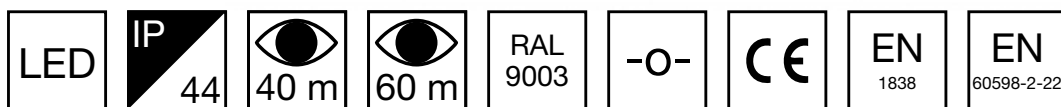


ESC 81 EMERGENCY EXIT LIGHTS



ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

SELF-CONTAINED ESCAP EMERGENCY EXIT LIGHTS WITH SUPER CAPACITOR AND SELF-TESTING

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
TWS8192WR	220-240 V, 50/60 Hz AC		2-sided, 40/60 m	1
TWS8192WM	220-240 V, 50/60 Hz AC		2-sided, 40/60 m	1
Y8192WM153	220-240 V, 50/60 Hz AC		2-sided, 40 m	1
Y8192WM158	220-240 V, 50/60 Hz AC		1-sided, 40 m	1

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/emergency-exit-lights/emergency-exit-light-product-families/esc-81-emergency-exit-lights



Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
Y8192WM157	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WM155	220-240 V, 50/60 Hz AC		2-sided, 40 m	1
Y8192WM159	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WM151	220-240 V, 50/60 Hz AC		2-sided, 40 m	1
Y8192WM152	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WM163	220-240 V, 50/60 Hz AC		2-sided, 60 m	1
Y8192WM168	220-240 V, 50/60 Hz AC		1-sided, 60 m	1
Y8192WM167	220-240 V, 50/60 Hz AC		1-sided, 60 m	1
Y8192WM165	220-240 V, 50/60 Hz AC		2-sided, 60 m	1
Y8192WM169	220-240 V, 50/60 Hz AC		1-sided, 60 m	1
Y8192WM161	220-240 V, 50/60 Hz AC		2-sided, 60 m	1
Y8192WM162	220-240 V, 50/60 Hz AC		1-sided, 60 m	1

SELF-CONTAINED ESCAP EMERGENCY EXIT LIGHTS WITH SUPER CAPACITOR AND WIRELESS CENTRAL MONITORING

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
TWS8192WA	220-240 V, 50/60 Hz AC		2-sided, 40/60 m	1
Y8192WA153	220-240 V, 50/60 Hz AC		2-sided, 40 m	1
Y8192WA158	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WA157	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WA155	220-240 V, 50/60 Hz AC		2-sided, 40 m	1
Y8192WA159	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WA151	220-240 V, 50/60 Hz AC		2-sided, 40 m	1
Y8192WA152	220-240 V, 50/60 Hz AC		1-sided, 40 m	1
Y8192WA163	220-240 V, 50/60 Hz AC		2-sided, 60 m	1
Y8192WA168	220-240 V, 50/60 Hz AC		1-sided, 60 m	1
Y8192WA167	220-240 V, 50/60 Hz AC		1-sided, 60 m	1
Y8192WA165	220-240 V, 50/60 Hz AC		2-sided, 60 m	1
Y8192WA169	220-240 V, 50/60 Hz AC		1-sided, 60 m	1
Y8192WA161	220-240 V, 50/60 Hz AC		2-sided, 60 m	1

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/emergency-exit-lights/emergency-exit-light-product-families/esc-81-emergency-exit-lights



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
Y8192WA162	220-240 V, 50/60 Hz AC		1-sided, 60 m	1

SELF-CONTAINED EMERGENCY EXIT LIGHTS WITH BATTERY AND SELF-TESTING

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
TWT8153WM	220-240 V, 50/60 Hz AC		2-sided, 40/60 m	3
Y8153WM153	220-240 V, 50/60 Hz AC		2-sided, 40 m	3
Y8153WM158	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WM157	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WM155	220-240 V, 50/60 Hz AC		2-sided, 40 m	3
Y8153WM159	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WM151	220-240 V, 50/60 Hz AC		2-sided, 40 m	3
Y8153WM152	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WM163	220-240 V, 50/60 Hz AC		2-sided, 60 m	3
Y8153WM168	220-240 V, 50/60 Hz AC		1-sided, 60 m	3
Y8153WM167	220-240 V, 50/60 Hz AC		1-sided, 60 m	3
Y8153WM165	220-240 V, 50/60 Hz AC		2-sided, 60 m	3
Y8153WM169	220-240 V, 50/60 Hz AC		1-sided, 60 m	3
Y8153WM161	220-240 V, 50/60 Hz AC		2-sided, 60 m	3
Y8153WM162	220-240 V, 50/60 Hz AC		1-sided, 60 m	3

SELF-CONTAINED EMERGENCY EXIT LIGHTS WITH BATTERY AND WIRELESS CENTRAL MONITORING

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
TWT8153WA	220-240 V, 50/60 Hz AC		2-sided, 40/60 m	3
Y8153WA153	220-240 V, 50/60 Hz AC		2-sided, 40 m	3
Y8153WA158	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WA157	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WA155	220-240 V, 50/60 Hz AC		2-sided, 40 m	3
Y8153WA159	220-240 V, 50/60 Hz AC		1-sided, 40 m	3

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/emergency-exit-lights/emergency-exit-light-product-families/esc-81-emergency-exit-lights



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info	Backup (h)
Y8153WA151	220-240 V, 50/60 Hz AC		2-sided, 40 m	3
Y8153WA152	220-240 V, 50/60 Hz AC		1-sided, 40 m	3
Y8153WA163	220-240 V, 50/60 Hz AC		2-sided, 60 m	3
Y8153WA168	220-240 V, 50/60 Hz AC		1-sided, 60 m	3
Y8153WA167	220-240 V, 50/60 Hz AC		1-sided, 60 m	3
Y8153WA165	220-240 V, 50/60 Hz AC		2-sided, 60 m	3
Y8153WA169	220-240 V, 50/60 Hz AC		1-sided, 60 m	3
Y8153WA161	220-240 V, 50/60 Hz AC		2-sided, 60 m	3
Y8153WA162	220-240 V, 50/60 Hz AC		1-sided, 60 m	3

ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY EXIT LIGHTS

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info
TWT8151WK	220-240 V, 50/60 Hz AC, DC		2-sided, 40/60 m
Y8151WK153	220-240 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8151WK158	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151WK157	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151WK155	220-240 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8151WK159	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151WK151	220-240 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8151WK152	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151WK163	220-240 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8151WK168	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8151WK167	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8151WK165	220-240 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8151WK169	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8151WK161	220-240 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8151WK162	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m

NON-ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY EXIT LIGHTS

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/emergency-exit-lights/emergency-exit-light-product-families/esc-81-emergency-exit-lights



Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info
TWT8151W	220-240 V, 50/60 Hz AC, DC		2-sided, 40/60 m
Y8151W153	220-240 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8151W158	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151W157	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151W155	220-240 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8151W159	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151W151	220-240 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8151W152	220-240 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8151W163	220-240 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8151W168	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8151W167	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8151W165	220-240 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8151W169	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8151W161	220-240 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8151W162	220-240 V, 50/60 Hz AC, DC		1-sided, 60 m

NON-ADDRESSABLE 24 V CENTRALLY SUPPLIED EMERGENCY EXIT LIGHTS

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info
TWT8141W	24 V, 50/60 Hz AC, DC		2-sided, 40/60 m
Y8141W153	24 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8141W158	24 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8141W157	24 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8141W155	24 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8141W159	24 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8141W151	24 V, 50/60 Hz AC, DC		2-sided, 40 m
Y8141W152	24 V, 50/60 Hz AC, DC		1-sided, 40 m
Y8141W163	24 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8141W168	24 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8141W167	24 V, 50/60 Hz AC, DC		1-sided, 60 m

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/emergency-exit-lights/emergency-exit-light-product-families/esc-81-emergency-exit-lights



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

Product Code	Nominal Supply Voltage	Pictogram	Pictogram Info
Y8141W165	24 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8141W169	24 V, 50/60 Hz AC, DC		1-sided, 60 m
Y8141W161	24 V, 50/60 Hz AC, DC		2-sided, 60 m
Y8141W162	24 V, 50/60 Hz AC, DC		1-sided, 60 m

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

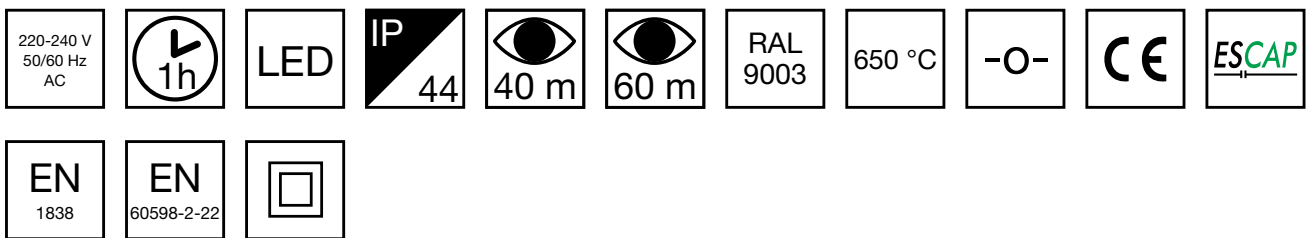
www.teknoware.com/en/emergency-lighting/emergency-exit-lights/emergency-exit-light-product-families/esc-81-emergency-exit-lights



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

ESC 81 DIMMED EMERGENCY EXIT LIGHT TWS8192WR



Self-contained dimmed Escap emergency exit light with 1 h super capacitor

ESC 81 is an innovative emergency exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design. ESC 81 TWS8192WR is dimmed to prevent disturbing light of the exit sign in dark environment.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

We reserve the rights to make modifications without notice.
Copyright © 2021 Teknoware. All rights reserved.
Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-dimmed-emergency-exit-light-tws8192wr



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

Product Code	TWS8192WR
Feature	Escap
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045026794
ETIM Product Class	EC001957
Length	405 mm
Width	40 mm
Height	287 mm
Weight	1,4 kg
Backup	1 h
Max Input Power VA	4 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-25...+35 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	53 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT



We reserve the rights to make modifications without notice.
 Copyright © 2021 Teknoware. All rights reserved.
 Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-dimmed-emergency-exit-light-tws8192wr



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
 Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

LIGHTS

Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81402E		40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E		40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS

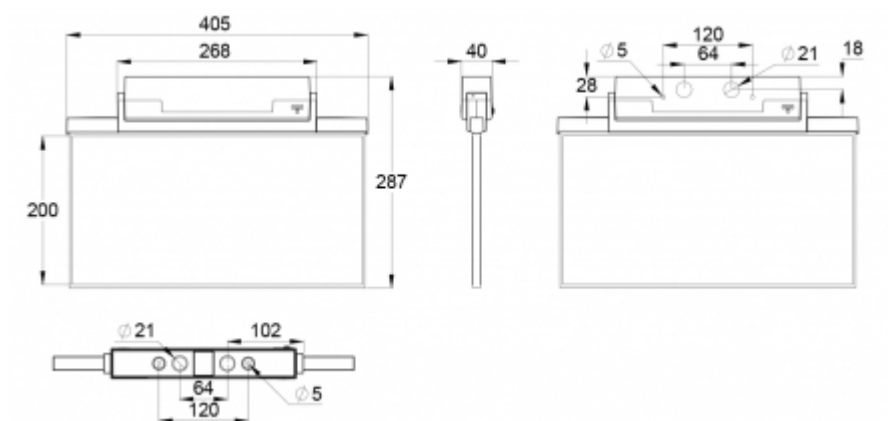


Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101	Recess mounting frame TWT8101	ESC 81 Emergency Exit Lights
TWT8101B	Recess mounting frame TWT8101B	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.
 Copyright © 2021 Teknoware. All rights reserved.
 Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-dimmed-emergency-exit-light-tws8192w
 r



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
 Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-dimmed-emergency-exit-light-tws8192w

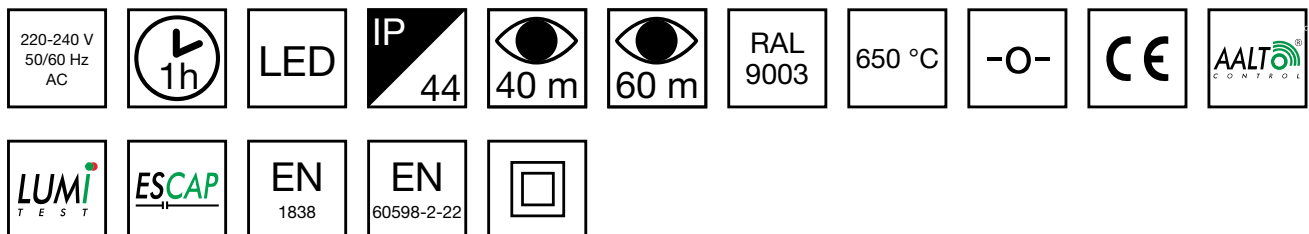
r



Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

ESC 81 LED EMERGENCY EXIT LIGHT TWS8192WA



Self-contained ESCAP Emergency Exit Light with 1 h Super Capacitor and Wireless Central Monitoring

ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

We reserve the rights to make modifications without notice.
Copyright © 2021 Teknoware. All rights reserved.
Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

