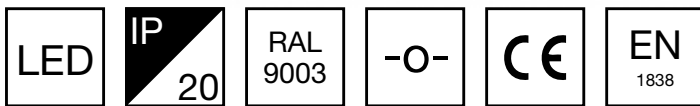
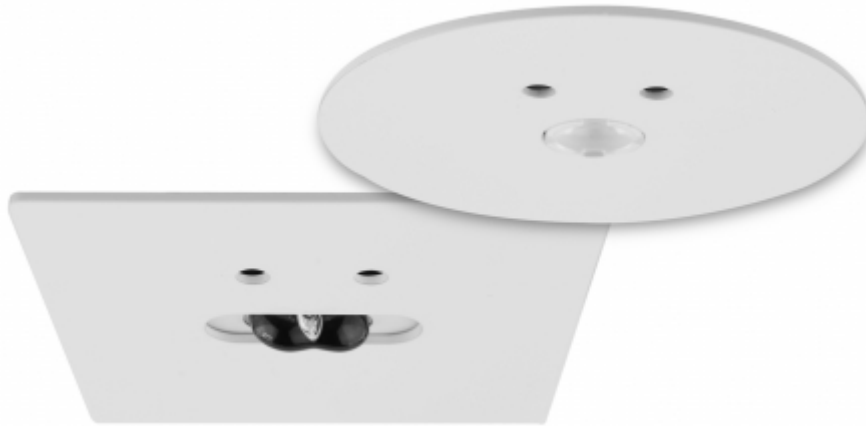


SLIMSPOT II: ZONE LOWBAY



Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

for open areas

installation height: up to 4 meters

self-contained or centrally supplied depending on model

IP rating: IP20

installation: recess-mounted

material: metal framing

standard colour: white (RAL 9003)

optional colours: black (RAL 9005) and grey (RAL 9006)

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
TWS6392WM	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	●

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Product Code	Nominal Supply Voltage	Feature	Backup (h)	Form
TWS6392WM4	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	●
TWS6392WM5	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	●
TWS6392WMC	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	●
TWSA292WM4	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	■
TWSA292WM5	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	■
TWSA292WM	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	■
TWSA292WMC	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	■

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

Product Code	Nominal Supply Voltage	Feature	Backup (h)
TWS6392WA	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWS6392WA4	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWS6392WA5	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWS6392WAC	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWSA292WA4	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWSA292WA5	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWSA292WA	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWSA292WAC	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)
TWT6352WM	220-240 V, 50/60 Hz AC	Lumi Test	1
TWT6353WM	220-240 V, 50/60 Hz AC	Lumi Test	3
TWTA252WM	220-240 V, 50/60 Hz AC	Lumi Test	1
TWTA253WM	220-240 V, 50/60 Hz AC	Lumi Test	3

SELF-CONTAINED EMERGENCY LIGHTS WITH BATTERY AND WIRELESS CENTRAL MONITORING

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Product Code	Nominal Supply Voltage	Feature	Backup (h)
TWT6352WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	1
TWT6353WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	3
TWTA252WA	220-240 V, 50/60 Hz AC	Aalto Control	1
TWTA253WA	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
TWT6351WK	220-240 V, 50/60 Hz AC, DC	Intelligent Controller, Tapsa Control
TWTA251WK	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
TWT6371W	24-230 V, 50/60 Hz AC, DC	
TWTA271W	24-230 V, 50/60 Hz AC, DC	

ADDRESSABLE 24 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product Code	Nominal Supply Voltage	Feature
TWT6341WK	24 V, 50/60 Hz AC, DC	Tapsa Control
TWTA241WK	24 V, 50/60 Hz AC, DC	Tapsa Control

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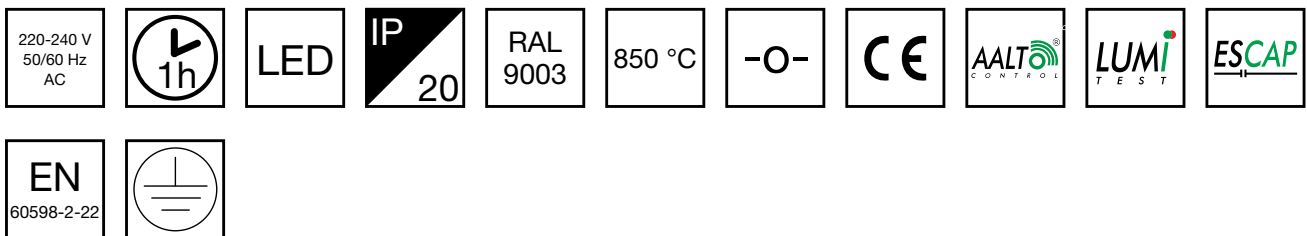
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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WA



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWSA292WA
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024226
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	65 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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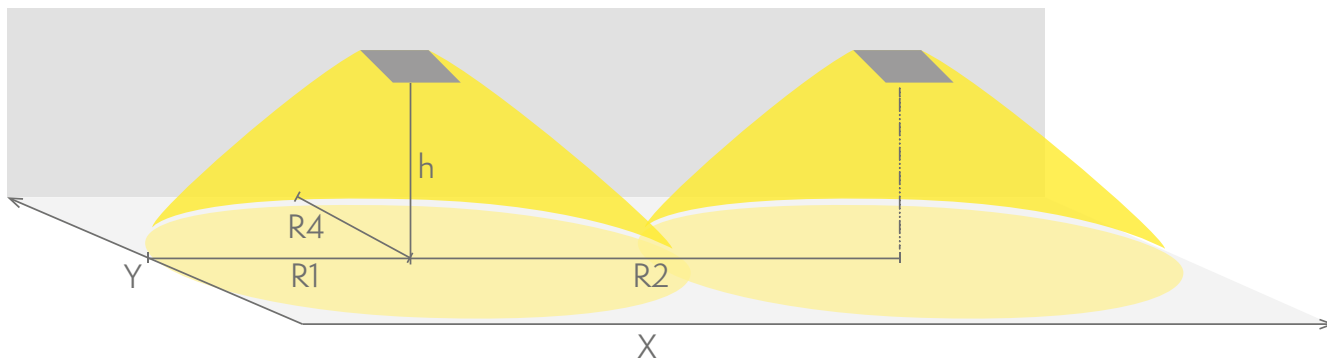
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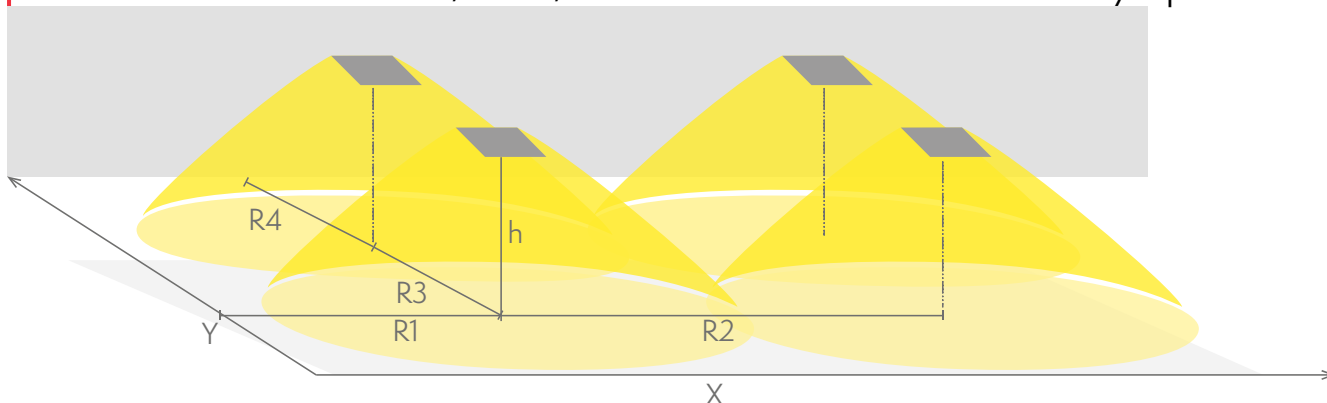
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1,5	3	7	3
3	1	4	8	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1,5	3	5	5	3

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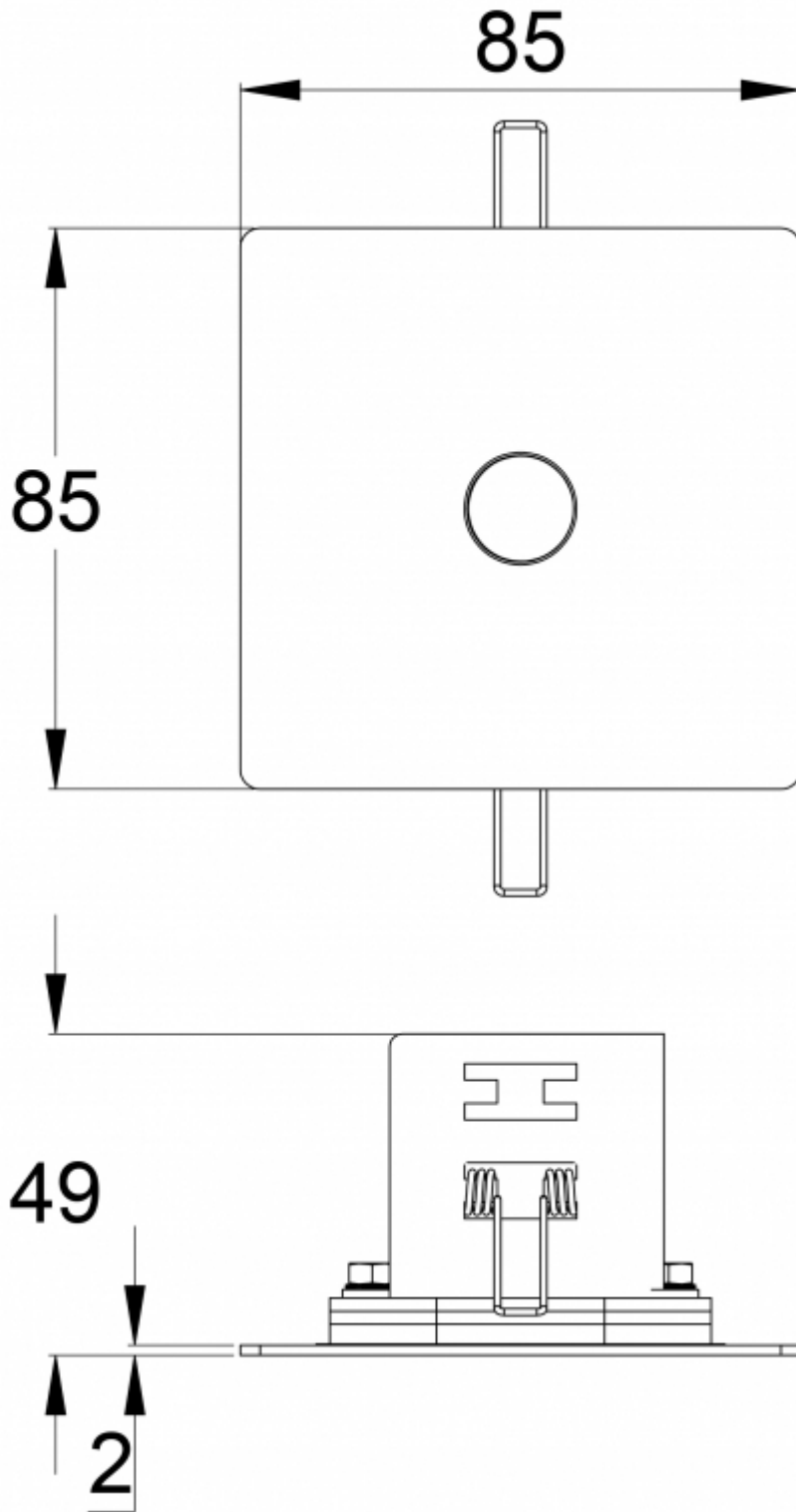


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1	4	6,5	6,5	4

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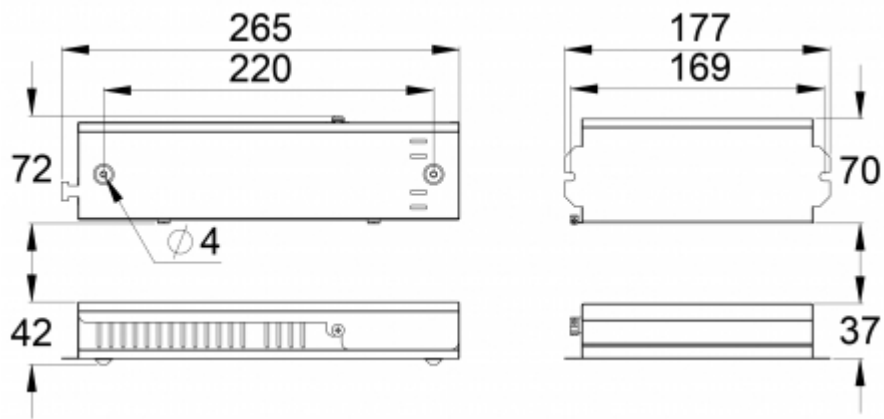




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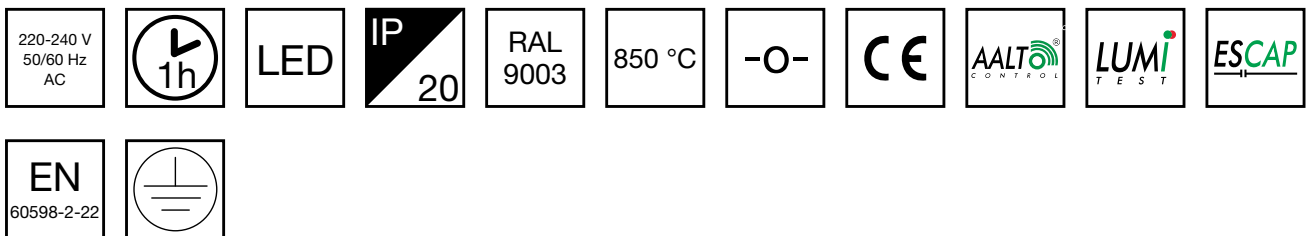


