TRAIL: LINE MIDBAY

LED | IP 20 | RAL 9003 | -o- | CE | EN 60598-2-22

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

Trail Line Midbay is a unique emergency light that effectively illuminates corridors from 3 to 10 meters. It provides a long and narrow pattern that illuminates the escape routes efficiently.

for escape routes
installation height: from 3 to 10 meters depending on model
self-contained or centrally supplied depending on model
installation: surface mounting on a lighting track (compatible with Global Trac and lighting trunking systems) or ceiling mounted
material: metal casing
colour: white (RAL 9003), other RAL-colours on request

The product codes starting with letter Y include an individually packed luminaire. The product codes starting with TW include the luminaire only.

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

Product Code	Nominal Supply Voltage	Feature	Backup (h)	Form
TWSC492WM	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	

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www.teknoware.com/en/emergency-lighting/emergency-lights/emergency-light-product-families/trail-line-midbay

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

Product Code	Nominal Supply Voltage	Feature	Backup (h)
TWSC492WA	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1

SELF-CONTAINED EMERGENCY LIGHTS WITH BATTERY AND SELF-TESTING

Product Code	Nominal Supply Voltage	Feature	Backup (h)
TWTC452WM	220-240 V, 50/60 Hz AC	Lumi Test	1
TWTC453WM	220-240 V, 50/60 Hz AC	Lumi Test	3

SELF-CONTAINED EMERGENCY LIGHTS WITH BATTERY AND WIRELESS CENTRAL MONITORING

Product Code	Nominal Supply Voltage	Feature	Backup (h)
TWTC452WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	1
TWTC453WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	3

ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product Code	Nominal Supply Voltage	Feature
TWTC451WK	220-240 V, 50/60 Hz AC, DC	Intelligent Controller, Tapsa Control

NON-ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product Code	Nominal Supply Voltage	Feature
TWTC471W	24-230 V, 50/60 Hz AC, DC	

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWSC492WA

220-240 V 50/60 Hz AC | 1h | LED | IP 20 | RAL 9003 | 850 °C | -O- | CE | AALTO CONTROL | LUMI TEST | ESCAP | EN 1838 | EN 60598-2-22

Self-contained Escap emergency light with 1 h super capacitor and wireless central monitoring

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

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Product Code	TWSC492WA
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025407
Length	465 mm
Width	80 mm
Height	48 mm
Weight	1.6 kg
Backup	1 h
Max Input Power VA	3 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	-25...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	60 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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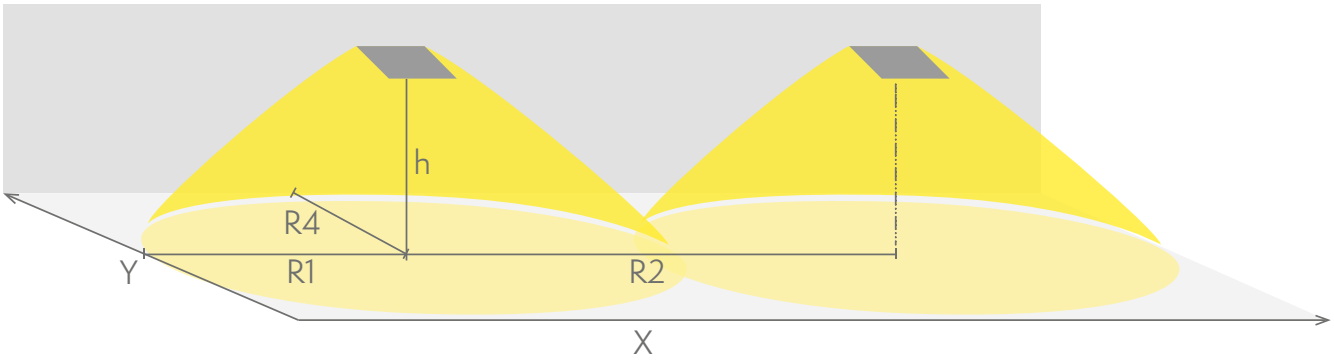

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWSC492WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	11	3.5	8	1
3	8	3.5	9	1
4	4.5	4	10	1
6	2	4	11	1
8	1.1	3	11	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1002	Trail wall bracket TWTC1002	

