 000
Ceiling bracket A5 hot galvanized (1 pc.)	1	NOR 000 005 009 162
Wall bracket 45° hot galvanized (1 pc.)	1	NOR 000 005 009 196
Reflector RAB 108 (AISI 304)	1	NOR 003 045 060 471
Reflector RAB 108 (AISI 304) + guard (steel white epoxy coating)	1	NOR 003 045 060 819
Reflector RAB 108 (AISI 316)	1	NOR 003 165 060 471
Reflector RAB 108 (AISI 316) + guard (steel white epoxy coating)	1	NOR 003 165 060 819
Legend 	1	400 71 354 381
Legend 	1	400 71 354 380
Legend 	1	400 71 349 383
Legend 	1	400 71 354 382



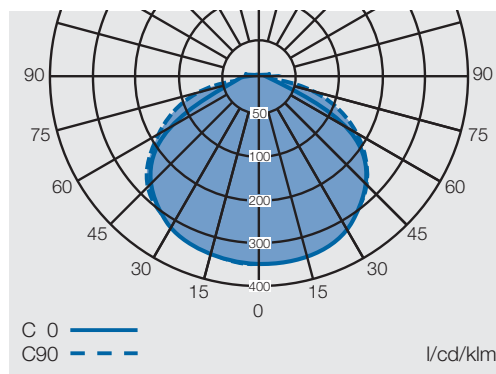
Planete 400 AD DL

Marking to 94/9/EC	D II 2 G Ex d IIC T6 Gb D II 2 D Ex tb III C T85 °C Db
EC-Type Examination Certificate	LOM 03 ATEX 2036 X
Permissible ambient temperature	-20 °C up to +55 °C / specified data -5 °C up to +40 °C
Rated voltage	220 V - 240 V AC
Frequency	50 - 60 Hz
Rated power consumption	approx. 1.1 VA, power factor > 0.95
Connecting terminals	L1, N and PE: 2 x 2,5 mm ² / PE ext.: 2 x 6 mm ²
Insulation class	I
Light source	32 LEDs, 5.5 W
Luminous flux in emergency operation Φ_E/Φ_N	330 lm / 360 lm
Viewing distance with legend	up to approx. 12 m
Battery	nickel-cadmium 5 x 1.2 V / 1.7 Ah
Rated operating in emergency	> 1 h
Charging duration	> 14 h
Function indication for charging, battery and LEDs	by green and yellow indication LEDs
Degree of protection accd. EN 60529	IP67
Enclosure material	copper-free aluminium
Enclosure coating	powder coating, RAL 7032, cover RAL 7016
Protective cover/protective bowl	borosilicat-glass
Cable entries	2 x 3/4" NPT or 2 x M25 x 1.5 threads, 1 plugged
Dimensions (L x W x H)	460 x 144 x 140 mm
Weight	approx. 5.0 kg

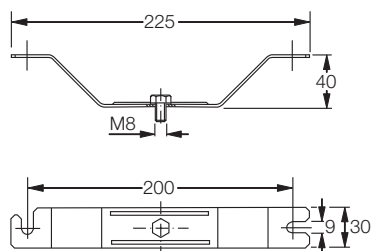
Dimension drawing Planete 400 AD DL



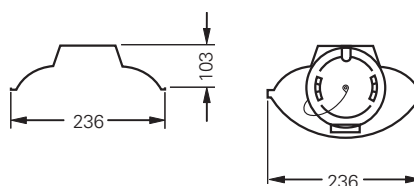
Polar curve Planete 400 AD DL



Dimension drawing Ceiling bracket D92



Dimension drawing Reflector/wire guard



Eaton's Crouse-Hinds division offers a range of cable fittings, enclosures, plugs and receptacles, industrial lighting fixtures, signals and alarms, and electronic components designed for the most demanding environments. The Crouse-Hinds business serves customers in the industrial and manufacturing, mining, oil and gas, solar, infrastructure and other markets.

Eaton's electrical business is a global leader with expertise in power distribution and circuit protection; backup power protection; control and automation; lighting and security; structural solutions and wiring devices; solutions for harsh and hazardous environments; and engineering services. Eaton is positioned through its global solutions to answer today's most critical electrical power management challenges.

Eaton is a diversified power management company providing energy-efficient solutions that help our customers effectively manage electrical, hydraulic and mechanical power. A global technology leader, Eaton acquired Cooper Industries plc in 2012. The 2012 revenue of the combined companies was \$21.8 billion on a pro forma basis. Eaton has approximately 102,000 employees and sells products to customers in more than 175 countries. For more information, visit www.eaton.eu.

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