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WA4



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWSA292WA4
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045026121
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	65 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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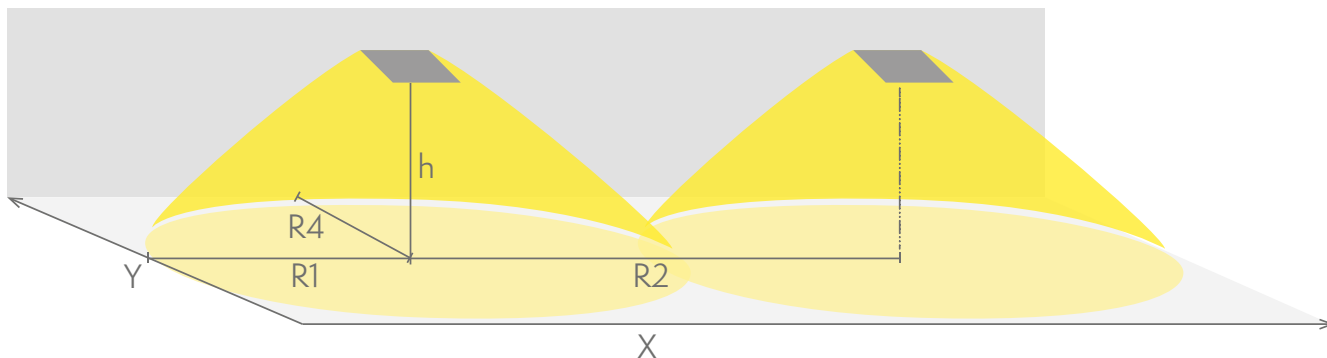
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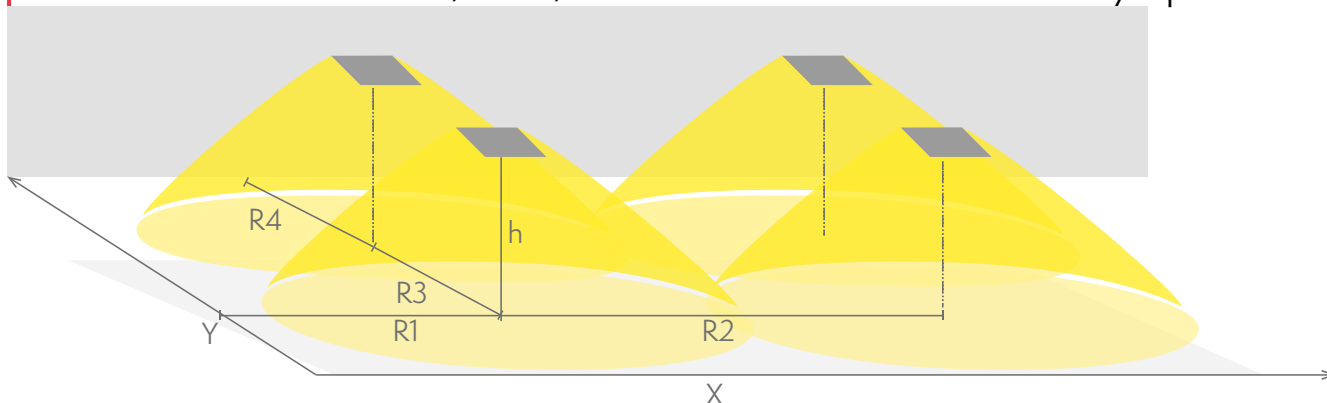
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WA4

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1,5	3	7	3
3	1	4	8	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WA4

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1,5	3	5	5	3

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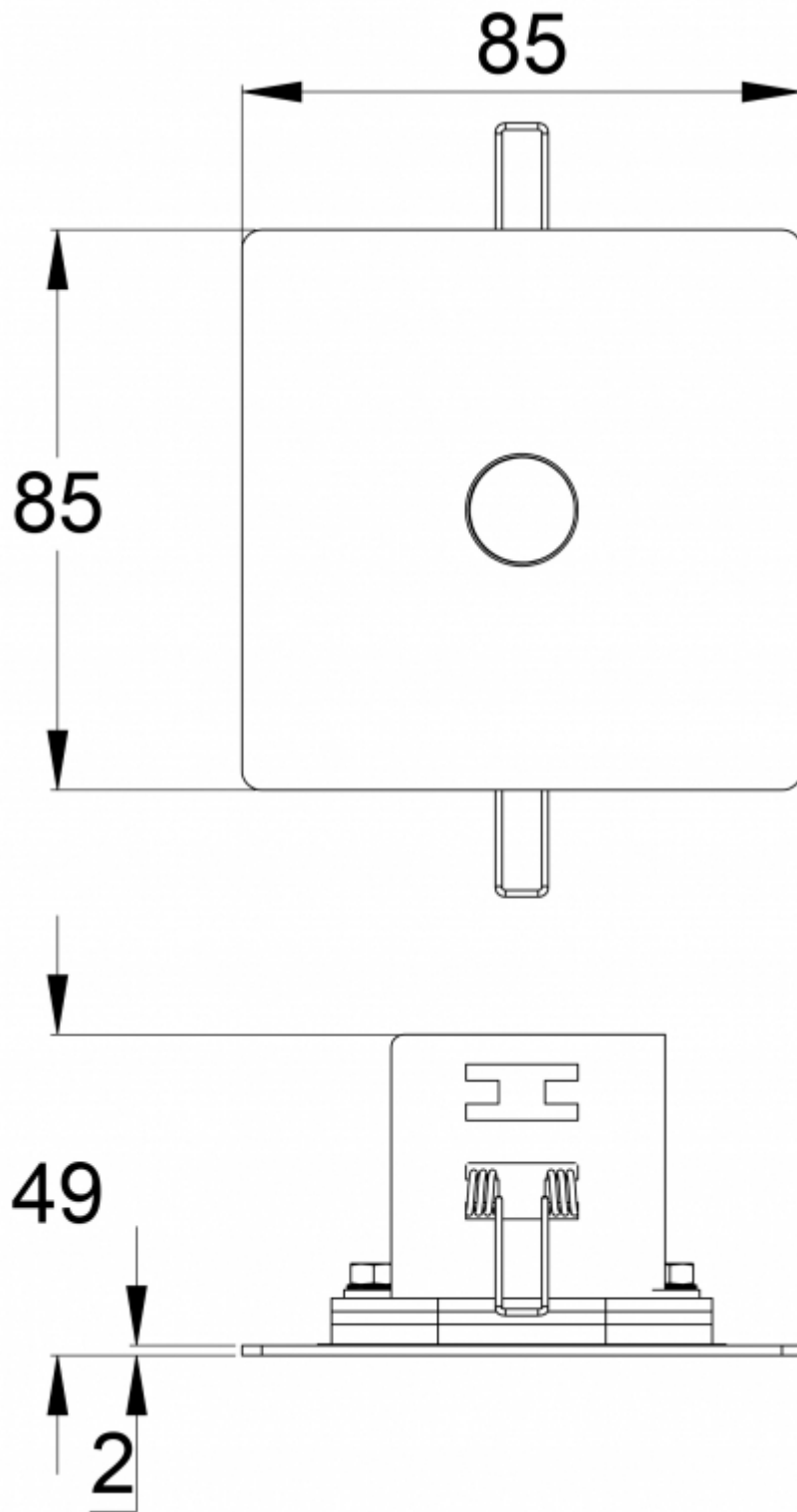


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1	4	6,5	6,5	4

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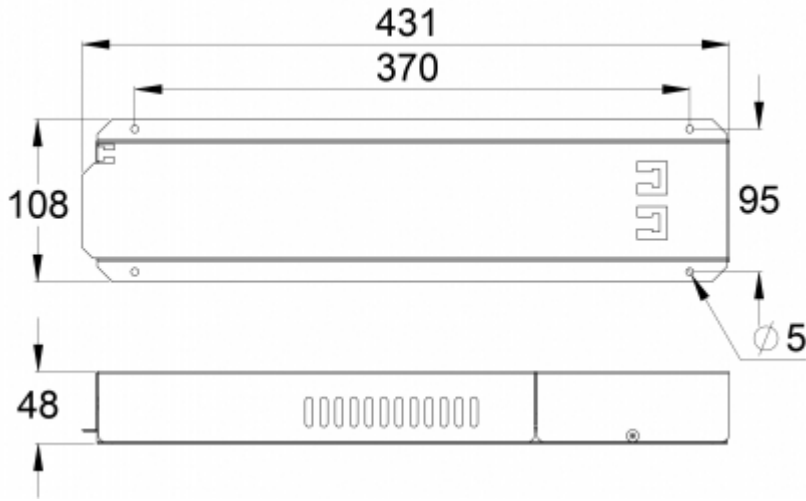




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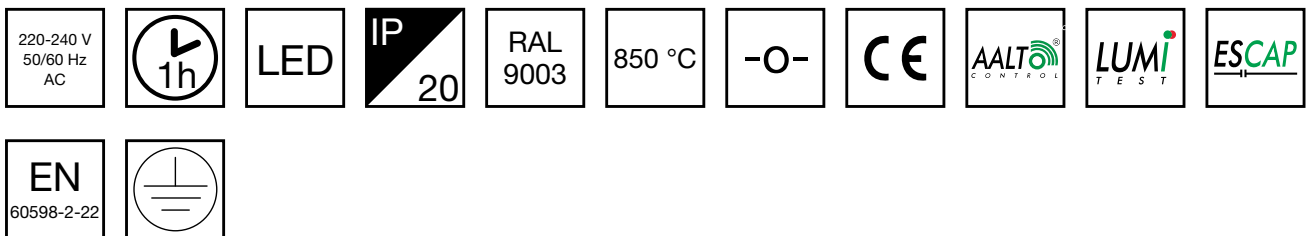


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WA5



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

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The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWSA292WA5
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045026138
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	80 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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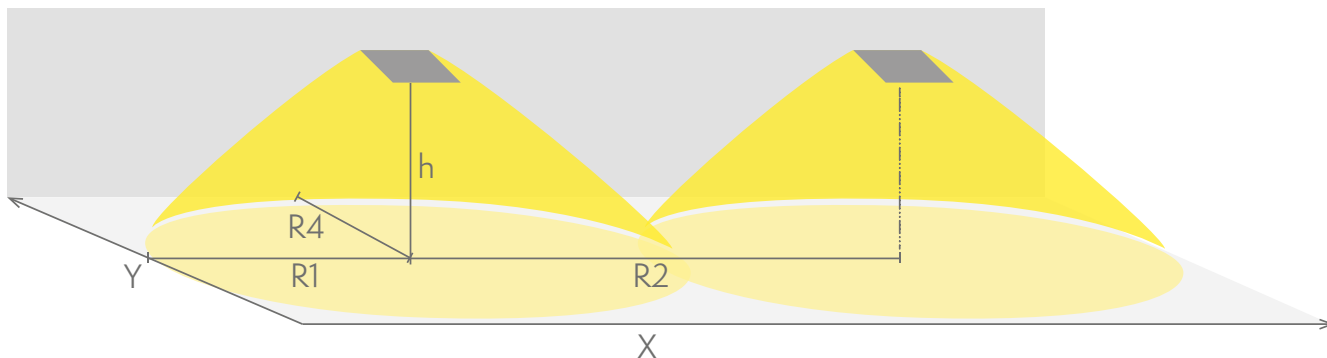
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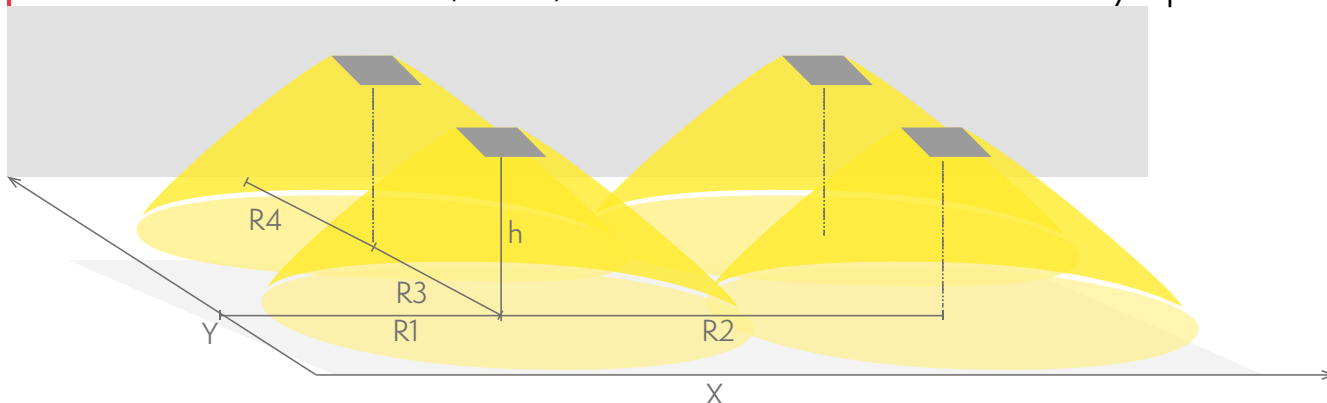
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WA5

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1.7	3	8	3
3	1.2	2.5	8	2.5

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WA5

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1.7	4	7.5	7.5	4

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Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1.2	4	8	8	4
4	0.7	3	8.5	8.5	3