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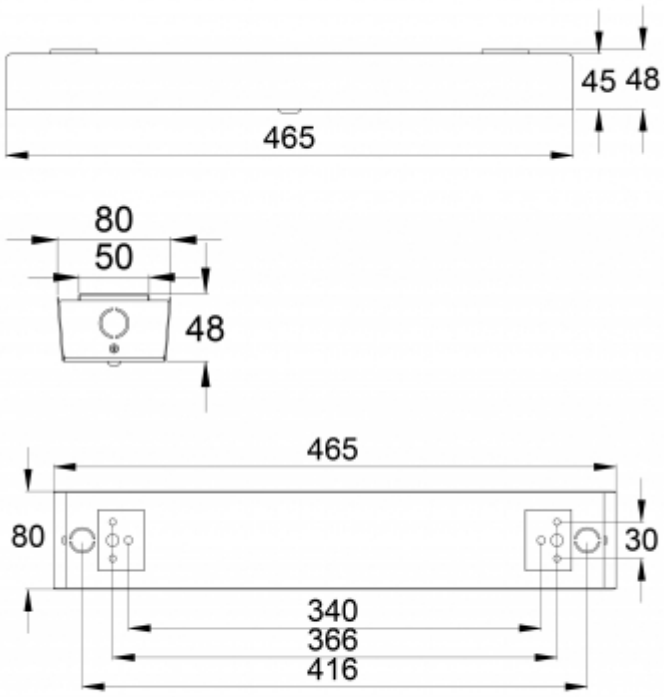

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWSC492WM

220-240 V 50/60 Hz AC | 1h | LED | IP 20 | RAL 9003 | 850 °C | -O- | CE | LUMI TEST | ESCAP | EN 1838 | EN 60598-2-22

Self-contained Escap emergency light with 1 h super capacitor and Lumi Test self-testing

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

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Product Code	TWSC492WM
Feature	Escap, Lumi Test
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025414
Length	465 mm
Width	80 mm
Height	48 mm
Weight	1.6 kg
Backup	1 h
Max Input Power VA	3 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	-25...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	60 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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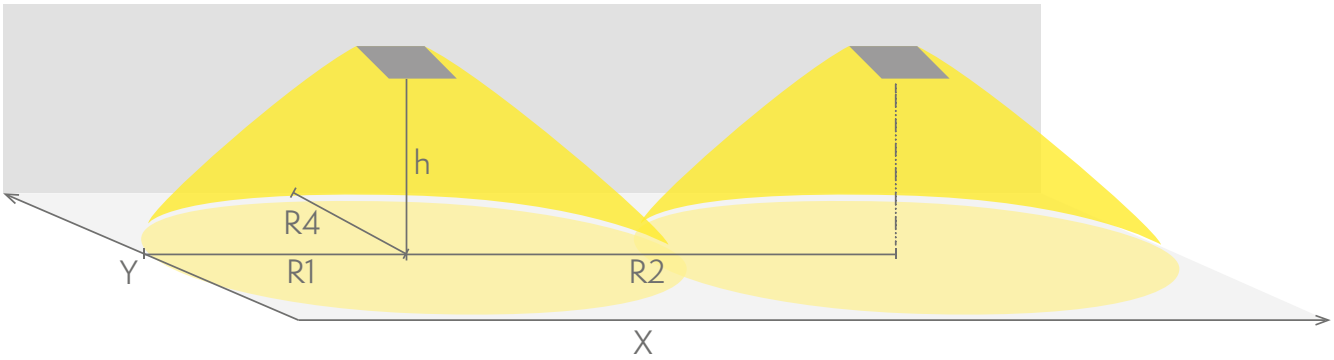

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWSC492WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	11	3.5	8	1
3	8	3.5	9	1
4	4.5	4	10	1
6	2	4	11	1
8	1.1	3	11	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1002	Trail wall bracket TWTC1002	

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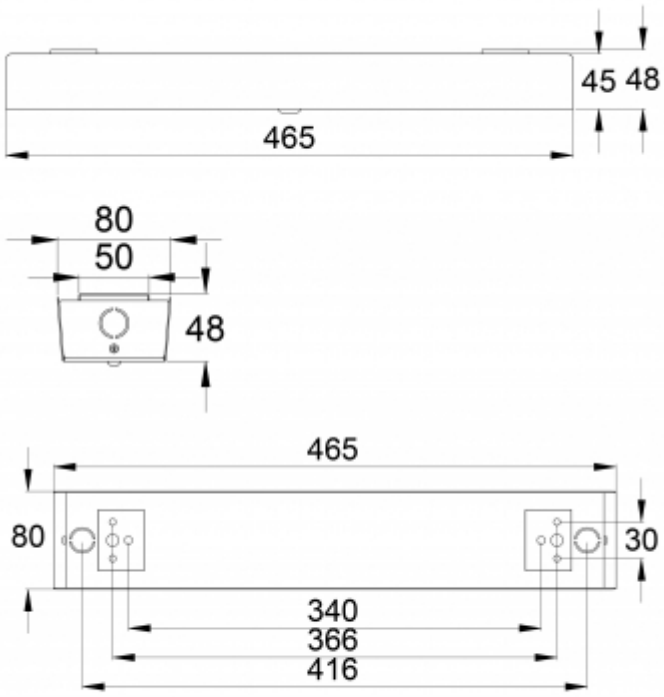