 **TEKNOWARE®**

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8192WA153		PBV81401E	2-sided, 40 m
Y8192WA158		PBV81401E1	1-sided, 40 m
Y8192WA157			1-sided, 40 m
Y8192WA155		PBV81402E	2-sided, 40 m
Y8192WA159			1-sided, 40 m
Y8192WA151		PBV81405E	2-sided, 40 m
Y8192WA152		PBV81405E3	1-sided, 40 m
Y8192WA163		PBV81601E	2-sided, 60 m
Y8192WA168			1-sided, 60 m
Y8192WA167			1-sided, 60 m
Y8192WA165		PBV81602E	2-sided, 60 m
Y8192WA169			1-sided, 60 m
Y8192WA161		PBV81605E	2-sided, 60 m
Y8192WA162		PBV81605E3	1-sided, 60 m

Product Code	TWS8192WA
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045022017
ETIM Product Class	EC001957

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Length	405 mm
Width	40 mm
Height	287 mm
Weight	1,4 kg
Backup	1 h
Max Input Power VA	4 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-25...+35 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	53 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81402E		40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E		40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101	Recess mounting frame TWT8101	ESC 81 Emergency Exit Lights
TWT8101B	Recess mounting frame TWT8101B	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

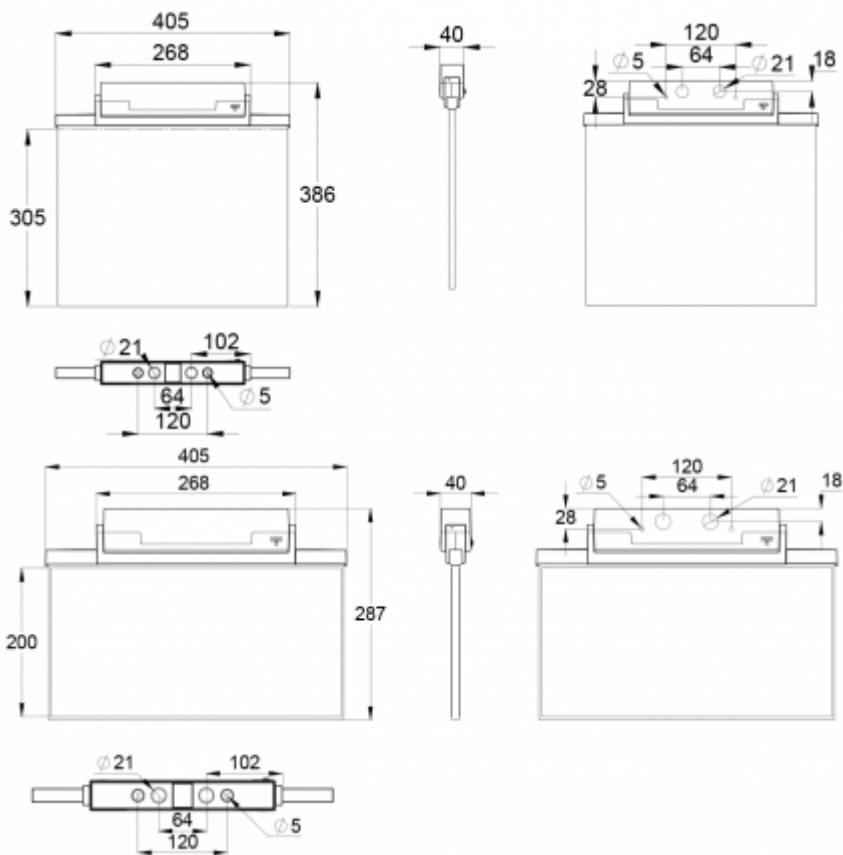
Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



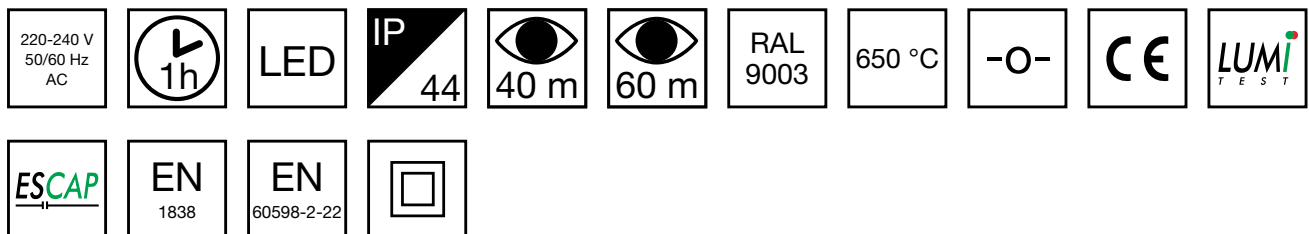


We reserve the rights to make modifications without notice.
 Copyright © 2021 Teknoware. All rights reserved.
 Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
 Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



ESC 81 LED EMERGENCY EXIT LIGHT TWS8192WM



Self-contained ESCAP Emergency Exit Light with 1 h Super Capacitor and Lumi Test Self-testing

ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8192WM153		PBV81401E	2-sided, 40 m
Y8192WM158		PBV81401E1	1-sided, 40 m
Y8192WM157			1-sided, 40 m
Y8192WM155		PBV81402E	2-sided, 40 m
Y8192WM159			1-sided, 40 m
Y8192WM151		PBV81405E	2-sided, 40 m
Y8192WM152		PBV81405E3	1-sided, 40 m
Y8192WM163		PBV81601E	2-sided, 60 m
Y8192WM168			1-sided, 60 m
Y8192WM167			1-sided, 60 m
Y8192WM165		PBV81602E	2-sided, 60 m
Y8192WM169			1-sided, 60 m
Y8192WM161		PBV81605E	2-sided, 60 m
Y8192WM162		PBV81605E3	1-sided, 60 m

Product Code	TWS8192WM
Feature	Escap, Lumi Test
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045022024
ETIM Product Class	EC001957

We reserve the rights to make modifications without notice.
 Copyright © 2021 Teknoware. All rights reserved.
 Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
 Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Length	405 mm
Width	40 mm
Height	287 mm
Weight	1,4 kg
Backup	1 h
Max Input Power VA	4 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-25...+35 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	53 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81402E	 	40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E	 	40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS