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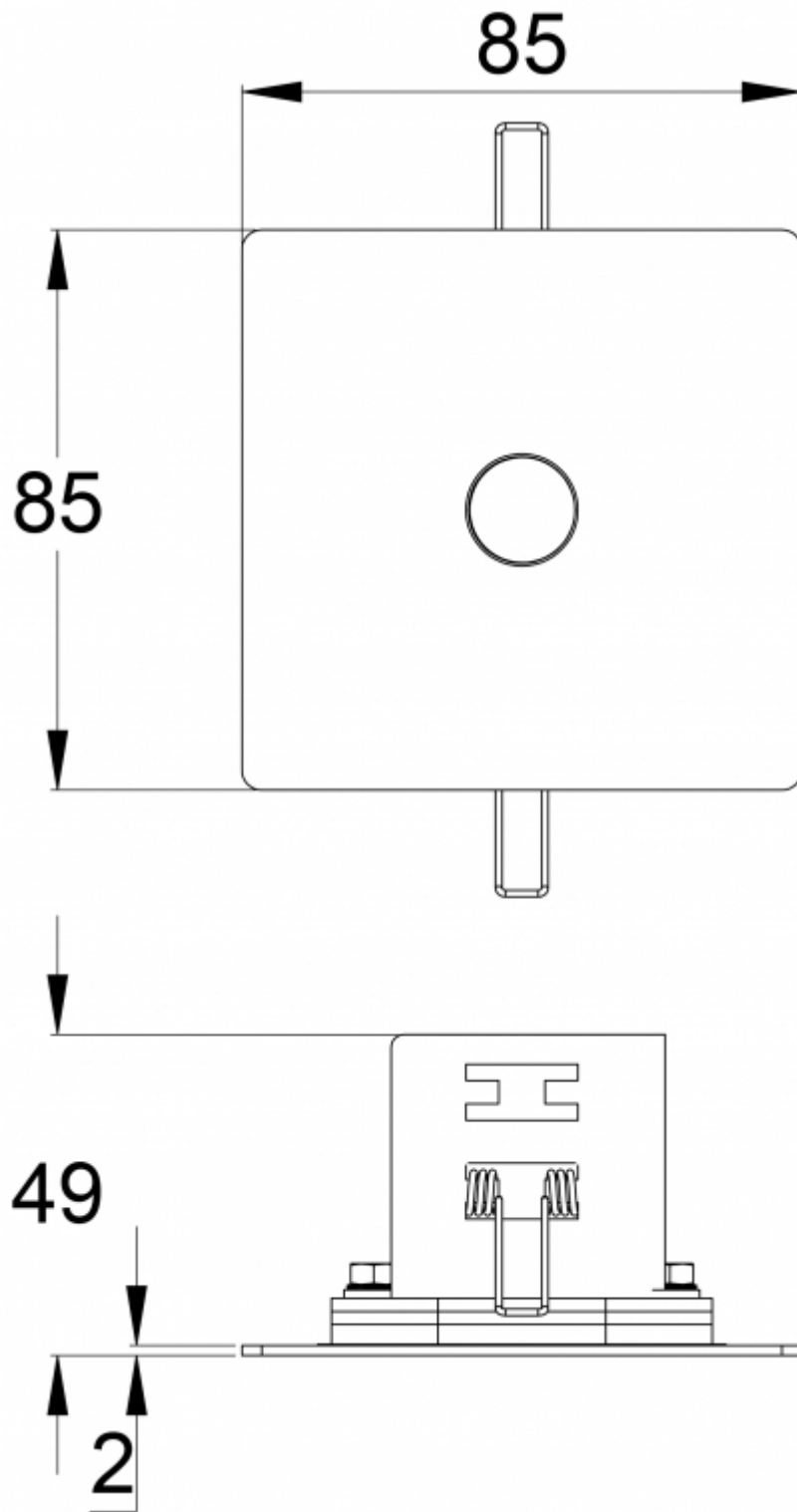
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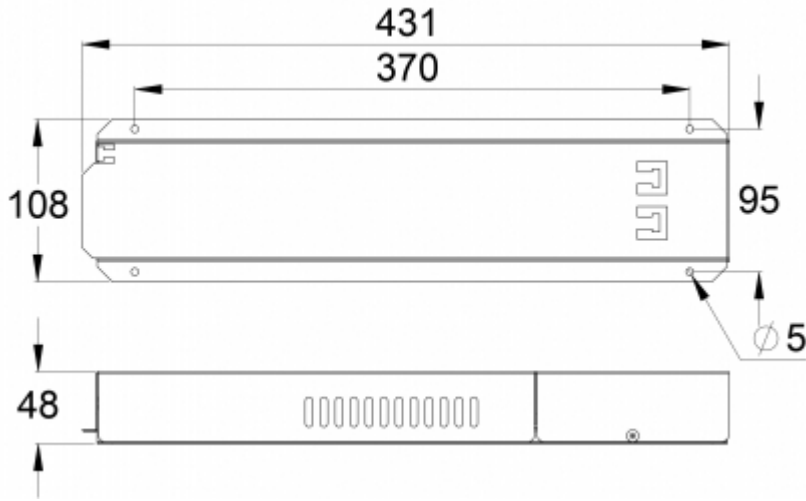
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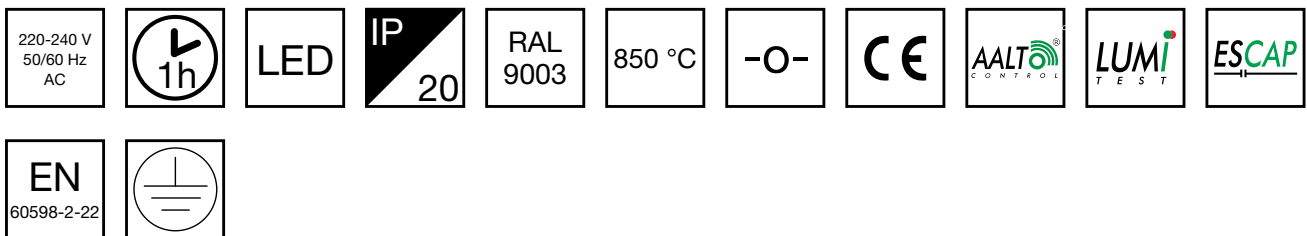


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WAC



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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www.teknoware.com/en/emergency-lighting/slimspot-ii-zone-lowbay-emergency-light-twsa292wac



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Product Code	TWSA292WAC
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024233
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	80 lm

Emergency lighting for escape routes (ceiling mounting)

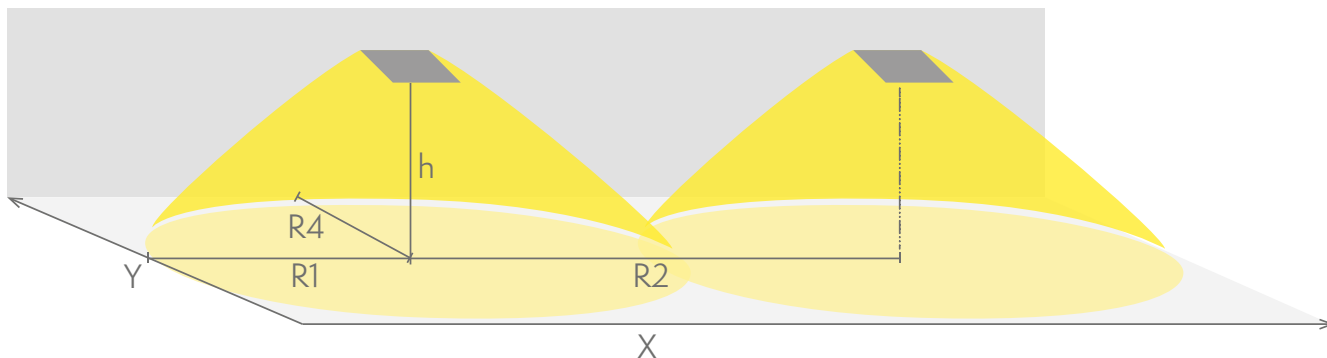
Table of 1 lux for escape routes in the middle line according to the norm EN 1838.

Level of measurement 0,02 m, measurement result with battery operation.

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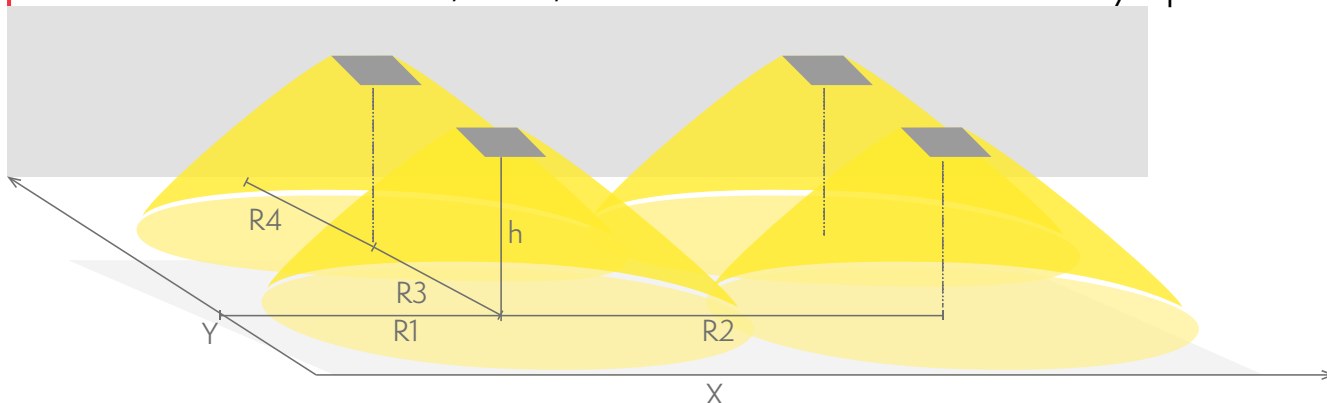
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WAC

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1.7	3	8	3
3	1.2	2.5	8	2.5

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WAC

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1.7	4	7.5	7.5	4

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Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1.2	4	8	8	4
4	0.7	3	8.5	8.5	3

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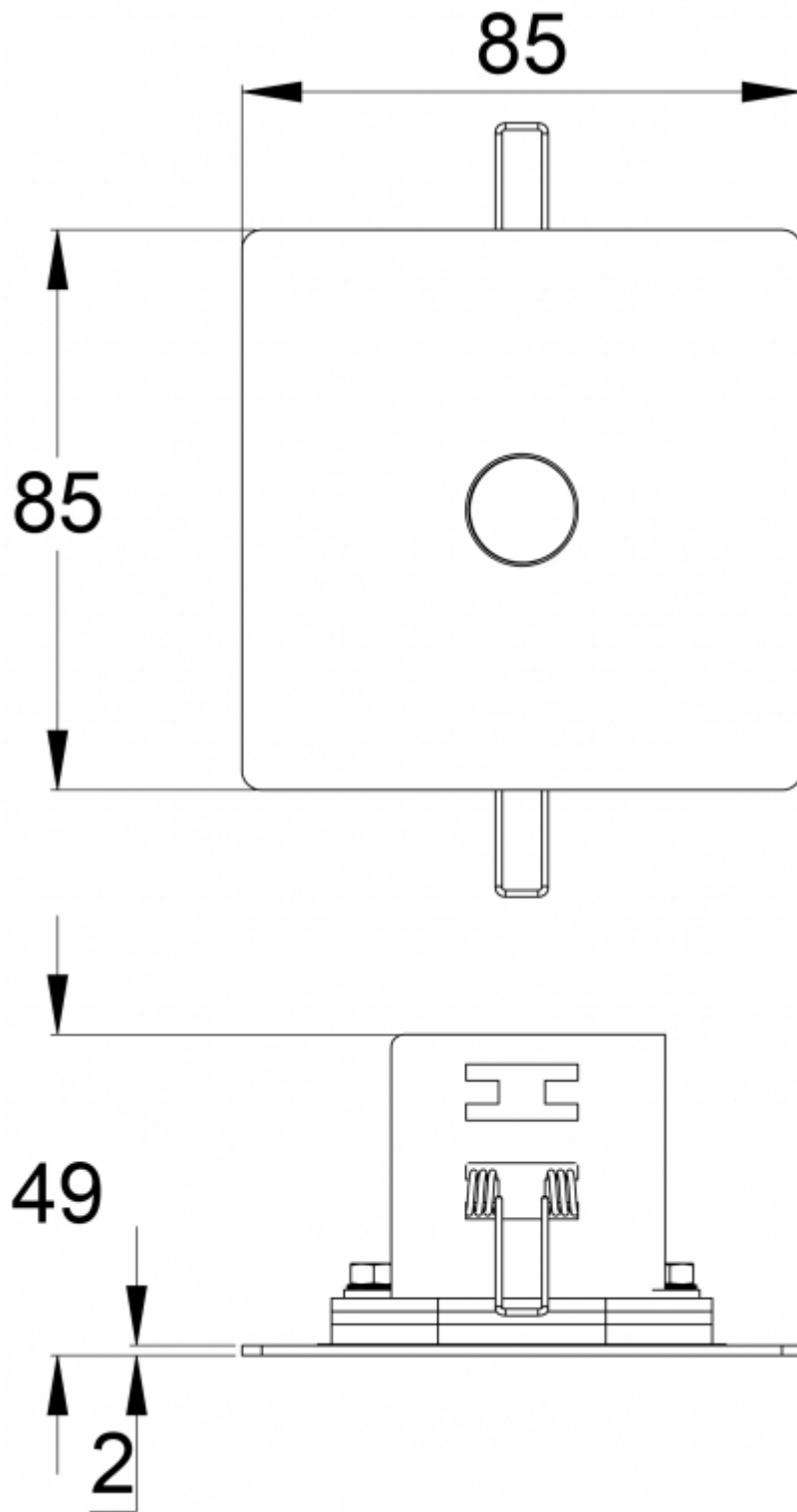
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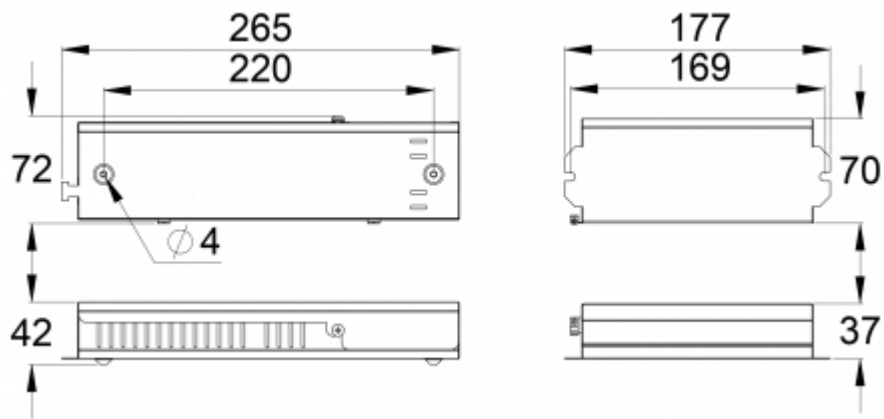
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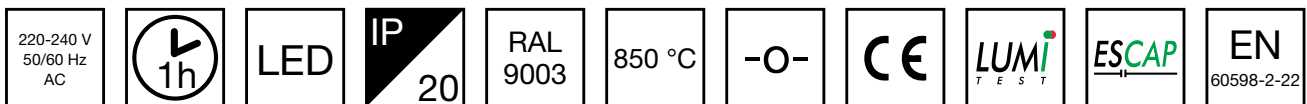