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWTC451WK

220-240 V 50/60 Hz AC, DC | LED | IP 20 | RAL 9003 | 650 °C | -O- | TC | IC | CE | EN 1838 | EN 60598-2-22

Addressable 230 V centrally supplied emergency light

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

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Product Code	TWTC451WK
Feature	Intelligent Controller, Tapsa Control
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025124
Length	345 mm
Width	80 mm
Height	48 mm
Weight	0.9 kg
Max Input Power VA	10 VA
Max Input Power W	5,5W
Nominal Supply Voltage	220-240 V, 50/60 Hz AC, DC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	-30...+50 °C
Glow Wire Test of Plastic Materials	650 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	230 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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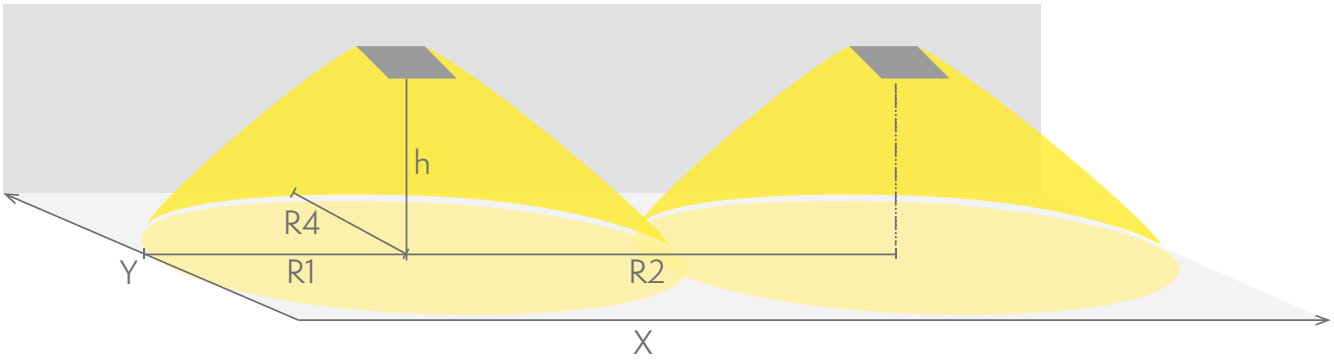

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWTC451WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	45	5	11	1
3	31	5	11	1
4	17	6.5	15	1
6	7	7	18	1
8	4	8	19	1
10	2	8	20	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1001	Trail wall bracket TWTC1001	

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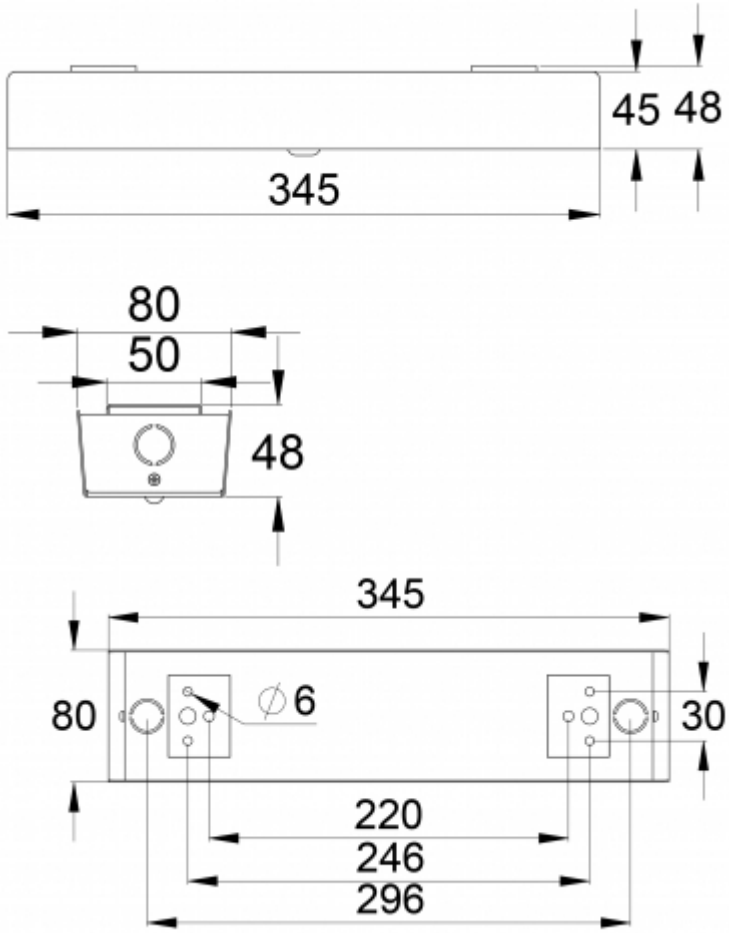

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWTC452WA

220-240 V 50/60 Hz AC | 1h | LED | IP 20 | RAL 9003 | 850 °C | -O- | CE | AALTO CONTROL | LUMI TEST | EN 1838 | EN 60598-2-22