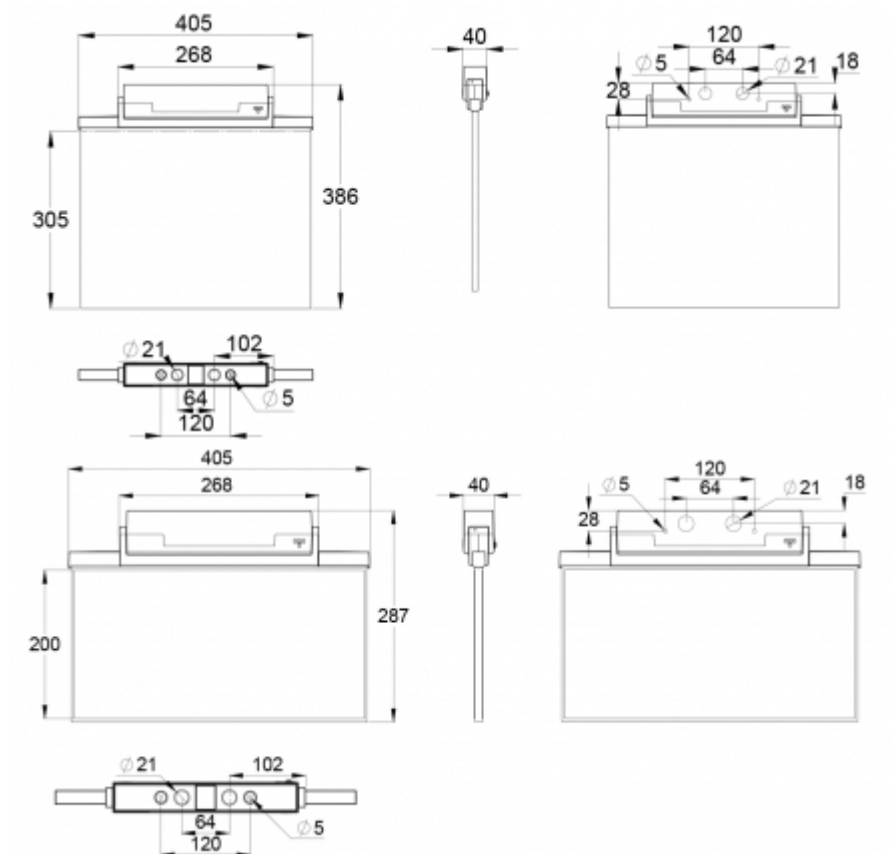


Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101	Recess mounting frame TWT8101	ESC 81 Emergency Exit Lights
TWT8101B	Recess mounting frame TWT8101B	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

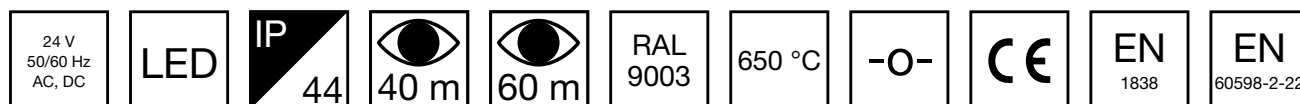


We reserve the rights to make modifications without notice.
 Copyright © 2021 Teknoware. All rights reserved.
 Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-tws8192wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
 Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



ESC 81 LED EMERGENCY EXIT LIGHT TWT8141W



24 V centrally supplied LED Emergency Exit Light

ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8141W153		PBV81401E	2-sided, 40 m
Y8141W158		PBV81401E1	1-sided, 40 m
Y8141W157		PBV81401E	1-sided, 40 m
Y8141W155		PBV81402E	2-sided, 40 m
Y8141W159		PBV81402E	1-sided, 40 m
Y8141W151		PBV81405E	2-sided, 40 m
Y8141W152		PBV81405E3	1-sided, 40 m
Y8141W163		PBV81601E	2-sided, 60 m
Y8141W168		PBV81601E	1-sided, 60 m
Y8141W167		PBV81601E	1-sided, 60 m
Y8141W165		PBV81602E	2-sided, 60 m
Y8141W169		PBV81602E	1-sided, 60 m
Y8141W161		PBV81605E	2-sided, 60 m
Y8141W162		PBV81605E3	1-sided, 60 m

Product Code	TWT8141W
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045011882
ETIM Product Class	EC001957
Length	405 mm

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8141w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

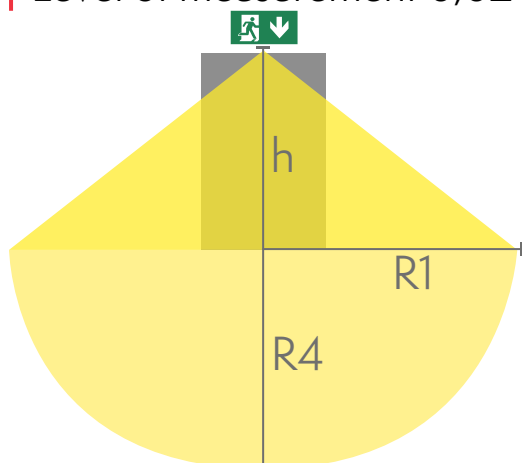
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Width	40 mm
Height	287 mm
Weight	1,4 kg
Max Input Power VA	3,2 VA
Max Input Power W	3,8 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	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	45 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

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.



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

TWT8141W

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	1,5	0,5	1	1,5	2
2,5	0,8			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
PBV81402E	 	40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E	 	40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights
PBV81602E	 	60	ESC 81 Emergency Exit Lights
PBV81601E	 	60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8141w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

 **TEKNOWARE®**

COVER LABELS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Compatible Product Groups
XWT8101		ESC 81 Emergency Exit Lights
XWT8106		ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101	Recess mounting frame TWT8101	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

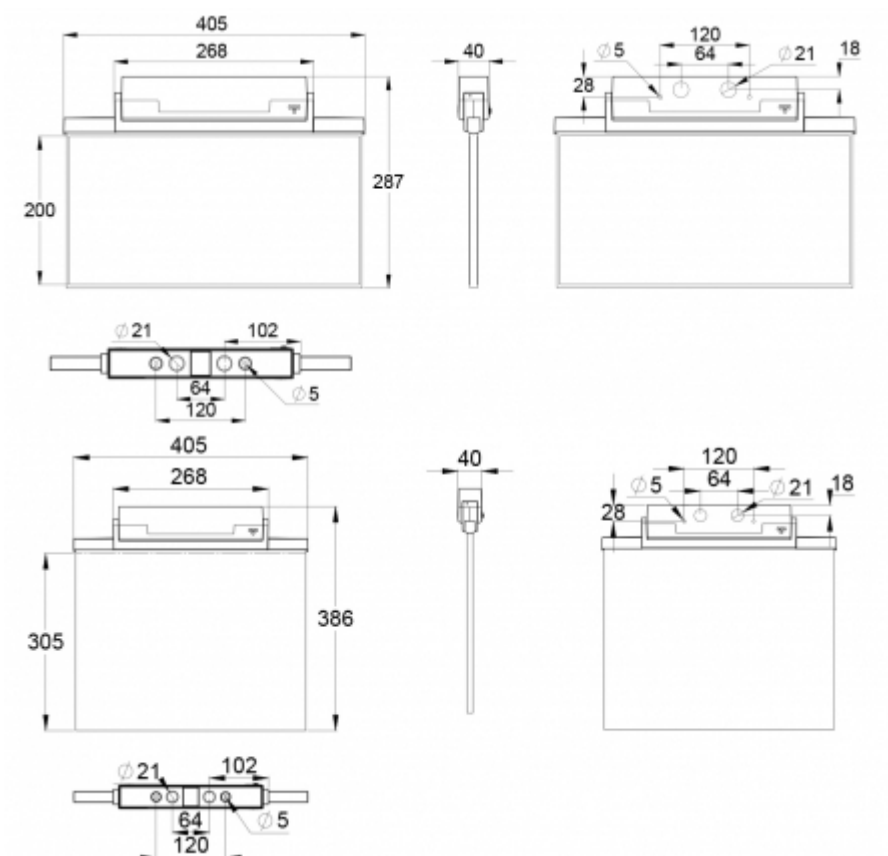
Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8141w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com