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WM



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWSA292WM
Feature	Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024240
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	65 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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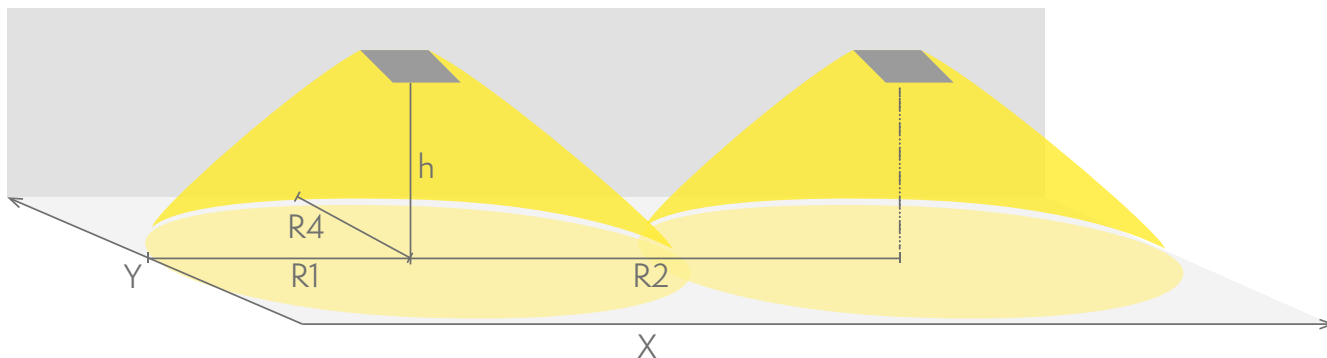
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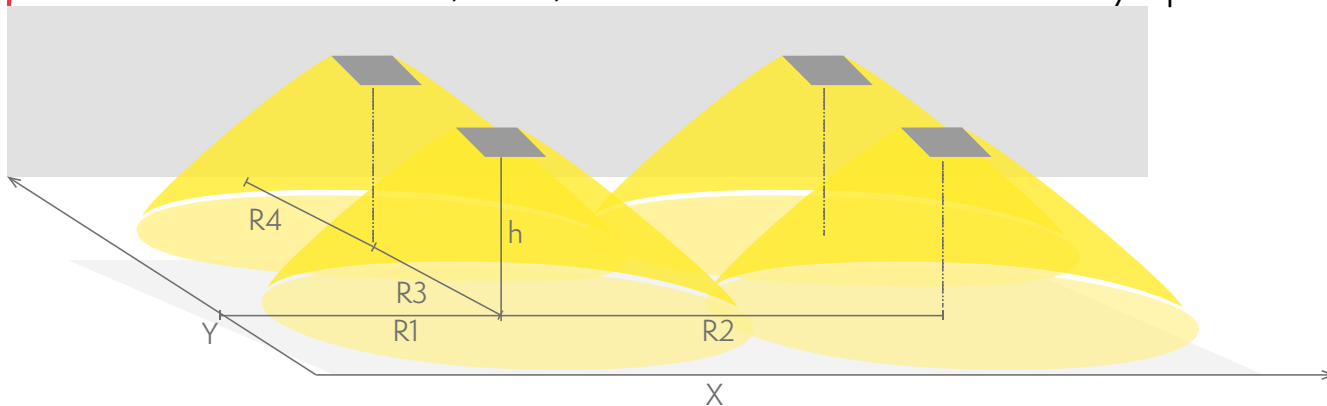
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1,5	3	7	3
3	1	4	8	4

Emergency lighting for open areas (ceiling mounting)

Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
 Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1,5	3	5	5	3

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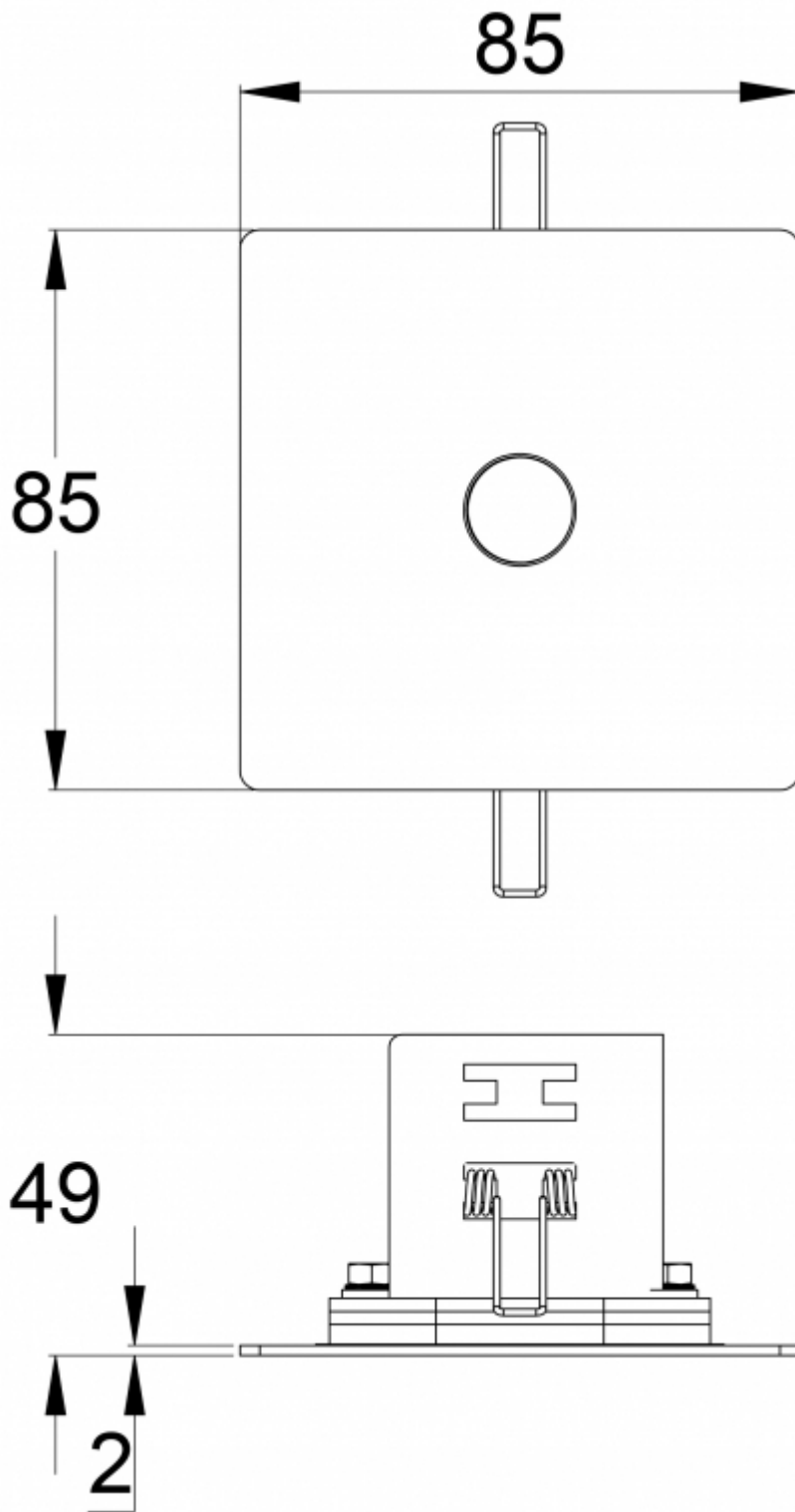


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1	4	6,5	6,5	4

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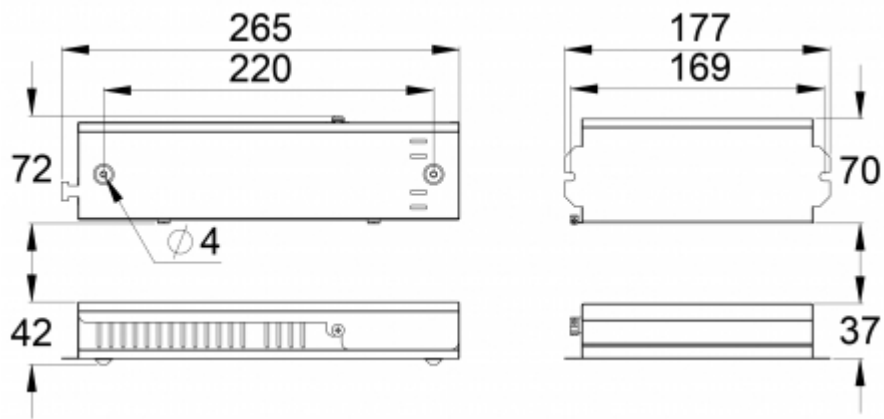




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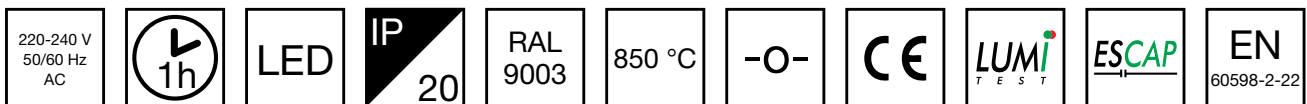


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WM4



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWSA292WM4
Feature	Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045026145
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	65 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.

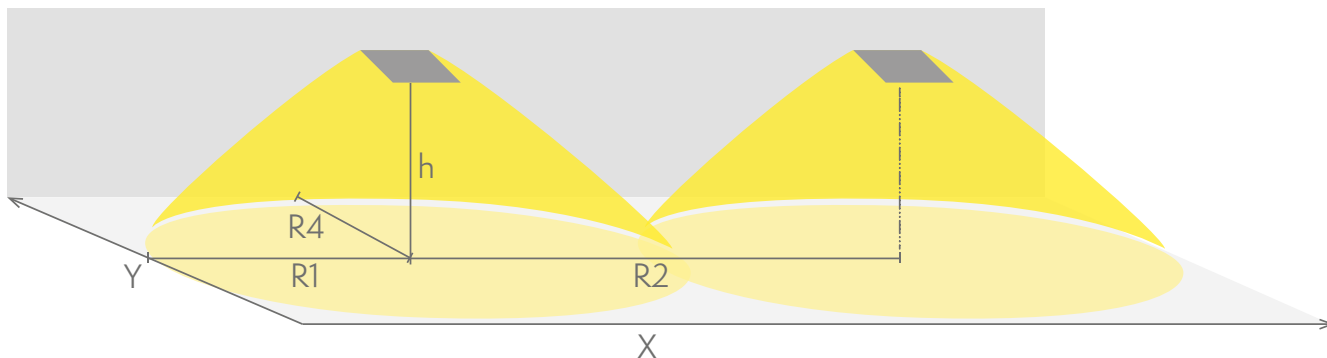
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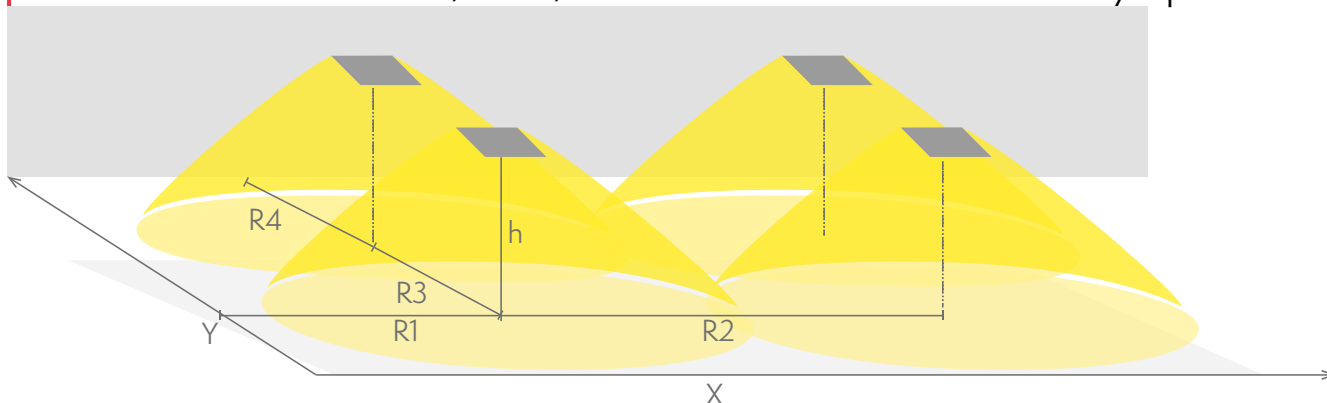
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WM4

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1,5	3	7	3
3	1	4	8	4

Emergency lighting for open areas (ceiling mounting)

Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
 Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WM4

