ESC 80 EMERGENCY EXIT LIGHT TWT8041WKT

24 V
50/60 Hz
AC, DC

LED

IP
44

20 m

26 m

30 m

RAL
9005

650 °C

-o-

EN
1838

EN
60598-2-22

III

Addressable 24 V centrally supplied LED Emergency Exit Light

ESC 80 is an emergency exit light equipped with a light plate, combining cutting edge technology combined with modern luminaire design. Thanks to Teknoware's innovative electronics and product design, the ESC 80 luminaire combines uniformly illuminated pictograms, low power consumption, as well as a slender appearance.

There is a selection of three different luminaire sizes. ESC 80 luminaires can be used as 1 or 2 sided, as well as recess or surface mounted.

ESC 80 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

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Date: May 04, 2024 | Source: teknoware.com/en/our-solutions/emergency-lighting-buildings/esc-80-emergency-exit-light-twt8041wkt

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Product Code	TWT8041WKT
Feature	Tapsa Control
Mounting (standard)	wall, ceiling
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	06438045028507
ETIM Product Class	EC001957
Length	268 mm
Width	40 mm
Height	185 mm
Weight	0,69 kg
Max Input Power VA	2,3 VA
Max Input Power W	2,3 W
Nominal Supply Voltage	24 V, 50/60 Hz AC, DC
Protection Class	III
IP Class	IP44
Temperature Range Min - Max	-30...+50 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	20/26/30 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	45 x 275 mm
Colour	RAL9005
Electrical Installation	2/3 x 2,5 mm²

Downlight chart for Exit Lights

Tables of 1 lux and 0,5 lux, under the Exit Light.
Level of measurement 0,02 m, measurement result with battery operation.

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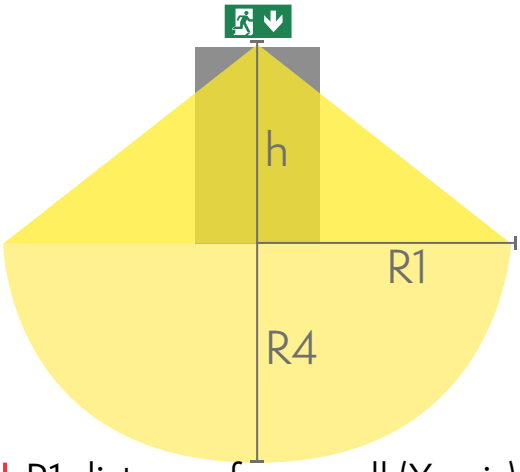

R1 distance from wall (X axis)
R4 distance from wall (Y axis)

TWT8041WKT

Mounting height (m)	Below the light lux	R1 (m)	R4 (m)	R1 (m)	R4 (m)
		1 lux	1 lux	0,5 lux	0,5 lux
2	1,1	0,5	1	1,5	2
2,5	0,7			1,5	2

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT LIGHTS

Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV80202E		20	ESC 80 Emergency Exit Lights
PBV80202E3		20	ESC 80 Emergency Exit Lights
PBV80201E		20	ESC 80 Emergency Exit Lights
PBV80201E1		20	ESC 80 Emergency Exit Lights
PBV80201E2		20	ESC 80 Emergency Exit Lights
PBV80262E		26	ESC 80 Emergency Exit Lights
PBV80262E3		26	ESC 80 Emergency Exit Lights
PBV80261E		26	ESC 80 Emergency Exit Lights
PBV80261E1		26	ESC 80 Emergency Exit Lights

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Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV80261E2		26	ESC 80 Emergency Exit Lights
PBV80302E		30	ESC 80 Emergency Exit Lights
PBV80302E3		30	ESC 80 Emergency Exit Lights
PBV80301E		30	ESC 80 Emergency Exit Lights
PBV80301E1		30	ESC 80 Emergency Exit Lights
PBV80301E2		30	ESC 80 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TW77507B	Shock protecting cover TW77507B	ESC 10 Emergency Exit Lights, ESC 80 Emergency Exit Lights

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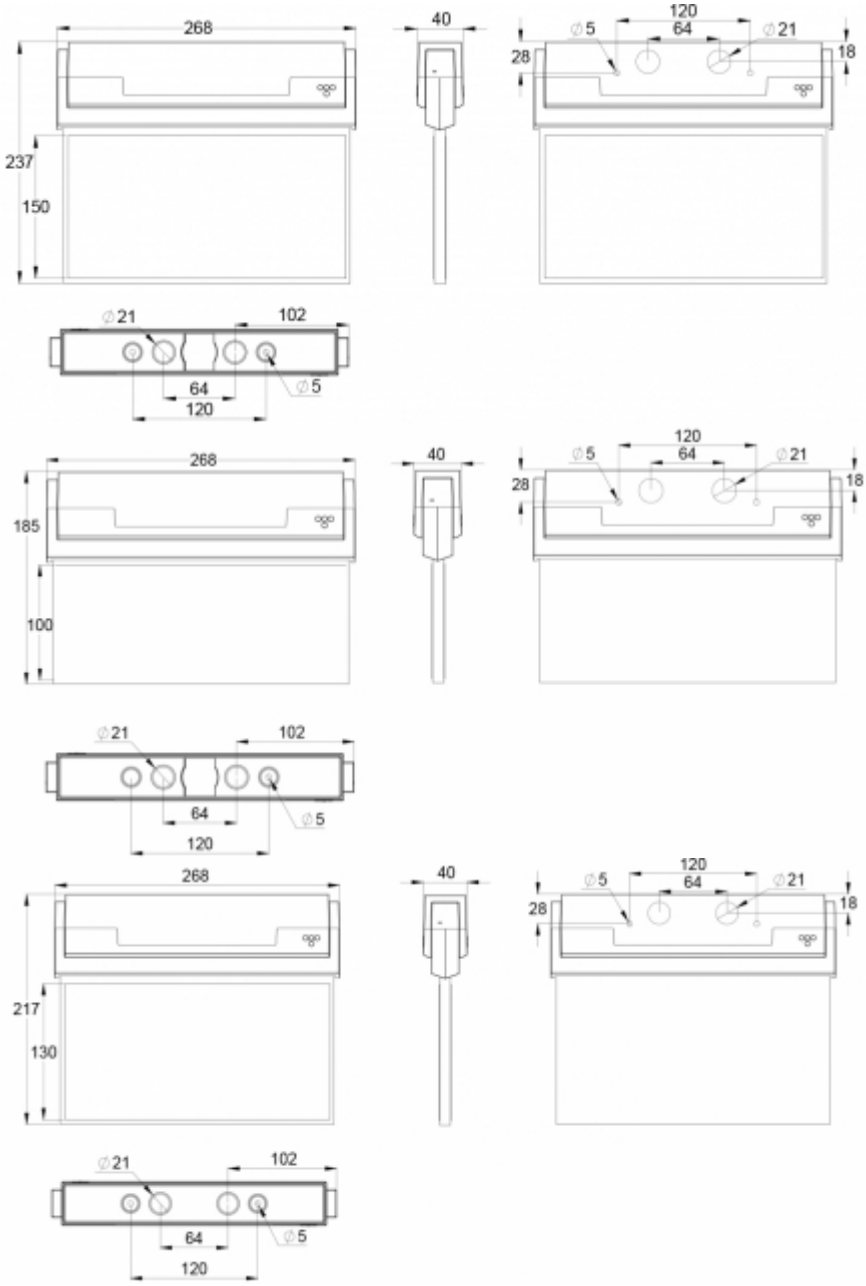

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