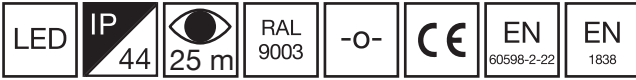


ESC 90

LED EXIT LIGHT WITH A 25 M VIEWING DISTANCE,
CEILING AND WALL MOUNTING AS STANDARD



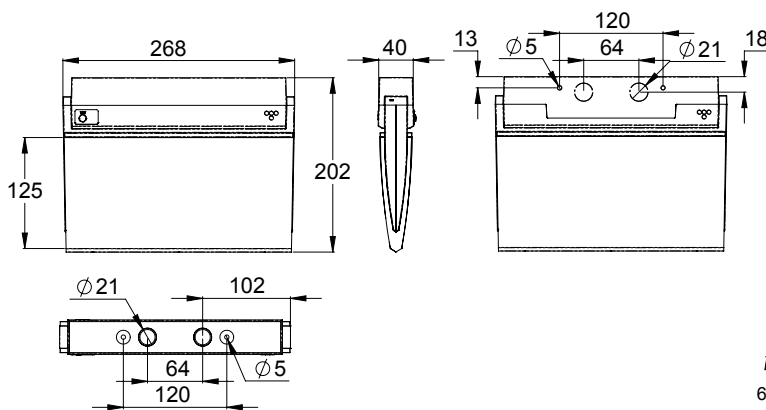
Installation video



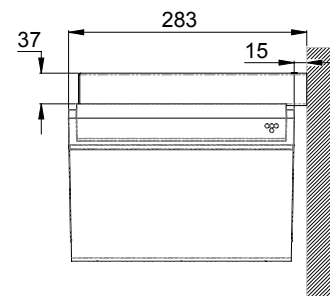
ESC 90 is an innovative LED exit light of the new generation. Cutting-edge technology is combined with modern lighting design. Thanks to high quality electronics, optics and mechanical design, the luminaire has uniformly illuminated pictograms, low power consumption, as well as a slender appearance.

Changing the pictograms is easy, the plastic sheet is just slid into its place. ESC 90 exit light is easy to install to the ceiling or to the wall. It can be used as 1 or 2 sided, both in recess and surface mounting. ESC 90 is particularly easy and fast to install thanks to a separate mounting piece, into which also the power supply is connected.

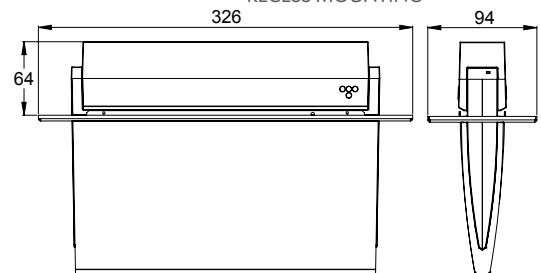
DIMENSIONS



FLAG MOUNTING



RECESS MOUNTING



- ⊕ = Protection class of luminaire is 1
- ⊕ = Protection class of luminaire is 2
- ⊕ = Protection class of luminaire is 3
- ⊕ = Luminaire is suitable for through-wiring
- IP20 = Protection rating
- White = Colour of the body
- 20m = Viewing distance
- LED = LED as a light source
- Aalto = Aalto Control compatible (incl. Lumi Test)
- M = Self-contained luminaire with Lumi test self-testing
- Escap = Self-contained luminaire with 1 h super capacitor backup
- C = Compatible with Tapsa Control Central Battery Unit and Local Controller
- 850 = compliant with the 850 glow wire test
- IC = Compatible with Intelligent Controller
- CBS = Centrally supplied

CENTRALLY SUPPLIED LUMINAIRES

24 V CENTRALLY SUPPLIED EXIT LIGHTS

Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9041W	24 V 50/60 Hz AC,DC	2 VA / 2,5 W	CBS	-30...+50°C	2/3 x 2,5 mm ² -o-	0,44
Y9041W120	(individually packed incl. TWT9041W + set of pictograms PB401 + white label PB9007)					