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1,5	3	5	5	3

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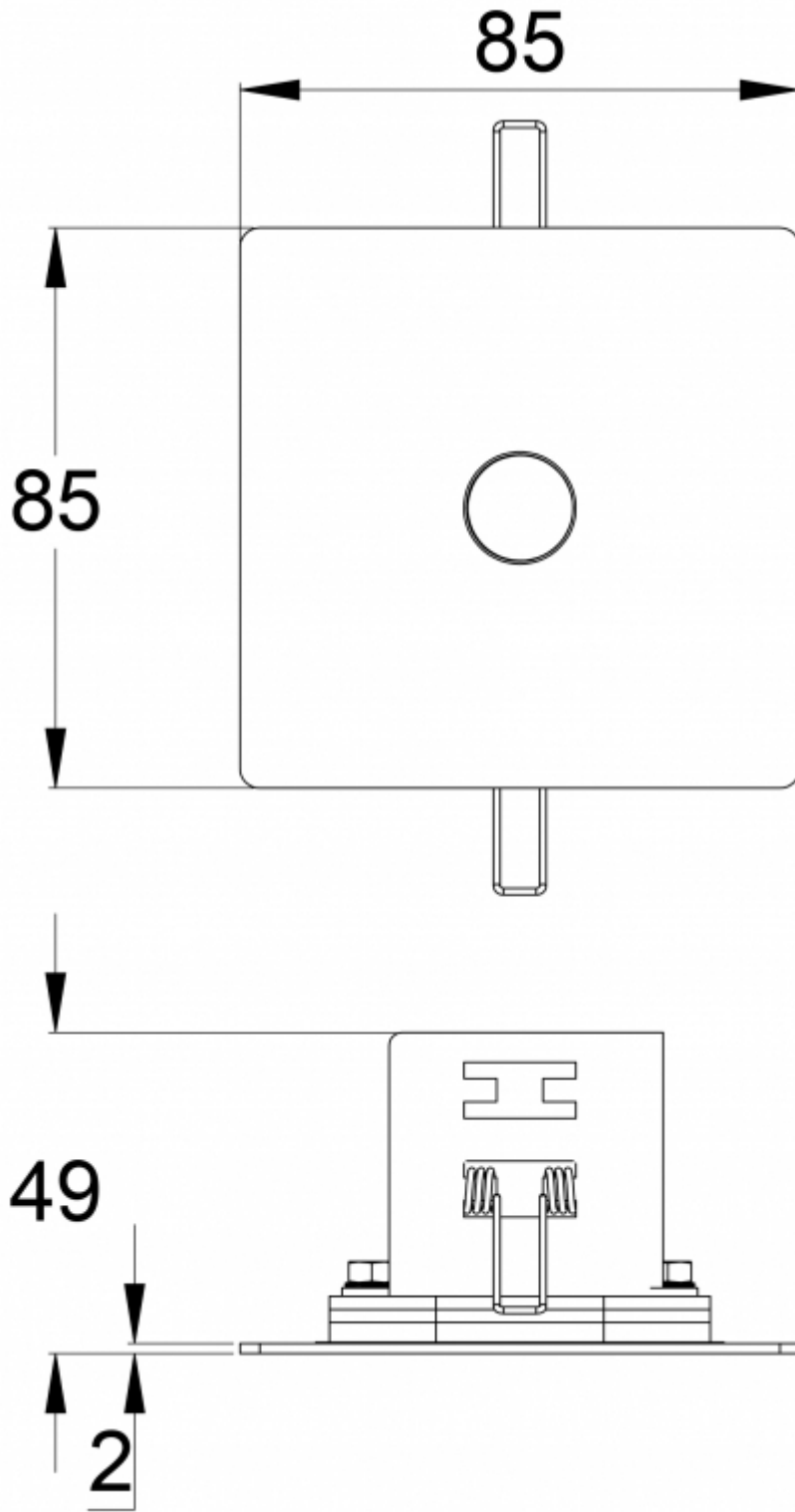


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1	4	6,5	6,5	4

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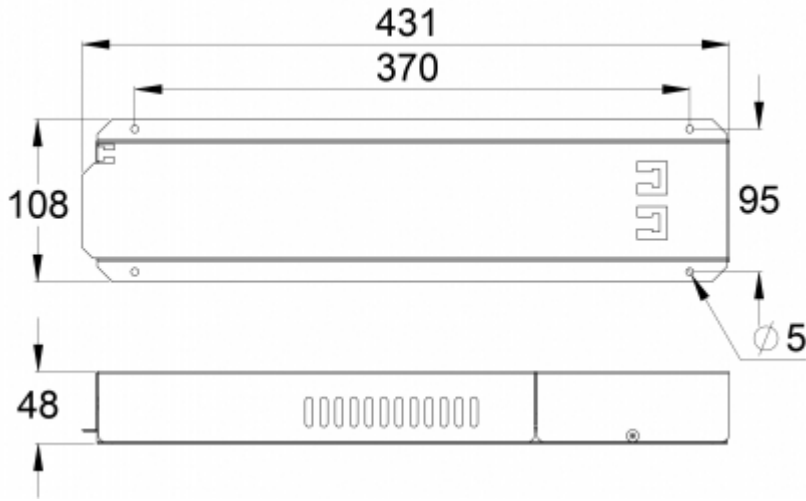




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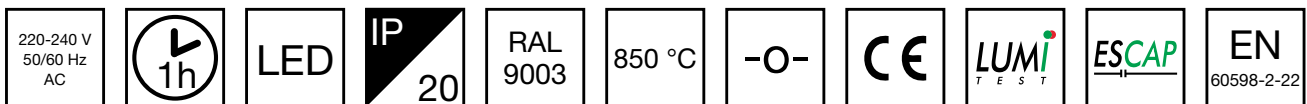


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WM5



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWSA292WM5
Feature	Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045026152
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	80 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.

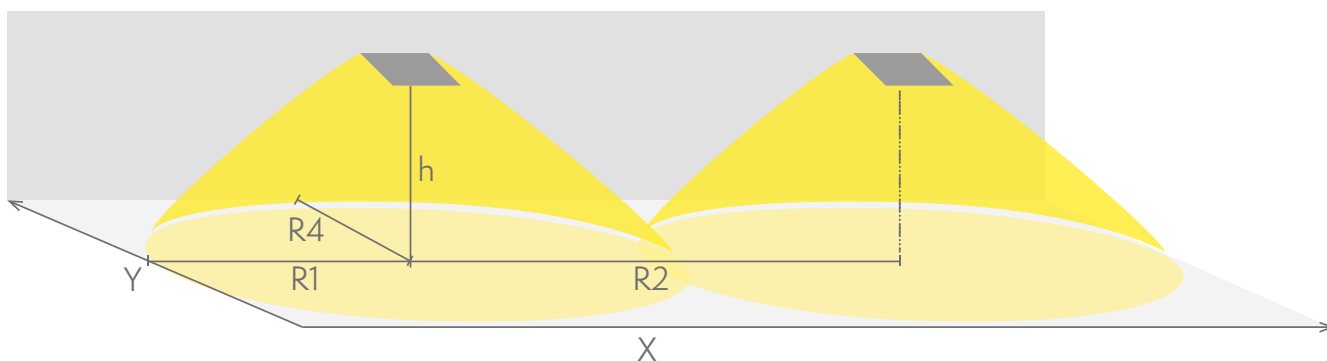
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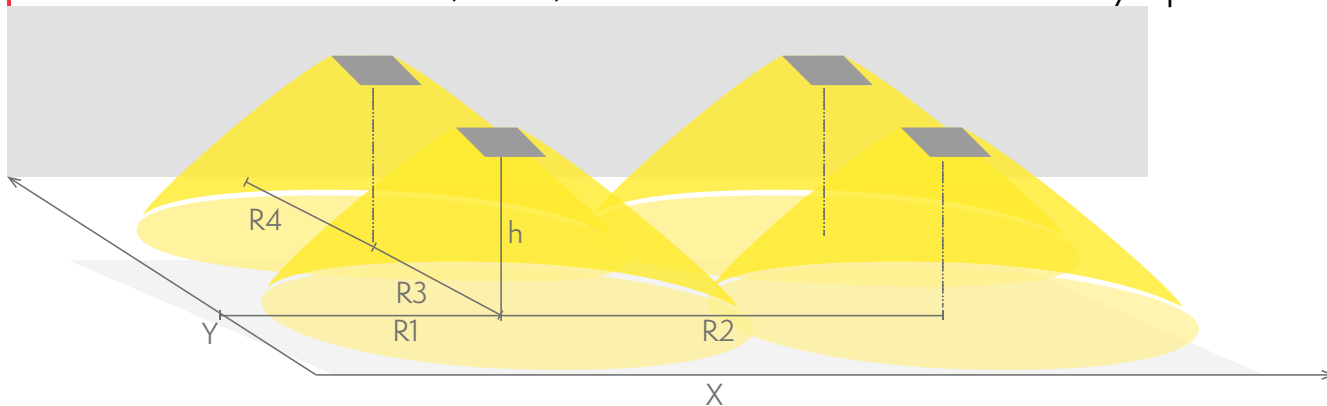
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WM5

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1.7	3	8	3
3	1.2	2.5	8	2.5

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WM5

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1.7	4	7.5	7.5	4

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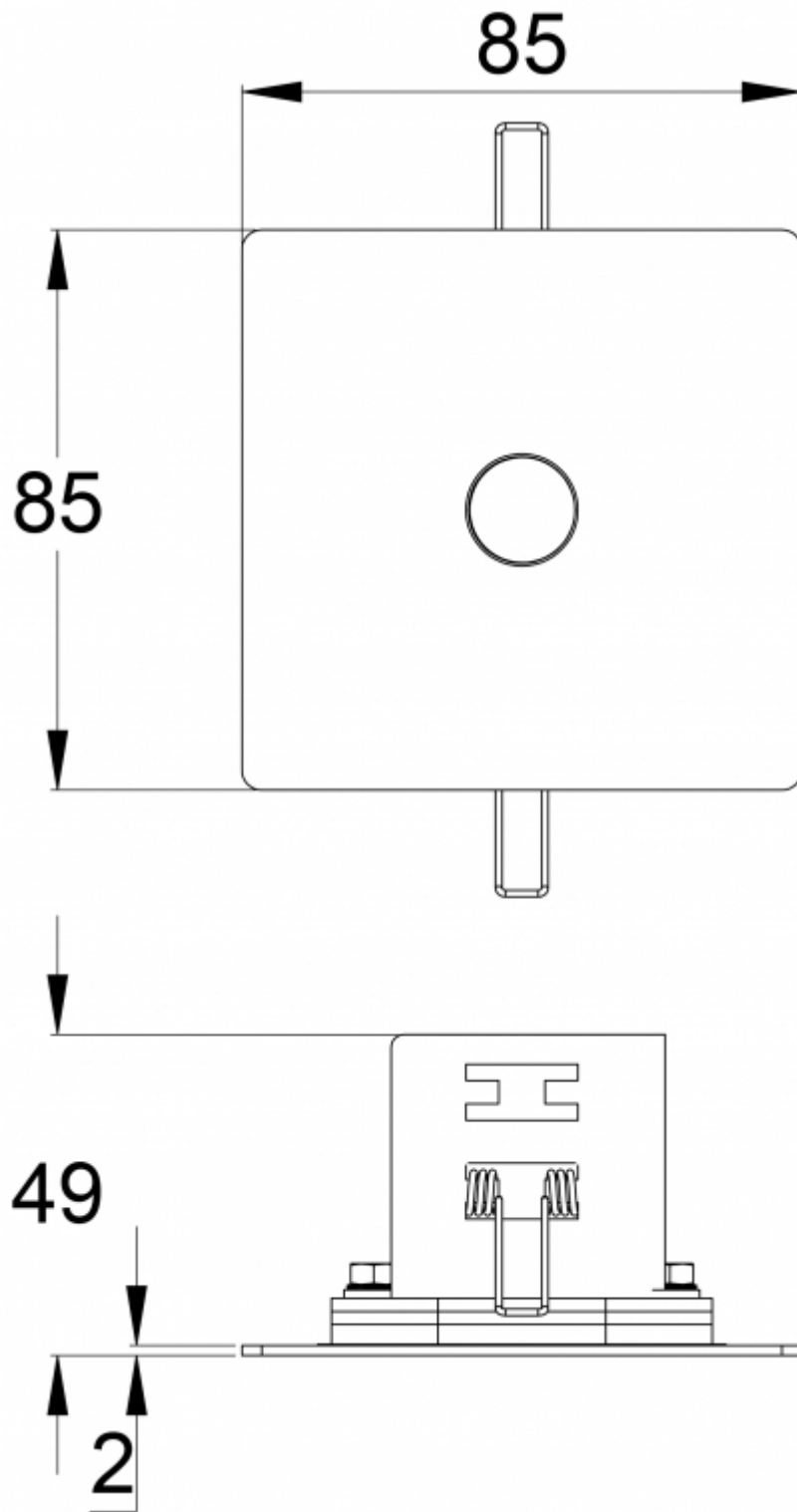


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1.2	4	8	8	4
4	0.7	3	8.5	8.5	3

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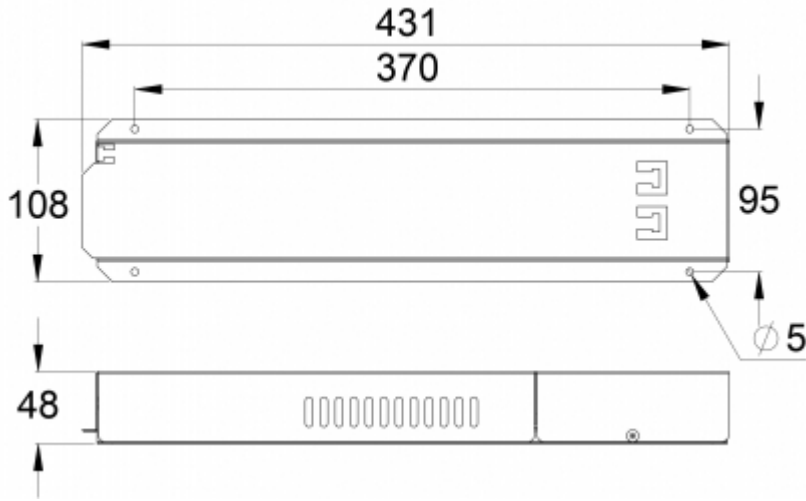
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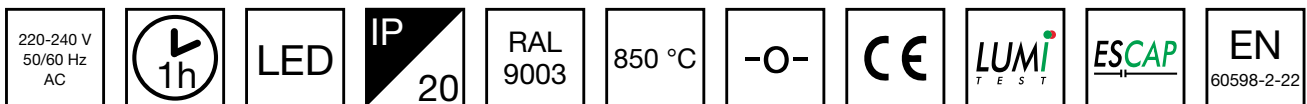


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWSA292WMC



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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www.teknoware.com/en/emergency-lighting/slimspot-ii-zone-lowbay-emergency-light-twsa292wmc



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

Product Code	TWSA292WMC
Feature	Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024257
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	80 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.