We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

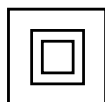
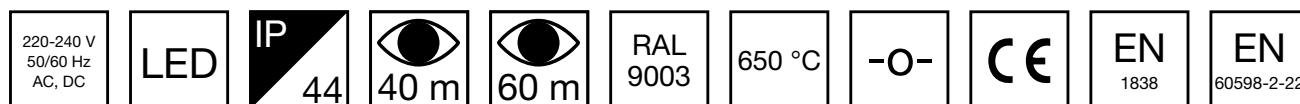
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8141w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



ESC 81 LED EMERGENCY EXIT LIGHT TWT8151W



230 V centrally supplied LED Emergency Exit Light

ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8151W153		PBV81401E	2-sided, 40 m
Y8151W158		PBV81401E	1-sided, 40 m
Y8151W157		PBV81401E	1-sided, 40 m
Y8151W155		PBV81402E	2-sided, 40 m
Y8151W159		PBV81402E	1-sided, 40 m
Y8151W151		PBV81405E	2-sided, 40 m
Y8151W152		PBV81405E3	1-sided, 40 m
Y8151W163		PBV81601E	2-sided, 60 m
Y8151W168		PBV81601E	1-sided, 60 m
Y8151W167		PBV81601E	1-sided, 60 m
Y8151W165		PBV81602E	2-sided, 60 m
Y8151W169		PBV81602E	1-sided, 60 m
Y8151W161		PBV81605E	2-sided, 60 m
Y8151W162		PBV81605E3	1-sided, 60 m

Product Code	TWT8151W
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045011899
ETIM Product Class	EC001957
Length	405 mm

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

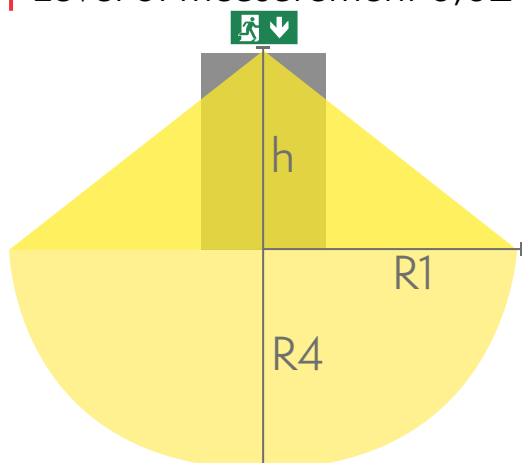
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Width	40 mm
Height	287 mm
Weight	1,4 kg
Max Input Power VA	5,5 VA
Max Input Power W	3,2 W
Nominal Supply Voltage	220-240 V, 50/60 Hz AC, DC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-30...+50 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	45 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

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.



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

TWT8151W

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	1,5	0,5	1	1,5	2
2,5	0,8			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
PBV81402E		40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E		40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



COVER LABELS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Compatible Product Groups
XWT8101		ESC 81 Emergency Exit Lights
XWT8106		ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101	Recess mounting frame TWT8101	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

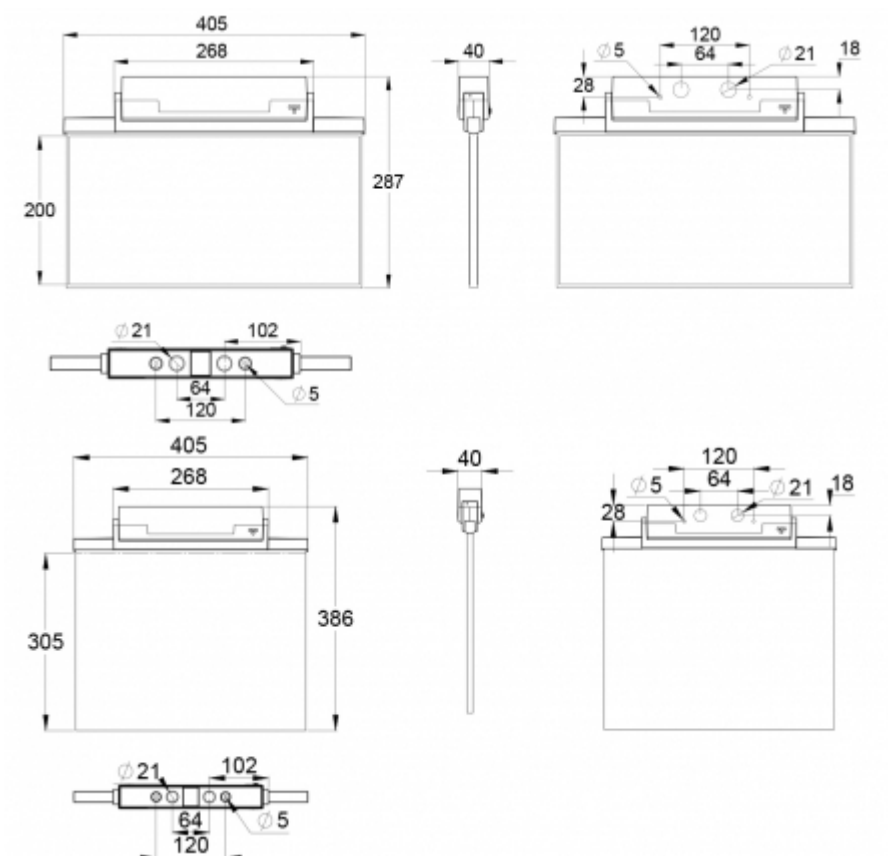
Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com