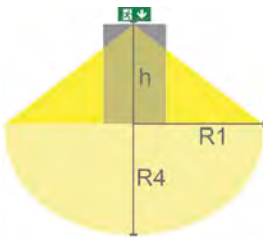
24-230V CENTRALLY SUPPLIED EXIT LIGHTS

Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9071W	24 - 230 V 50/60 Hz AC,DC	24 V= 2 VA /1,5 W 230 V=5,5 VA /2 W	CBS	-30... +50°C	24 V= 2 x 2,5 mm ² 230 V=3 x 2,5 mm ² -o-	0,44
Y9071W140	(individually packed incl. TWT9071W + set of pictograms PB401 + white label PB9007)					

LIGHT DISTRIBUTION TABLES

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)

TWT9041W, TWT9071W

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	0,5	1	1
2,5	1,1	0,5	0,5	1	1

ESC 90

CENTRALLY SUPPLIED LUMINAIRES



230 V CENTRALLY SUPPLIED EXIT LIGHTS

Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)	
TWT9051W	220-240 V, 50/60 Hz AC,DC	3,9 VA / 2,9 W	CBS	-30...+50°C	2/3 x 2,5 mm ² -0-	0,44	
Y9051W120	(individually packed incl. TWT9051W + set of pictograms PB401 + white label PB9007)						

ADDRESSABLE 230 V CENTRALLY SUPPLIED EXIT LIGHTS

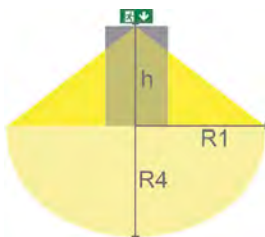


Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)	
TWT9051WK	220-240 V, 50/60 Hz AC,DC	6,6 VA / 4,2 W	CBS / C + IC	-30...+50°C	2/3 x 2,5 mm ² -0-	0,44	
Y9051WK120	(individually packed incl. TWT9051WK + set of pictograms PB401 + white label PB9007)						

LIGHT DISTRIBUTION TABLES

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)

TWT9051W, TWT9051WK

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	0,5	1	1
2,5	1,1	0,5	0,5	1	1

- = Protection class of luminaire is 1
- = Protection rating
- = Aalto Control compatible (incl. Lumi Test)
- = compliant with the 850 glow wire test
- = Protection class of luminaire is 2
- = Colour of the body
- = Self-contained luminaire with Lumi test self-testing
- = Compatible with Intelligent Controller
- = Protection class of luminaire is 3
- = Viewing distance
- = Self-contained luminaire with 1 h super capacitor backup
- = Centrally supplied
- = Luminaire is suitable for through-wiring
- = LED as a light source
- = Compatible with Tapsa Control Central Battery Unit and Local Controller

SELF-CONTAINED LUMINAIRES WITH SUPER CAPACITOR

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



Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWS9092WA	220-240 V, 50/60 Hz AC	4 VA	1 h Escap + Aalto	-25...+35°C	2/3 x 2,5 mm ² -0-	0,60
Y9092WA120	(individually packed incl. TWS9092WA+ set of pictograms PB401 + white label PB9007)					

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



Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWS9092WM	220-240 V, 50/60 Hz AC	4 VA	1 h Escap + M	-25...+35°C	2/3 x 2,5 mm ² -0-	0,60
Y9092WM120	(individually packed incl. TWS9092WM+ set of pictograms PB401 + white label PB9007)					

ESC 90



SELF-CONTAINED LUMINAIRES WITH BATTERY

SELF-CONTAINED EXIT LIGHTS WITH BATTERY AND WIRELESS CENTRAL MONITORING



Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9053WA	220-240 V, 50/60 Hz AC	5,3 VA	3 h battery + Aalto	-5...+30°C	2/3 x 2,5 mm ² -o-	0,53
Y9053WA120	[individually packed incl. TWT9053WA+ set of pictograms PB401 + white label PB9007]					