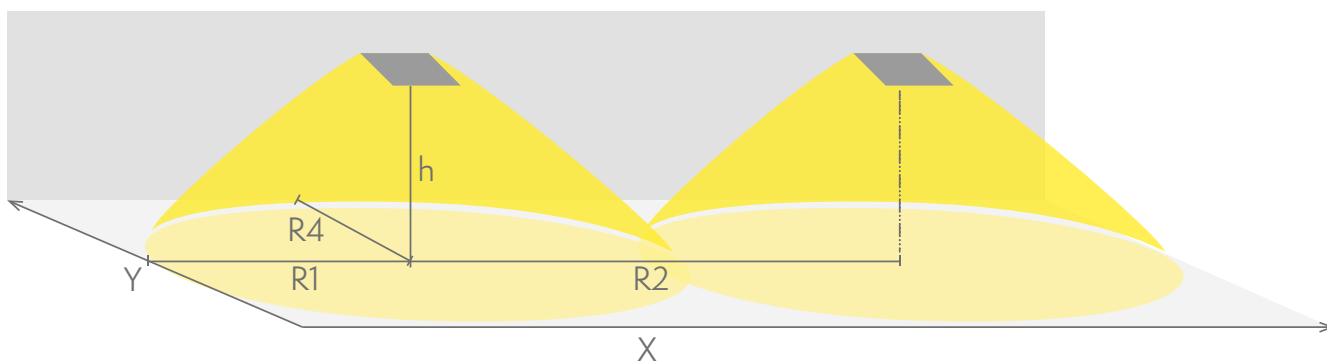
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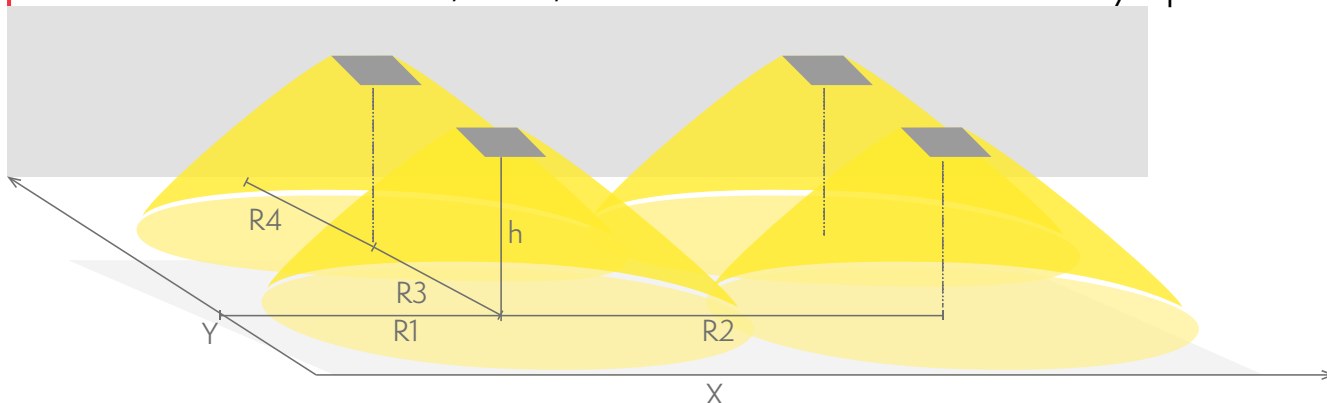
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWSA292WMC

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	1.7	3	8	3
3	1.2	2.5	8	2.5

Emergency lighting for open areas (ceiling mounting)

Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
 Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWSA292WMC

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	1.7	4	7.5	7.5	4

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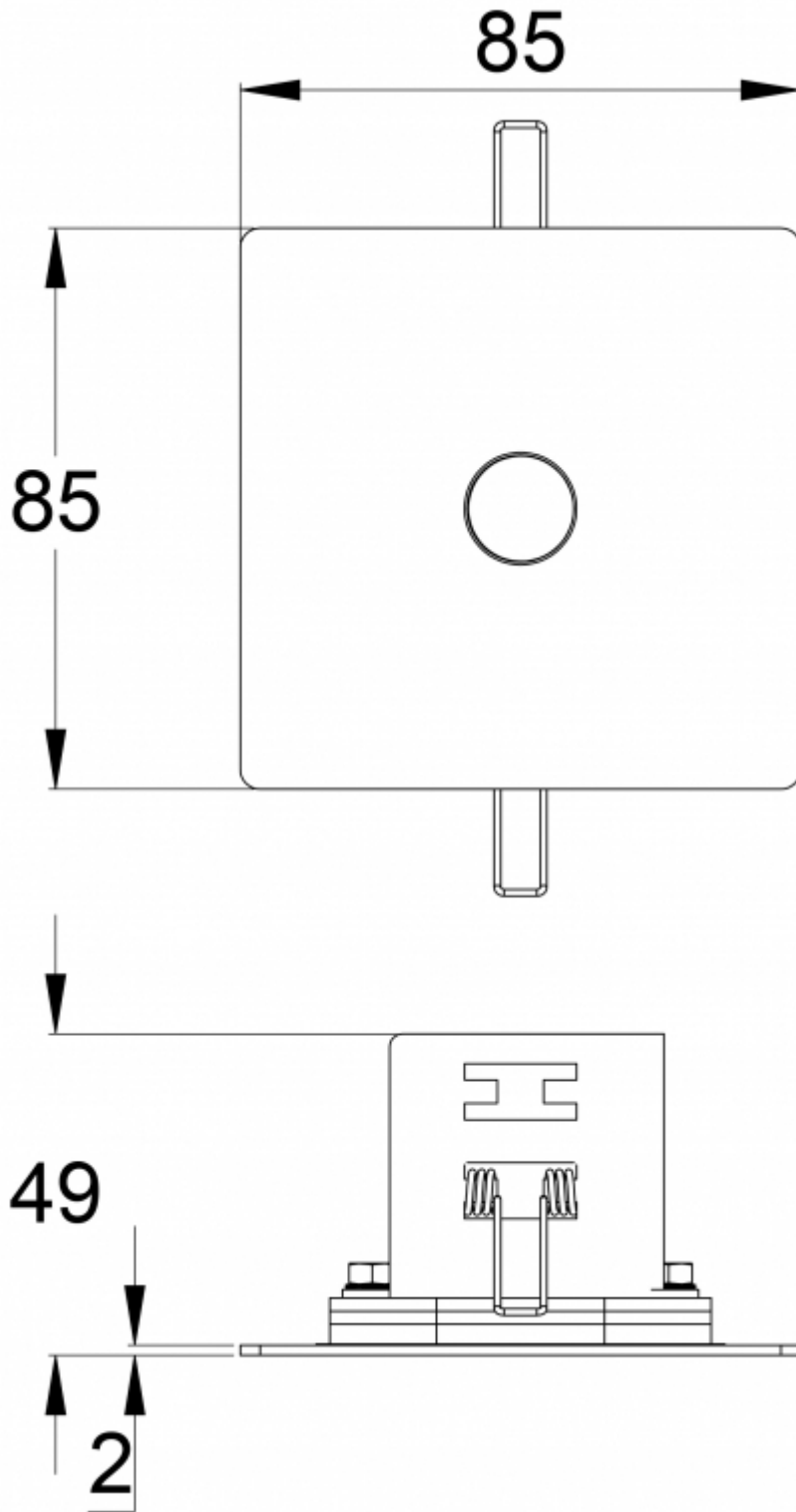


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
3	1.2	4	8	8	4
4	0.7	3	8.5	8.5	3

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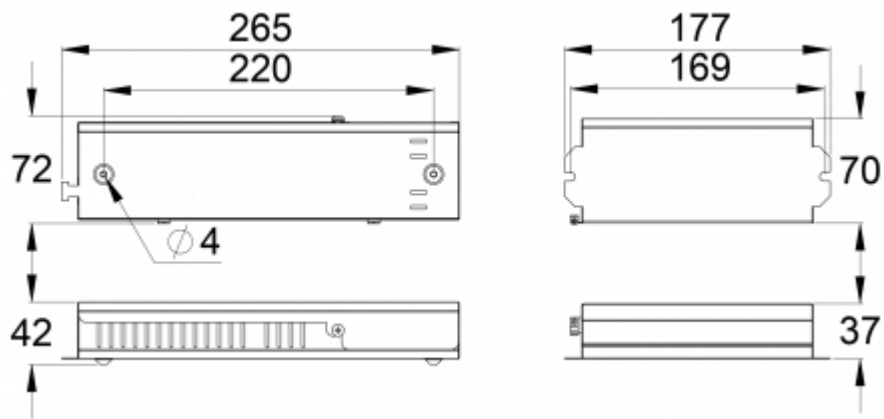
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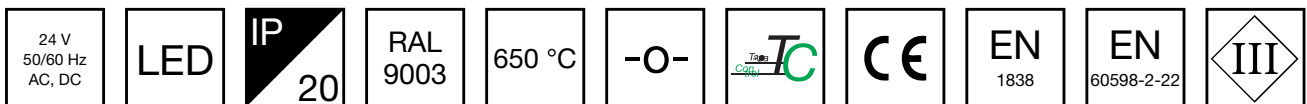


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA241WK



Addressable 24 V centrally supplied emergency light

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

Product Code	TWTA241WK
Feature	Tapsa Control
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045025711
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.4 kg
Max Input Power VA	3 VA
Max Input Power W	3,0 W
Nominal Supply Voltage	24 V, 50/60 Hz AC, DC
Protection Class	III
IP Class	IP20
Temperature Range Min - Max	-30...+50 °C
Glow Wire Test of Plastic Materials	650 °C
Light Source	LED
Body Material	metal
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	2 x 2,5 mm ²
Luminous Flux	200 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.