We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

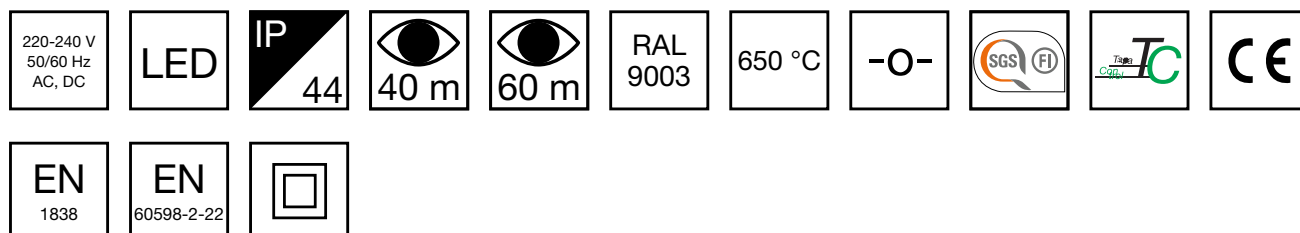
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151w

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



ESC 81 LED EMERGENCY EXIT LIGHT TWT8151WK



Addressable 230 V centrally supplied LED Emergency Exit Light

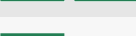
ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8151WK153		PBV81401E	2-sided, 40 m
Y8151WK158		PBV81401E	1-sided, 40 m
Y8151WK157		PBV81401E	1-sided, 40 m
Y8151WK155		PBV81402E	2-sided, 40 m
Y8151WK159		PBV81402E	1-sided, 40 m
Y8151WK151		PBV81405E	2-sided, 40 m
Y8151WK152		PBV81405E3	1-sided, 40 m
Y8151WK163		PBV81601E	2-sided, 60 m
Y8151WK168		PBV81601E	1-sided, 60 m
Y8151WK167		PBV81601E	1-sided, 60 m
Y8151WK165		PBV81602E	2-sided, 60 m
Y8151WK169		PBV81602E	1-sided, 60 m
Y8151WK161		PBV81605E	2-sided, 60 m
Y8151WK162		PBV81605E3	1-sided, 60 m

Product Code	TWT8151WK
Feature	Tapsa Control
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045011905
ETIM Product Class	EC001957

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151wk

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

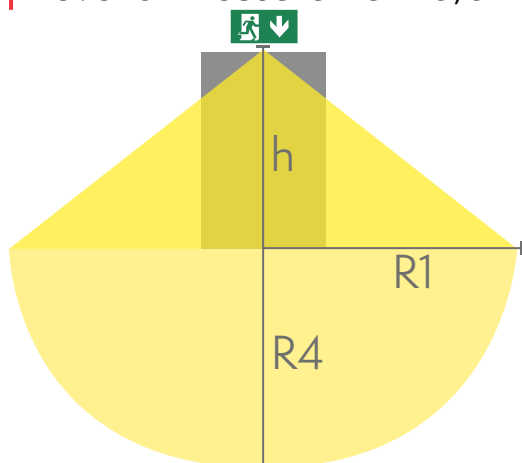
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Length	405 mm
Width	40 mm
Height	287 mm
Weight	1,4 kg
Max Input Power VA	6,5 VA
Max Input Power W	4,2 W
Nominal Supply Voltage	220-240 V, 50/60 Hz AC, DC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-30...+50 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Certifications	SGS Fimko
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	45 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

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.



We reserve the rights to make modifications without notice.
Copyright © 2021 Teknoware. All rights reserved.
Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151wk

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

 **TEKNOWARE®**

R1 distance from wall (X axis)
R4 distance from wall (Y axis)
TWT8151WK

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	1,5	0,5	1	1,5	2
2,5	0,8			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
PBV81402E		40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E		40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

COVER LABELS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Compatible Product Groups
XWT8101		ESC 81 Emergency Exit Lights
XWT8106		ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101	Recess mounting frame TWT8101	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

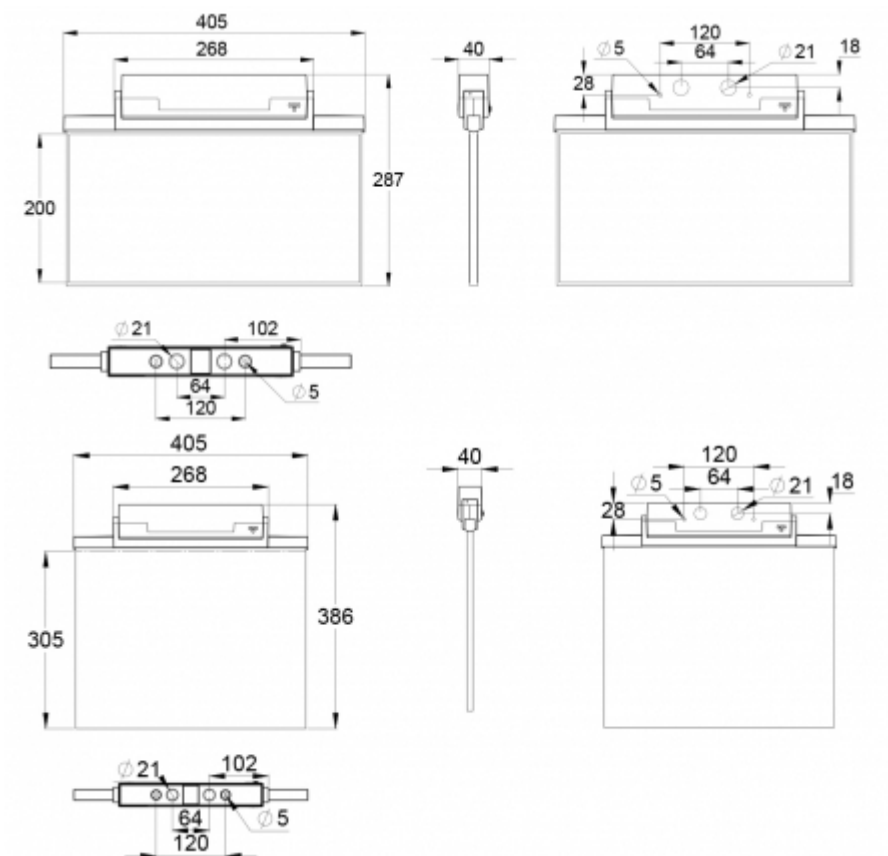
Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151wk

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com





We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

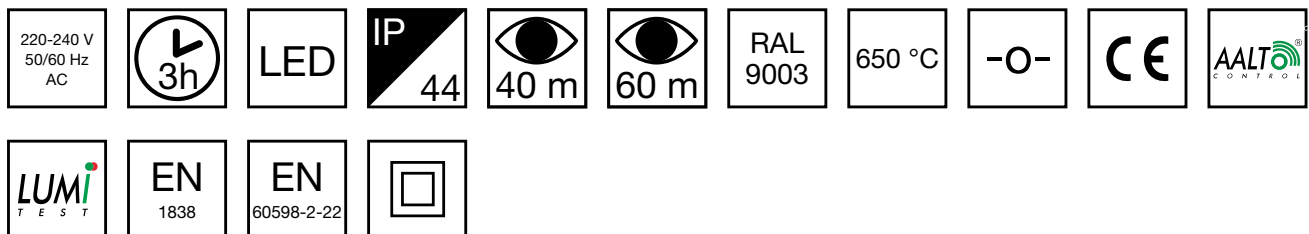
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8151wk