SELF-CONTAINED EXIT LIGHTS WITH BATTERY AND SELF-TESTING



Product code	Nominal supply voltage	Max input power	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9053WM	220-240 V, 50/60 Hz AC	5,3 VA	3 h battery + M	-5...+30°C	2/3 x 2,5 mm ² -o-	0,53
Y9053WM120	[individually packed incl. TWT9053WM+set of pictograms PB401 + white label PB9007]					

- ⊕ = Protection class of luminaire is 1
- ⊕ = Protection class of luminaire is 2
- ⊕ = Protection class of luminaire is 3
- ⊕ = Luminaire is suitable for through-wiring
- IP20 = Protection rating
- Col = Colour of the body
- View = Viewing distance
- LED = LED as a light source
- Aalto = Aalto Control compatible (incl. Lumi Test)
- M = Self-contained luminaire with Lumi test self-testing
- Escap = Self-contained luminaire with 1 h super capacitor backup
- C = Compatible with Tapsa Control Central Battery Unit and Local Controller
- 850 = compliant with the 850 glow wire test
- IC = Compatible with Intelligent Controller
- CBS = Centrally supplied

PICTOGRAMS

Product code	Pictogram	Product description
PB9006		Down arrow
PB9005		Right arrow
PB9004		Left arrow
PB9010		Up arrow
PB9007		White label (1 pc supplied with the light)
PB401		Set of pictograms (PB9006 x 2, PB9005 x 1, PB9004 x 1)

Pictograms in the table are 1-sided

SPECIAL PICTOGRAMS

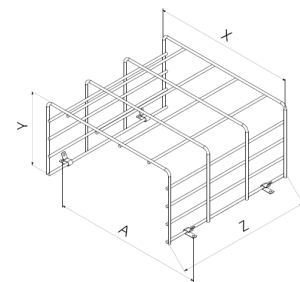
Product code	Pictogram	Product description
PB9006R		Down arrow, unobstructed escape route
PB9005R		Right arrow, unobstructed escape route
PB9004R		Left arrow, unobstructed escape route
PB9006H		Down arrow, unobstructed escape route with lift
PB9005H		Right arrow, unobstructed escape route with lift
PB9004H		Left arrow, unobstructed escape route with lift
PB9020		Fire Extinguisher

Pictograms in the table are 1-sided

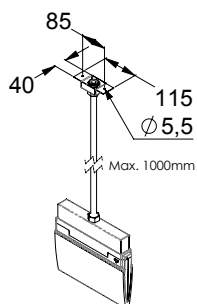
ACCESSORIES

Product code	Product description
TWT9001	Recess mounting frame for centrally supplied luminaires
TWT9001B	Recess mounting frame for self-contained luminaires
TWT9002	Flag bracket
TWT9000	Suspension bracket
TW77508B	Shock protecting covers (dims: X=220, Y=120, Z=305, A=240)

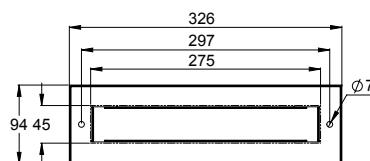
SHOCK PROTECTING COVER
TW77508B



SUSPENSION BRACKET
TWT9000

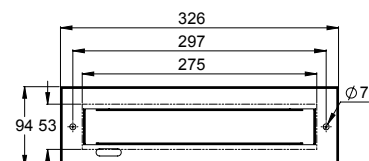


RECESS MOUNTING FRAME
TWT9001



Aperture for recess mounting of centrally supplied luminaires: 45 mm x 275 mm (TWT9001)

RECESS MOUNTING FRAME
TWT9001B



Aperture for recess mounting of self-contained luminaires: 53 mm x 275 mm (TWT9001B)