Self-contained emergency light with 1 h battery and wireless central monitoring

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Product Code	TWTC452WA
Feature	Aalto Control, Lumi Test
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025209
Length	345 mm
Width	80 mm
Height	48 mm
Weight	1.1 kg
Backup	1 h
Max Input Power VA	3 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	0...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	230 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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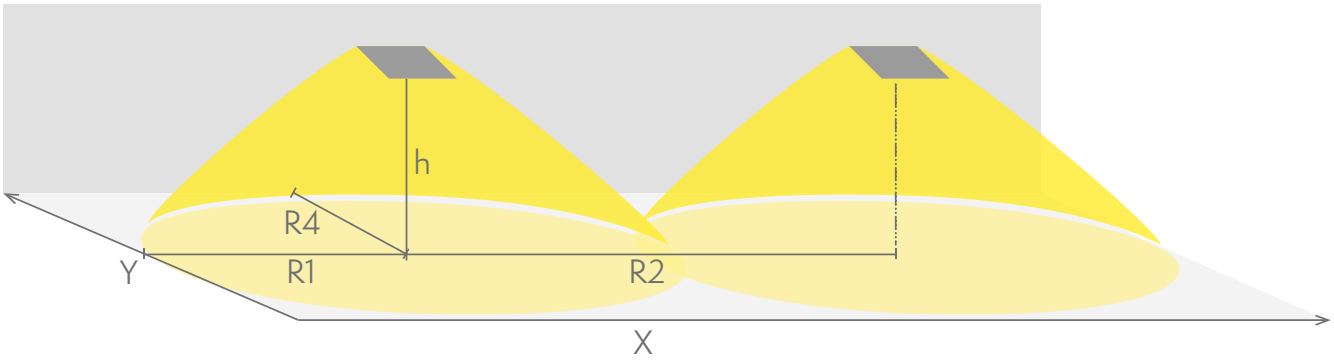

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWTC452WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	45	5	11	1
3	31	5	11	1
4	17	6.5	15	1
6	7	7	18	1
8	4	8	19	1
10	2	8	20	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1001	Trail wall bracket TWTC1001	

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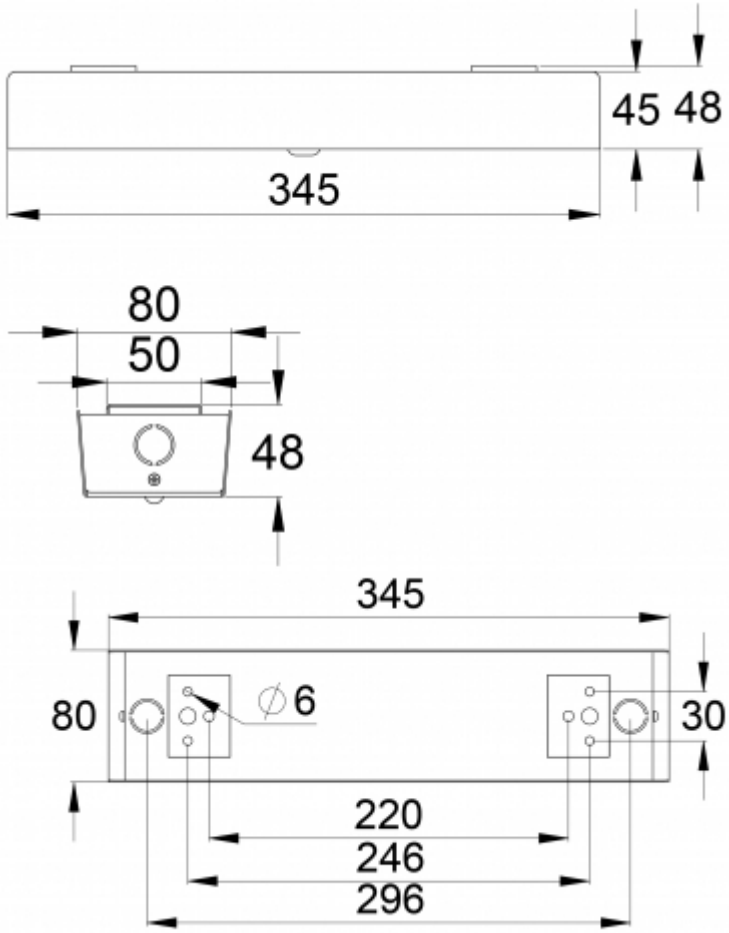