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



ESC 81 LED EMERGENCY EXIT LIGHT TWT8153WA



Self-contained LED Emergency Exit Light with 3 h Battery and Wireless Central Monitoring

ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

We reserve the rights to make modifications without notice.
Copyright © 2021 Teknoware. All rights reserved.
Date: February 26, 2021 | Source:
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland
Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

 **TEKNOWARE®**

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8153WA153		PBV81401E	2-sided, 40 m
Y8153WA158		PBV81401E1	1-sided, 40 m
Y8153WA157		PBV81401E	1-sided, 40 m
Y8153WA155		PBV81402E	2-sided, 40 m
Y8153WA159		PBV81402E	1-sided, 40 m
Y8153WA151		PBV81405E	2-sided, 40 m
Y8153WA152		PBV81405E3	1-sided, 40 m
Y8153WA163		PBV81601E	2-sided, 60 m
Y8153WA168		PBV81601E	1-sided, 60 m
Y8153WA167		PBV81601E	1-sided, 60 m
Y8153WA165		PBV81602E	2-sided, 60 m
Y8153WA169		PBV81602E	1-sided, 60 m
Y8153WA161		PBV81605E	2-sided, 60 m
Y8153WA162		PBV81605E3	1-sided, 60 m

Product Code	TWT8153WA
Feature	Aalto Control, Lumi Test
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045011929
ETIM Product Class	EC001957

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Length	405 mm
Width	40 mm
Height	287 mm
Weight	2,1 kg
Backup	3 h
Max Input Power VA	4,5 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-5...+30 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	53 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81402E	 	40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E	 	40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

COVER LABELS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Compatible Product Groups
XWT8101		ESC 81 Emergency Exit Lights
XWT8106		ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101B	Recess mounting frame TWT8101B	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



SPARE PARTS:

SPARE PARTS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
W120011	Battery package W120011	TKT66C Central Battery Systems, TKT67C Central Battery Systems, ESC 90 Emergency Exit Lights, ESC 81 Emergency Exit Lights, ESC 80 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

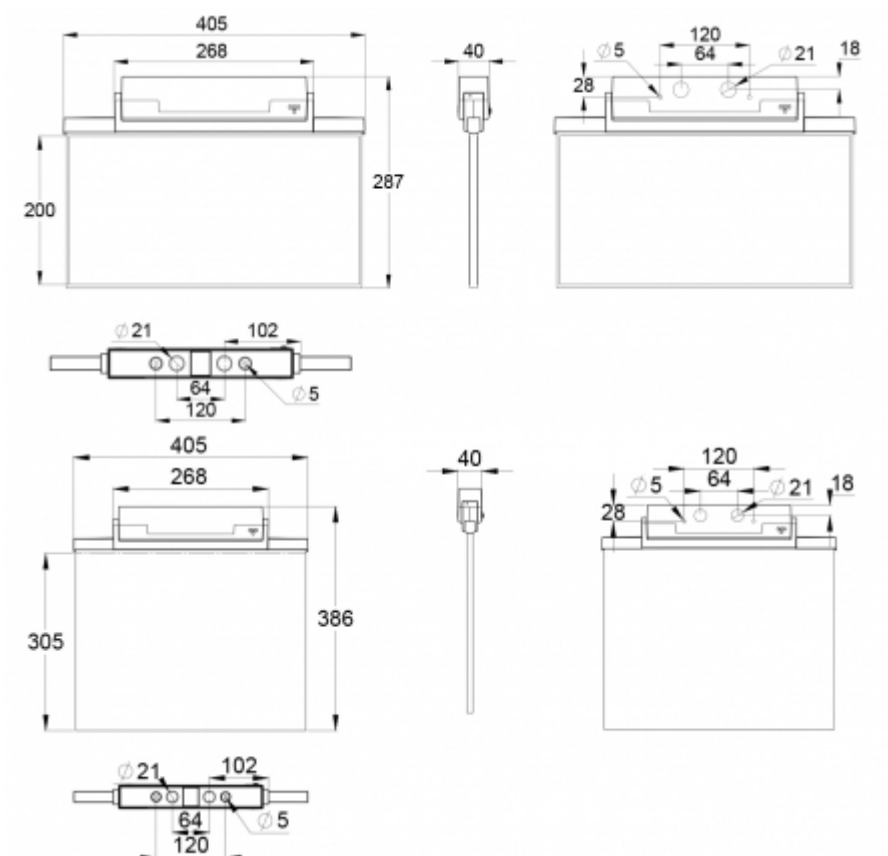
Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com





We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

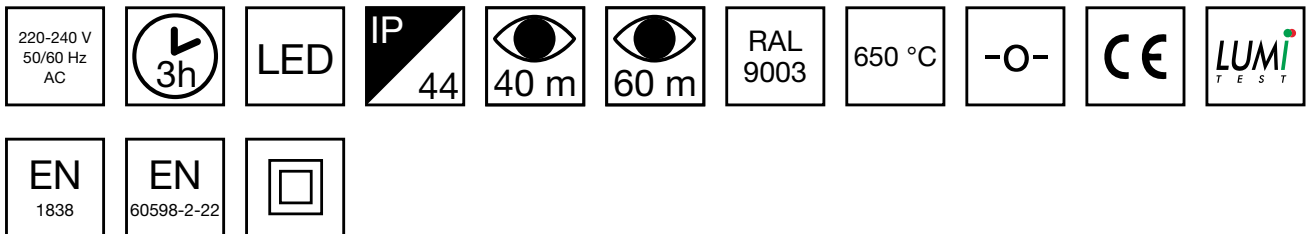
www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wa

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



ESC 81 LED EMERGENCY EXIT LIGHT TWT8153WM



Self-contained LED Emergency Exit Light with 3 h Battery and Lumi Test Self-testing

ESC 81 is an innovative LED exit light equipped with a light plate. It combines cutting edge technology with modern luminaire design.

Evenly illuminated light plates, low power consumption and slender looking luminaires are the result of Teknoware's pioneering, expertise in electronics and product design. Luminaire can be used as 1 or 2 sided, recess and surface mounted.

ESC 81 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

INDIVIDUALLY PACKED LIGHTS

The product codes starting with letter Y include an individually packed luminaire, and the pictogram/s mentioned in the table. The product codes starting with TW include the luminaire only.