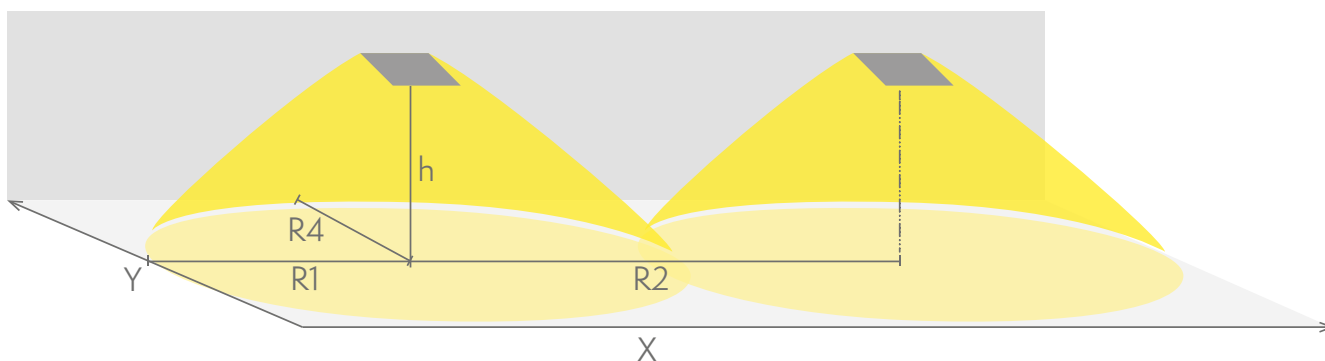
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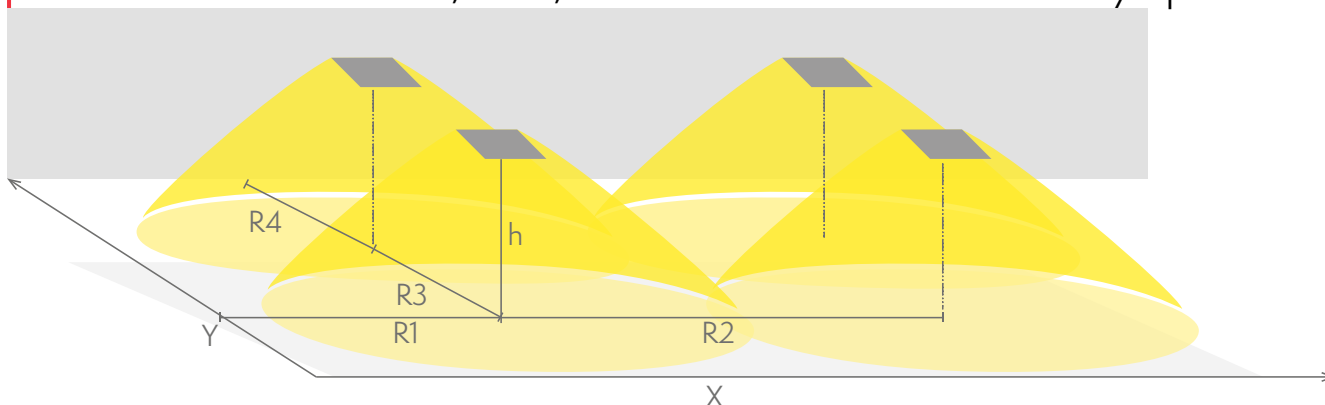
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA241WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA241WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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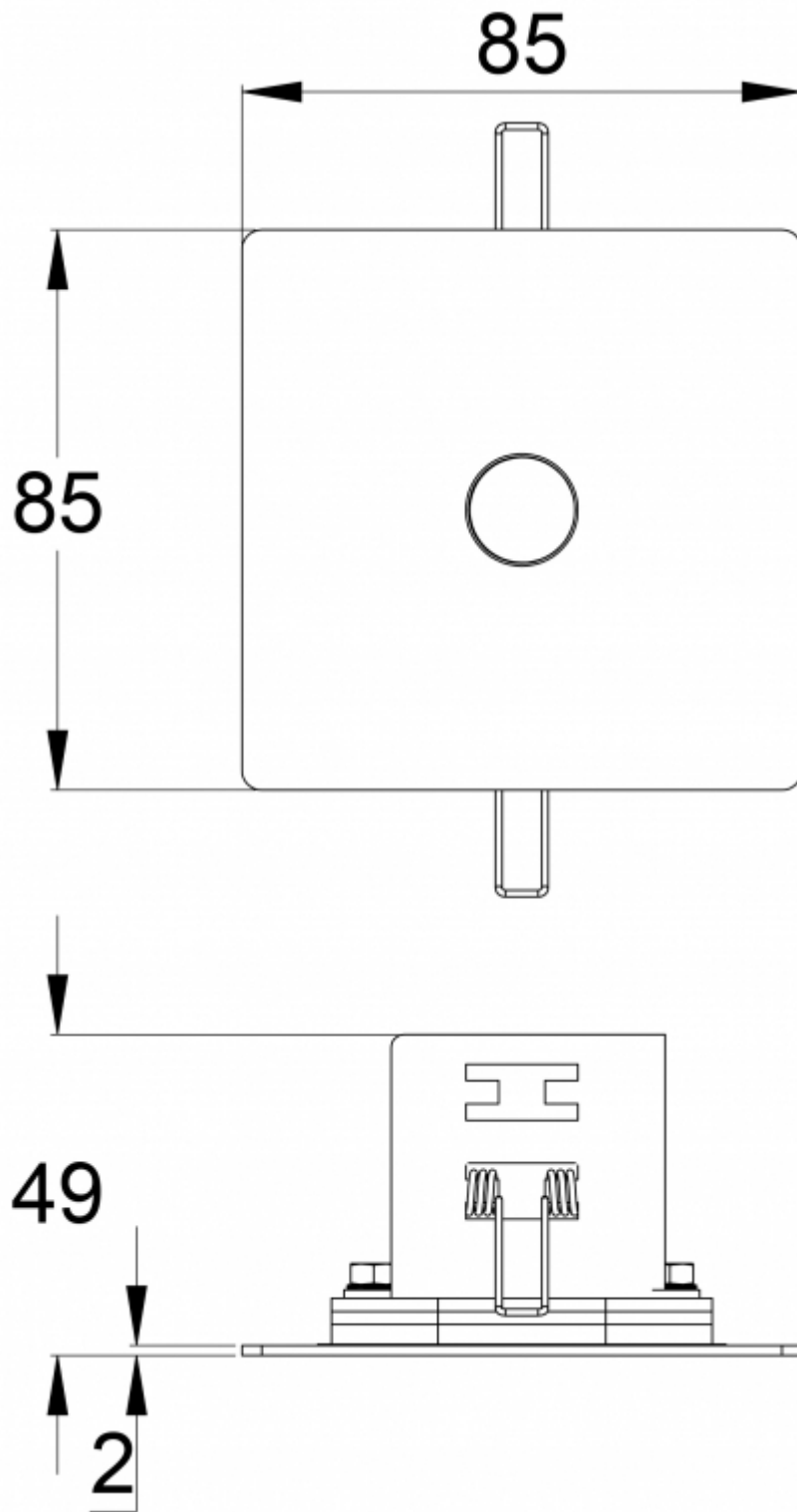


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1.7	6	11	11	6

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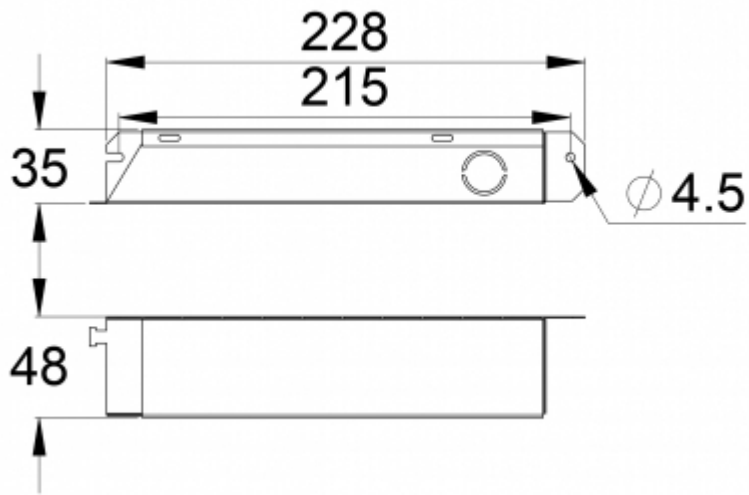




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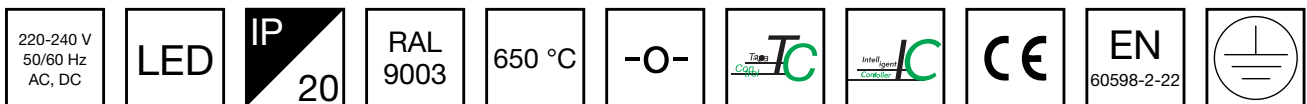


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA251WK



Addressable 230 V centrally supplied emergency light

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWTA251WK
Feature	Intelligent Controller, Tapsa Control
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024806
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.4 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	200 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.

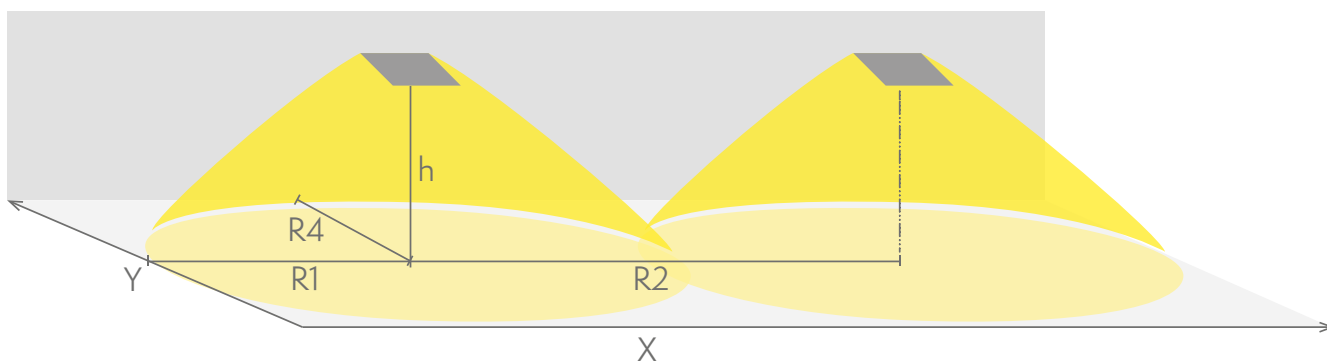
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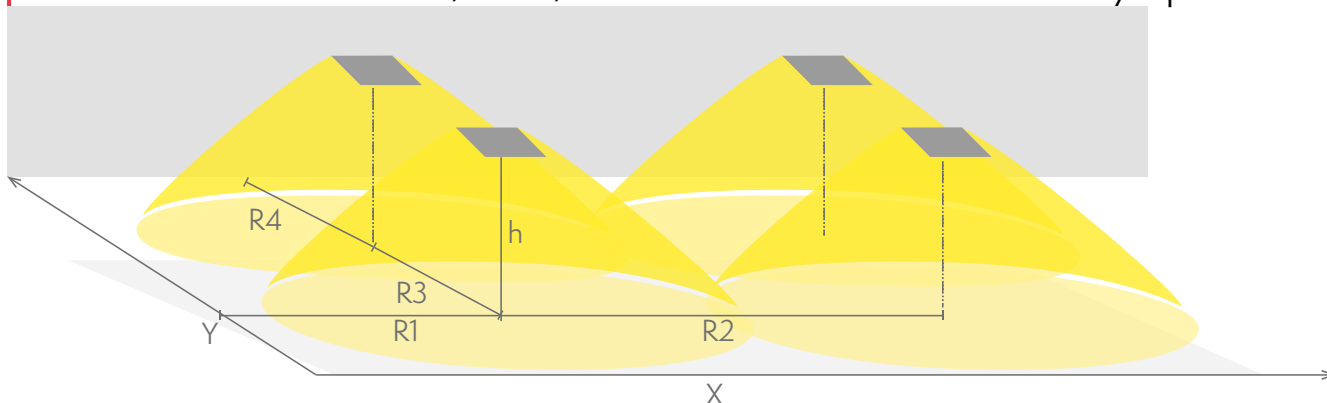
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA251WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA251WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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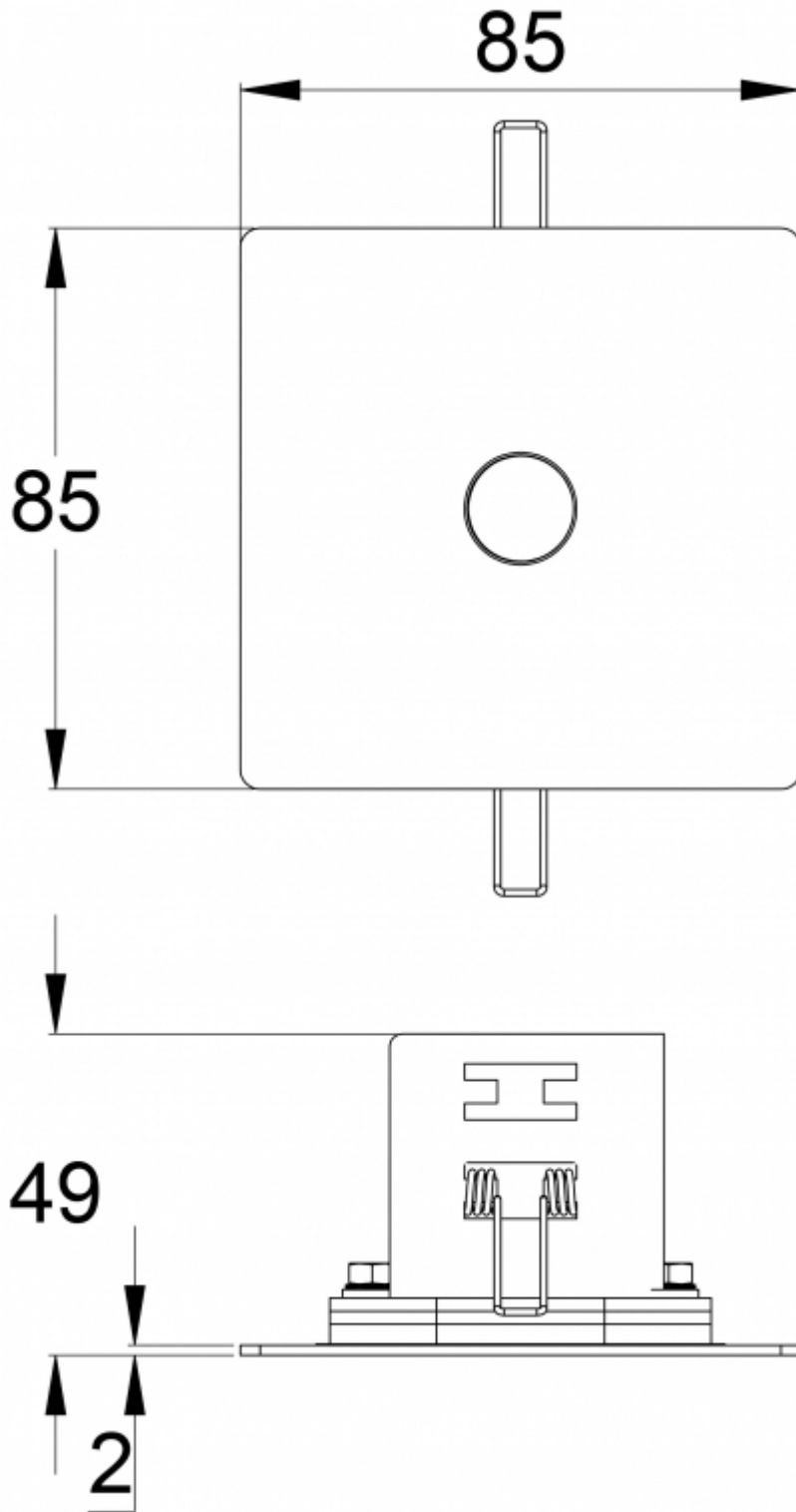


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1.7	6	11	11	6

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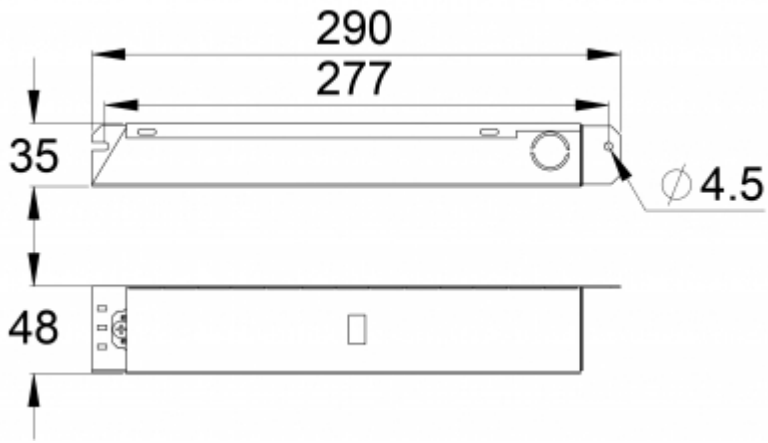




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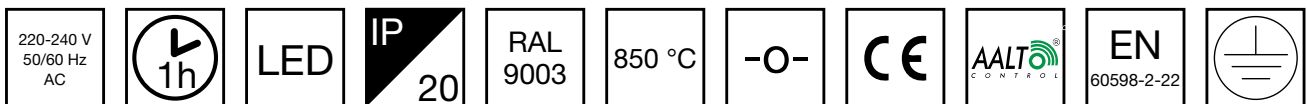


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA252WA



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWTA252WA
Feature	Aalto Control
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024844
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.6 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	0...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	200 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.