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWTC452WM

220-240 V 50/60 Hz AC | 1h | LED | IP 20 | RAL 9003 | 850 °C | -o- | CE | LUMI TEST | EN 1838 | EN 60598-2-22

Self-contained emergency light with 1 h battery and Lumi Test self-testing

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Product Code	TWTC452WM
Feature	Lumi Test
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025247
Length	345 mm
Width	80 mm
Height	48 mm
Weight	1.1 kg
Backup	1 h
Max Input Power VA	3 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	0...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	230 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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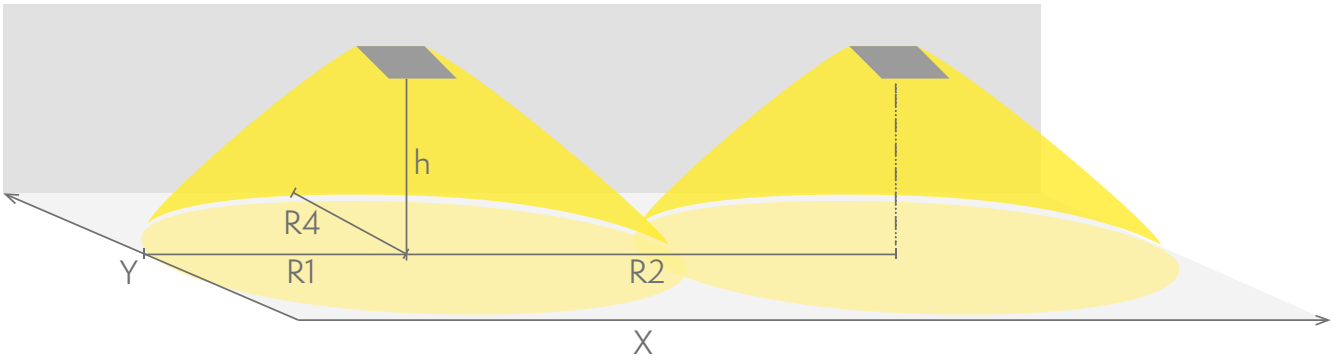

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWTC452WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	45	5	11	1
3	31	5	11	1
4	17	6.5	15	1
6	7	7	18	1
8	4	8	19	1
10	2	8	20	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1001	Trail wall bracket TWTC1001	

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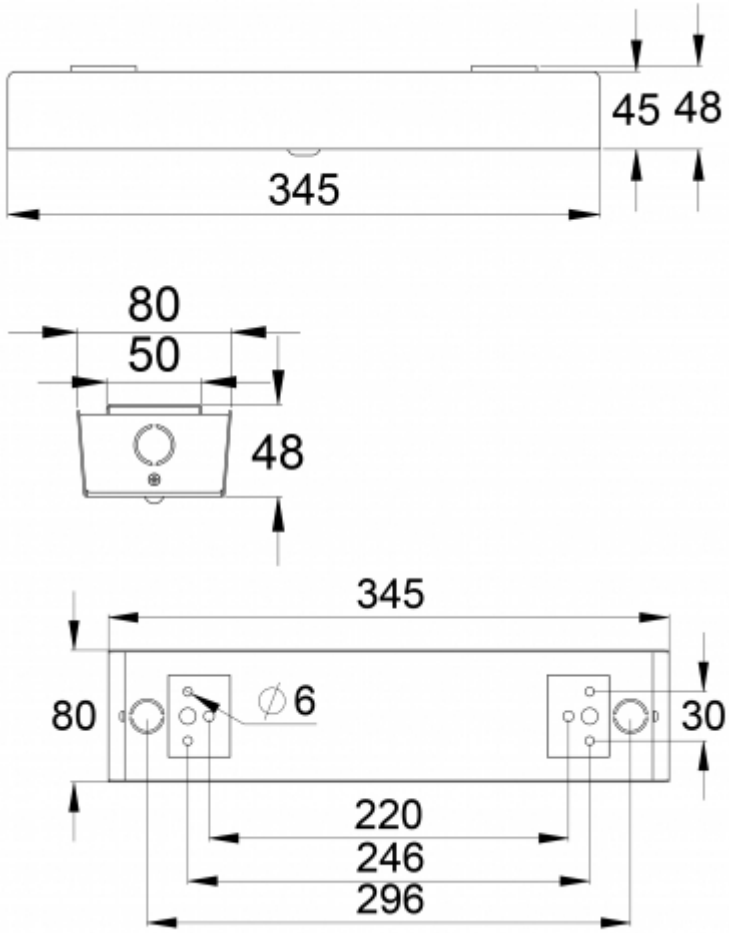

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWTC453WA

220-240 V 50/60 Hz AC | 3h | LED | IP 20 | RAL 9003 | 850 °C | -O- | CE | AALTO CONTROL | LUMI TEST | EN 1838 | EN 60598-2-22

Self-contained emergency light with 3 h battery and wireless central monitoring

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

Trail Line Midbay is a unique emergency light that effectively illuminates corridors from 3 to 10 meters. It provides a long and narrow pattern that illuminates the escape routes efficiently.