Product Code	Pictogram	Pictogram code	Pictogram Info
Y8153WM153		PBV81401E	2-sided, 40 m
Y8153WM158		PBV81401E1	1-sided, 40 m
Y8153WM157		PBV81401E	1-sided, 40 m
Y8153WM155		PBV81402E	2-sided, 40 m
Y8153WM159		PBV81402E	1-sided, 40 m
Y8153WM151		PBV81405E	2-sided, 40 m
Y8153WM152		PBV81405E3	1-sided, 40 m
Y8153WM163		PBV81601E	2-sided, 60 m
Y8153WM168		PBV81601E	1-sided, 60 m
Y8153WM167		PBV81601E	1-sided, 60 m
Y8153WM165		PBV81602E	2-sided, 60 m
Y8153WM169		PBV81602E	1-sided, 60 m
Y8153WM161		PBV81605E	2-sided, 60 m
Y8153WM162		PBV81605E3	1-sided, 60 m

Product Code	TWT8153WM
Feature	Lumi Test
Mounting (standard)	ceiling, wall
Mounting (optional)	recess, flag, pendel
Customs Code	94056080
GTIN Code	6438045011936
ETIM Product Class	EC001957

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Length	405 mm
Width	40 mm
Height	287 mm
Weight	2,1 kg
Backup	3 h
Max Input Power VA	4,5 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	II
IP Class	IP44
Temperature Range Min - Max	-5...+30 °C
Glow Wire Test of Plastic Materials	650 °C
Viewing Distance	40/60 m
Light Source	LED
Body Material	plastic
Aperture for Recess Mounting	53 x 415 mm
Colour	RAL9003
Electrical Installation	2/3 x 2,5 mm ²

ONE OR MORE OF THESE IS ALSO REQUIRED:

PICTOGRAMS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81402E	 	40	ESC 81 Emergency Exit Lights
PBV81402E3		40	ESC 81 Emergency Exit Lights
PBV81401E	 	40	ESC 81 Emergency Exit Lights
PBV81401E1		40	ESC 81 Emergency Exit Lights
PBV81401E2		40	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



Product Code	Pictogram	Viewing Distance (m)	Compatible Product Groups
PBV81602E		60	ESC 81 Emergency Exit Lights
PBV81601E		60	ESC 81 Emergency Exit Lights
PBV81601E1		60	ESC 81 Emergency Exit Lights
PBV81601E2		60	ESC 81 Emergency Exit Lights

OPTIONAL ACCESSORIES:

SHOCK PROTECTING COVERS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TW77510B	Shock protecting cover TW77510B	ESC 10 Emergency Exit Lights, DISCONTINUED: ESC 6L Emergency Exit Lights, ESC 29 Emergency Exit Lights, Safe 29 Emergency Lights, ESC 81 Emergency Exit Lights

COVER LABELS FOR EMERGENCY EXIT LIGHTS



Product Code	Pictogram	Compatible Product Groups
XWT8101		ESC 81 Emergency Exit Lights
XWT8106		ESC 81 Emergency Exit Lights

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY EXIT LIGHTS



Product Code	Product Name	Compatible Product Groups
TWT9000	Suspension bracket TWT9000	ESC 90 Emergency Exit Lights, ESC 80 Emergency Exit Lights, ESC 81 Emergency Exit Lights
TWT8101B	Recess mounting frame TWT8101B	ESC 81 Emergency Exit Lights
TWT8102	Flag bracket TWT8102	ESC 81 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com



SPARE PARTS:

SPARE PARTS FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
W120011	Battery package W120011	TKT66C Central Battery Systems, TKT67C Central Battery Systems, ESC 90 Emergency Exit Lights, ESC 81 Emergency Exit Lights, ESC 80 Emergency Exit Lights

We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

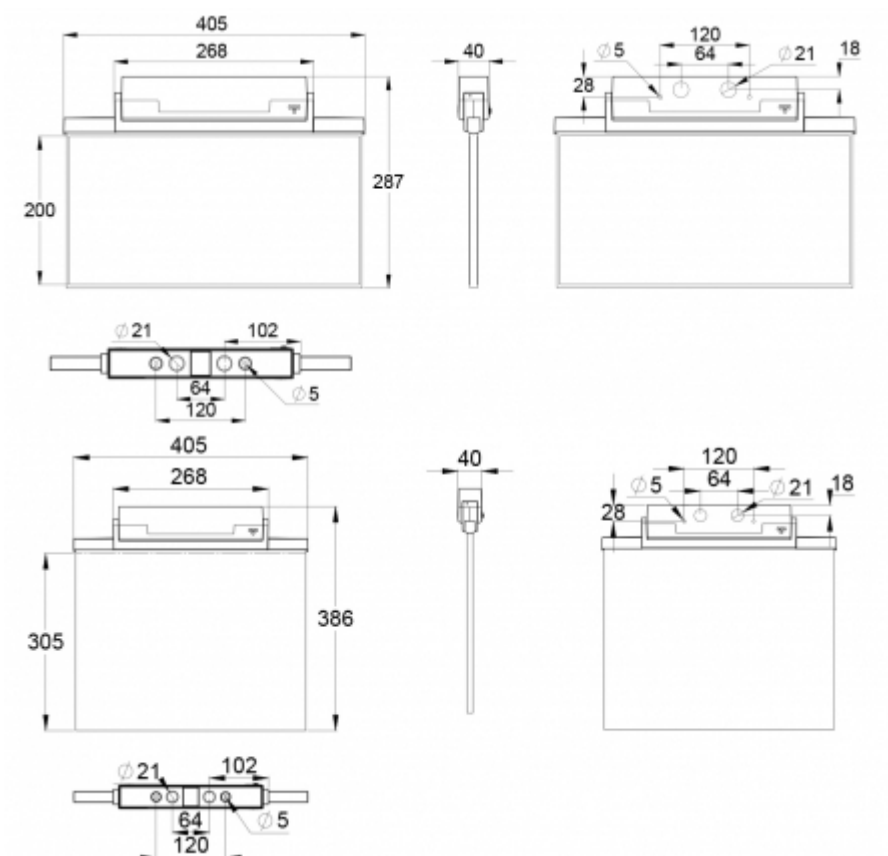
Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com





We reserve the rights to make modifications without notice.

Copyright © 2021 Teknoware. All rights reserved.

Date: February 26, 2021 | Source:

www.teknoware.com/en/emergency-lighting/esc-81-led-emergency-exit-light-twt8153wm

Teknoware Oy | P.O. Box 19, 15101 Lahti | Ilmarisentie 8, 15200 Lahti Finland

Tel +358 3 883 020 | VAT-number FI01494751 | teknoware.com | emexit@teknoware.com

