



Eaton RT2R2EC4ICGL3H

Eaton Roundtech Medium Recessed Exit
20M Ceiling CGL+ 4I M 3H IP43

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PRODUCT NAME	Eaton RoundTech MR EC SC Emergency luminaire
CATALOG NUMBER	RT2R2EC4ICGL3H
PRODUCT LENGTH/DEPTH	233 mm
PRODUCT HEIGHT	110 mm
PRODUCT WIDTH	187 mm
PRODUCT WEIGHT	0.512 kg
CERTIFICATIONS	CE



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BATTERY VOLTAGE	3.2 V
BATTERY NUMBER OF CELLS	1
BATTERY QUALITY	Lithium-ion
GLOW WIRE TEST	850 °C
PERMISSIBLE AMBIENT TEMPERATURE - MIN	5 °C
PERMISSIBLE AMBIENT TEMPERATURE - MAX	45 °C
PROTECTION CLASS	II
OUTDOOR USE COMPLIANCE	False
EXPLOSION PROTECTED	False
DIAMETER	110 mm
DEGREE OF PROTECTION	IP43
MODE	Maintained (M)
LAMP TYPE	LED not exchangeable
WITH LIGHT SOURCE	Yes
LAMP HOLDER	None
TYPE OF INDICATOR	Single/double-sided
MONITORING EQUIPMENT	Safety module for monitoring (central feeded system)
POWER SUPPLY SYSTEM	Peripheral (individual battery)
VOLTAGE TYPE	AC
APPARENT POWER AT MAINS OPERATION	3.2 VA
POWER FACTOR	0.6
WIRING SYSTEM	Continuous circuit/emergency circuit
WITH REMOTE SWITCH CONNECTION	Yes
RESERVE-POLARITY PROTECTED	False
ENERGY EFFICIENCY CLASS	A
CONDUCTOR CROSS SECTION	2.5
CONNECTION TYPE	Plug-in connection
MAX. SYSTEM POWER	2 W
RATED LIFE TIME L70/B10 AT 25 °C	54000 hour
RATED LIFE TIME L80/B10 AT 25 °C	54000 hour

RATED LIFE TIME L90/B10 AT 25 °C	54000 hour
TYPE OF CONTROL GEAR	LED operating device current-controlled
TYPE OF WIRING	Suitable for through wiring
NOMINAL VOLTAGE AC - MAX	230 V
NOMINAL VOLTAGE AC - MIN	230 V
RATED AMBIENT TEMP ACC. IEC62722-2-1 - MIN	5 °C
RATED AMBIENT TEMP ACC. IEC62722-2-1 - MAX	45 °C
NOMINAL OPERATION TIME - MIN	3 hour
NOMINAL OPERATION TIME - MAX	3 hour
SUITABLE FOR STANDBY SWITCHING	No
SUITABLE FOR CONTINUOUS CIRCUIT	No
RAL-NUMBER (SIMILAR) HOUSING	9003
MOUNTING METHOD	Surface mounting/recessed mounting
MATERIAL HOUSING	Plastic
COLOR HOUSING	White
MATERIAL COVER	Plastic, transparent
LIMITED SURFACE TEMPERATURE	False
LABELLING TYPE	Insert sheet/plate
PICTOGRAM INCLUDED	Yes
BUILT-IN LENGTH	200 mm
BUILT-IN WIDTH	110 mm
BUILT-IN HEIGHT/DEPTH	200 mm
BUILT-IN DIAMETER	64 mm
NUMBER OF POLES (NUMERIC)	2
OUTER DIAMETER	110 mm
IMPACT STRENGTH	IK04
KIND OF LUMINAIRE	Exit sign luminaire
RATED LUMINOUS FLUX ACC. IEC 62722-2-1	40 lm
COLOR TEMPERATURE - MAX	6500 K
COLOR TEMPERATURE - MIN	6500 K

LIGHT DISTRIBUTOR	Diffuser lens/optic/panel
ENERGY EFFICIENCY CLASS OF THE BUILT-IN LAMP	A++, A+, A (LED)
FUNCTION	Escape route signage
COLOR OF LIGHT	White
COLOR RENDERING INDEX (CRI)	80
LUMINAIRE WITH LIMITED SURFACE TEMPERATURE, SIGN D	No
LUMINOUS FLUX IN STANDBY MODE	100 lm
NUMBER OF LIGHTING HEADS	1
SUITABLE FOR NUMBER OF LAMPS	1
VIEWING DISTANCE	20 m
DATA CONNECTION TERMINAL	0,5-2,5 mm ²
FREQUENCY	50/60 Hz
MAIN CONNECTION TERMINAL	0,5-2,5 mm ²
NUMBER OF LEDS	16
SHAPE	Other
TOTAL LENGTH	227 mm
APPLICATION	Acc. EN 1838
TESTING SYSTEM	CGLine +
WITH REMOTE CONTROL	No
CONSTANT LIGHT OUTPUT (CLO)	No
EXCHANGEABLE CONTROL GEAR	No
EMERGENCY FUNCTION MONITORING SYSTEM	Automatic self test
EMERGENCY POWER SUPPLY SYSTEM	Peripheral (individual battery)
POWER CONSUMPTION IN EMERGENCY MODE	2 W
TYPE OF LITHIUM-ION BATTERY	Lithium iron phosphate (LiFePO ₄)
WITH HEATING ELEMENT FOR BATTERY	No
CONNECTABLE CONDUCTOR CROSS SECTION - MIN	0.5 mm ²
CONNECTABLE CONDUCTOR CROSS	2.5 mm ²

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