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Product Code	TWTC453WA
Feature	Aalto Control, Lumi Test
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025285
Length	345 mm
Width	80 mm
Height	48 mm
Weight	1.3 kg
Backup	3 h
Max Input Power VA	6 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	0...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	230 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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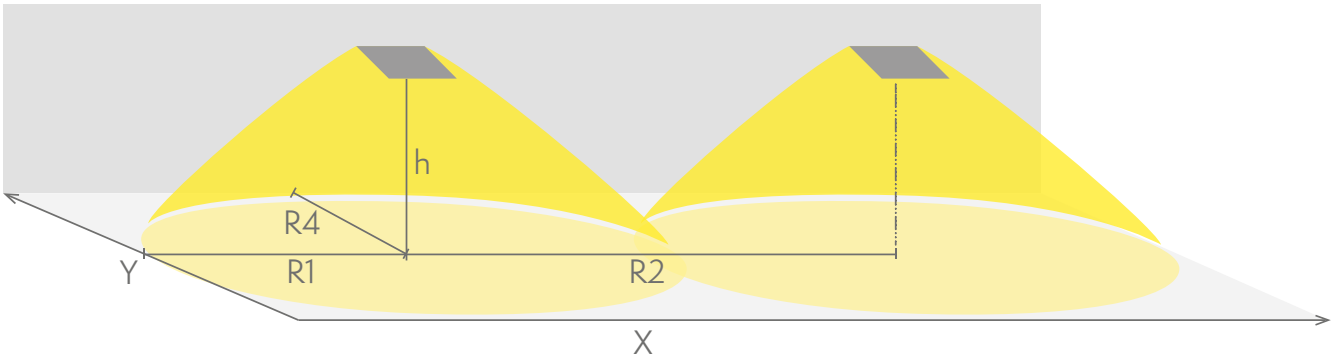

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWTC453WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	45	5	11	1
3	31	5	11	1
4	17	6.5	15	1
6	7	7	18	1
8	4	8	19	1
10	2	8	20	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1001	Trail wall bracket TWTC1001	

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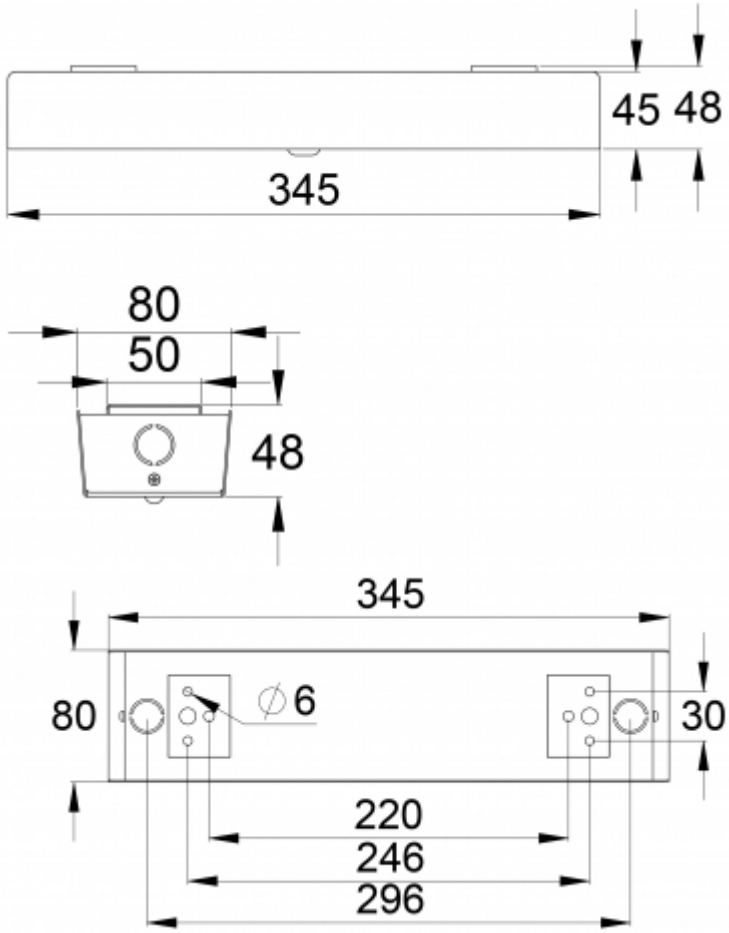

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWTC453WM

220-240 V 50/60 Hz AC | 3h | LED | IP 20 | RAL 9003 | 850 °C | -o- | CE | LUMI TEST | EN 1838 | EN 60598-2-22

Self-contained emergency light with 3 h battery and Lumi Test self-testing

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

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Product Code	TWTC453WM
Feature	Lumi Test
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025322
Length	345 mm
Width	80 mm
Height	48 mm
Weight	1.3 kg
Backup	3 h
Max Input Power VA	6 VA
Nominal Supply Voltage	220-240 V, 50/60 Hz AC
Protection Class	I
IP Class	IP20
Temperature Range Min - Max	0...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	3 x 2,5 mm²
Luminous Flux	230 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.

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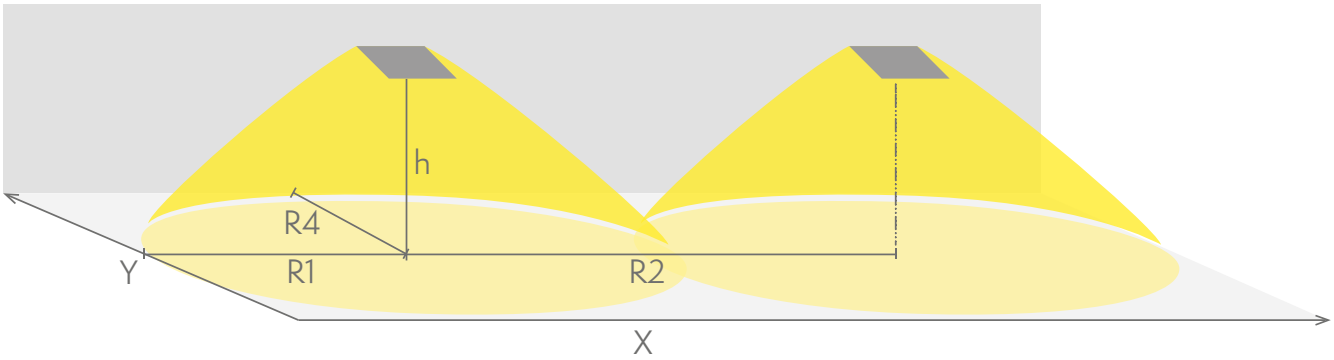

R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWTC453WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	45	5	11	1
3	31	5	11	1
4	17	6.5	15	1
6	7	7	18	1
8	4	8	19	1
10	2	8	20	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1001	Trail wall bracket TWTC1001	

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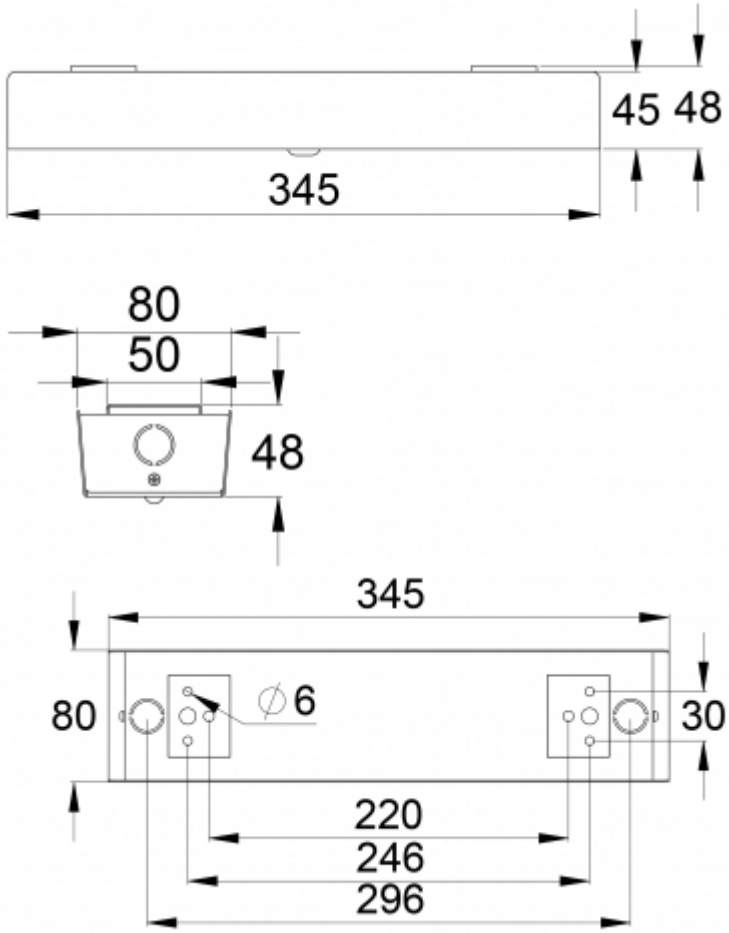

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TRAIL LINE MIDBAY EMERGENCY LIGHT TWTC471W

24-230 V 50/60 Hz AC, DC | LED | IP 20 | RAL 9003 | 650 °C | -O- | CE | EN 1838 | EN 60598-2-22 | III

24-230 V centrally supplied emergency light

Teknoware Trail is an elegant emergency light that is easy to install on a lighting track. Thanks to its unique design, it is suitable for direct mounting on common lighting track systems. The luminaire can also be mounted directly on the ceiling without the rail. Trail has a modern and streamlined appearance so it blends in with the surroundings and architecture. Trail's wide product family and range of optics offer many options to suit a variety of applications and systems.

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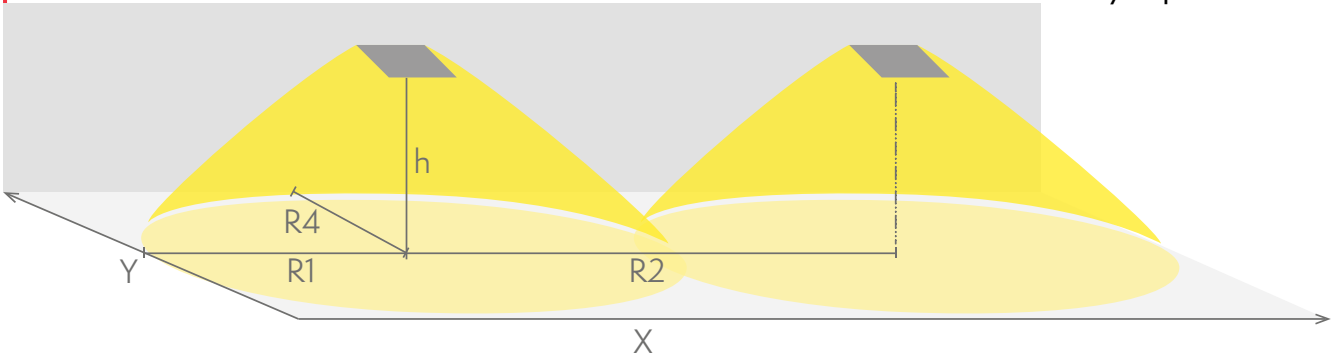
Product Code	TWTC471W
Mounting (standard)	ceiling, surface, rail
GTIN Code	6438045025162
Length	345 mm
Width	80 mm
Height	48 mm
Weight	0.9 kg
Max Input Power VA	7,5 VA (24 V), 11 VA (230 V)
Max Input Power W	4 W (24 V), 4 W (230 V)
Nominal Supply Voltage	24-230 V, 50/60 Hz AC, DC
Protection Class	III (24 V), I (230 V)
IP Class	IP20
Temperature Range Min - Max	-30...+50 °C
Glow Wire Test of Plastic Materials	650 °C
Light Source	LED
Body Material	metal
Colour	RAL9003
Electrical Installation	2 x 2,5 mm² (24 V), 3 x 2,5 mm² (230 V)
Luminous Flux	230 lm

Emergency lighting for escape routes (ceiling mounting)

Table of 1 lux for escape routes in the middle line according to the norm EN 1838.
Level of measurement 0,02 m, measurement result with battery operation.



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R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWTC471W

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	45	5	11	1
3	31	5	11	1
4	17	6.5	15	1
6	7	7	18	1
8	4	8	19	1
10	2	8	20	1

OPTIONAL ACCESSORIES:

OPTIONAL MOUNTING ACCESSORIES FOR EMERGENCY LIGHTS

Product Code	Product Name	Compatible Product Groups
TWTC1001	Trail wall bracket TWTC1001	

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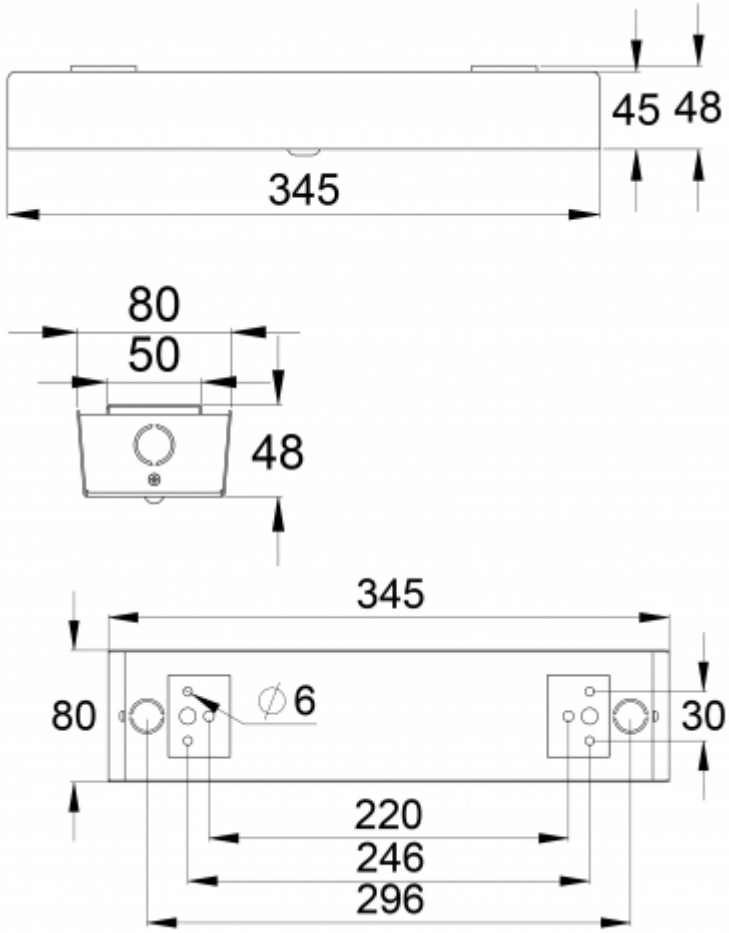

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