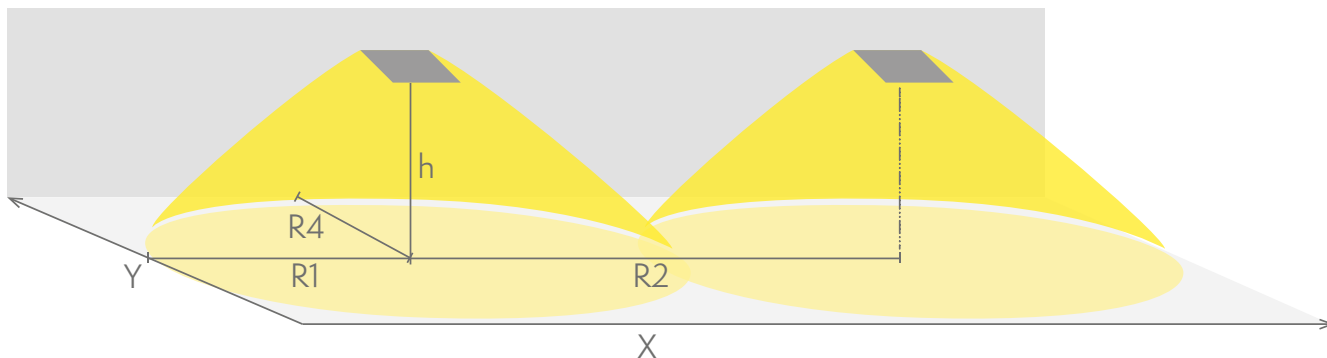
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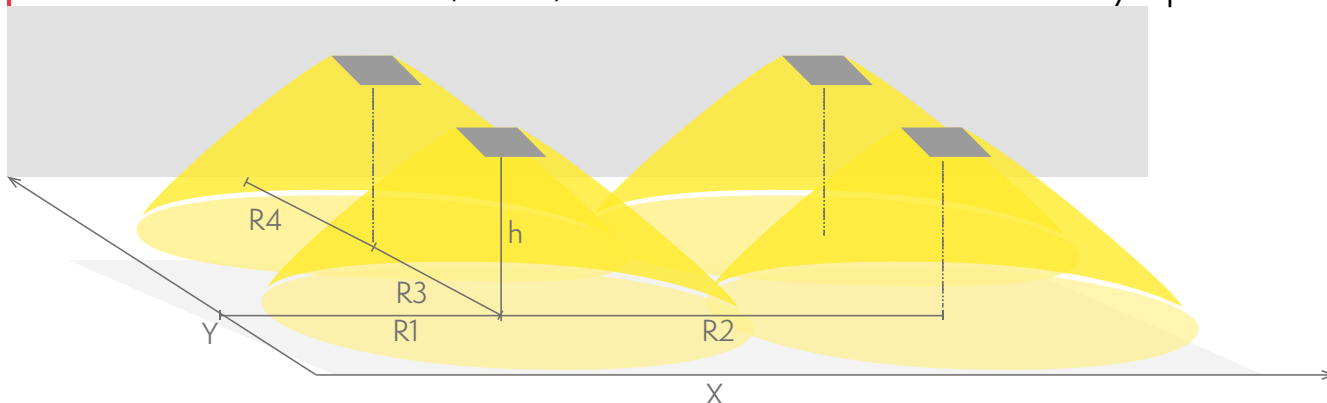
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA252WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA252WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1.7	6	11	11	6

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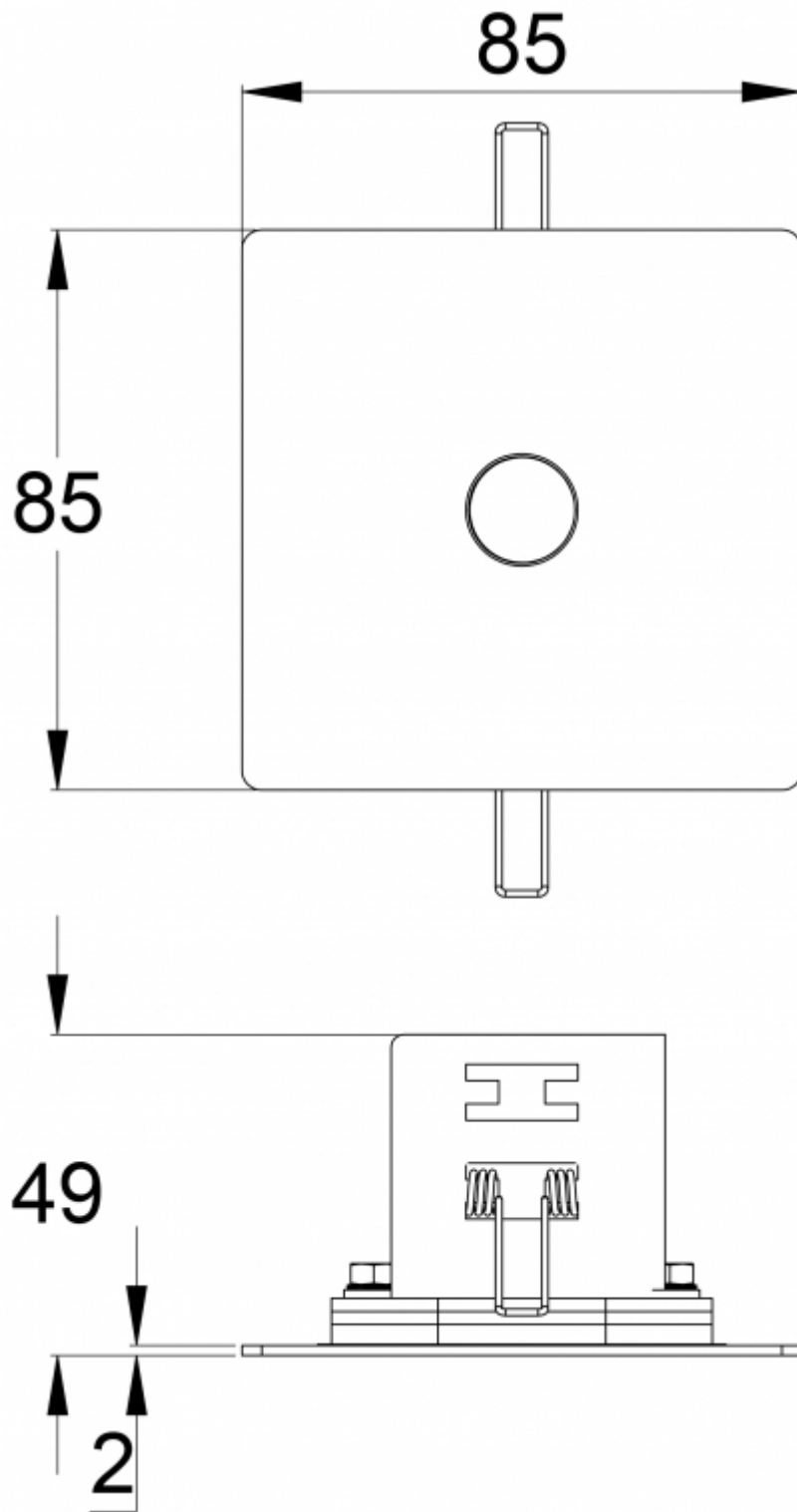
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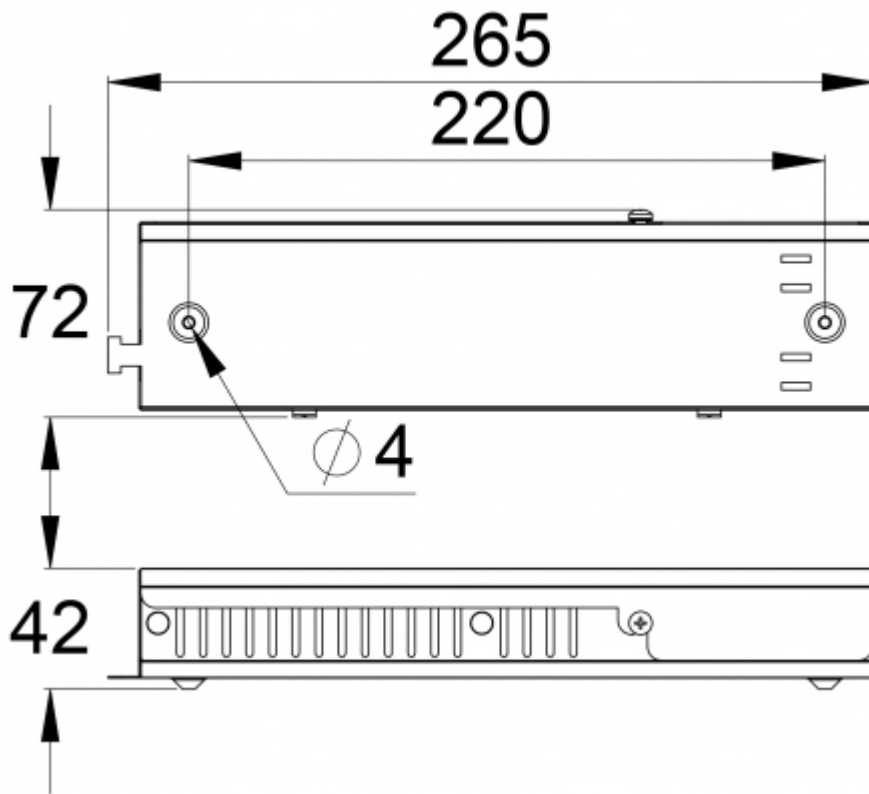
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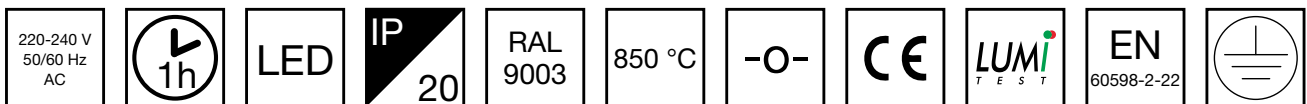


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA252WM



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWTA252WM
Feature	Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024882
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.6 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	0...+35 °C
Glow Wire Test of Plastic Materials	850 °C
Light Source	LED
Body Material	metal
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	200 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.

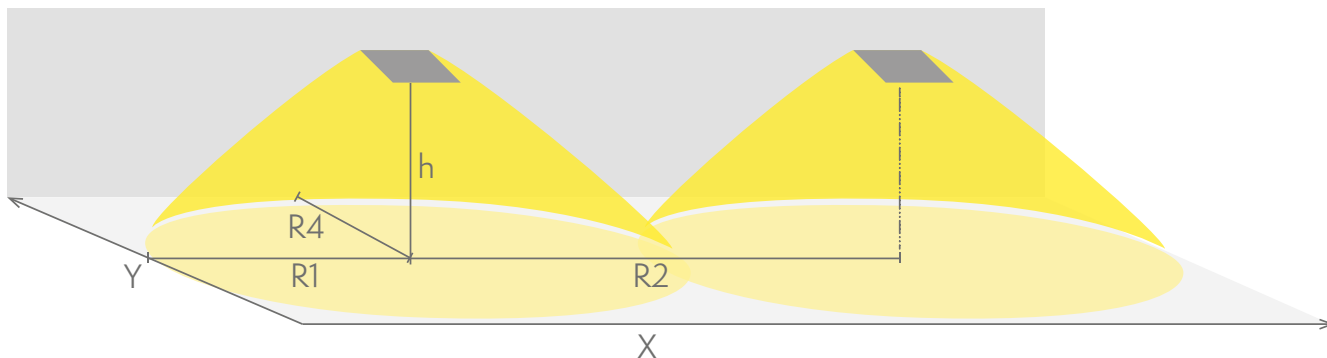
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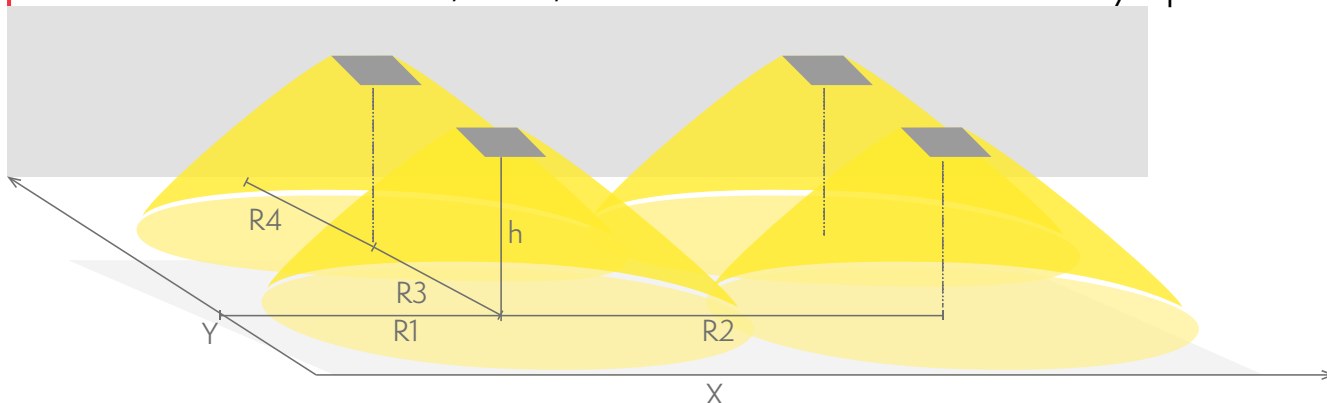
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA252WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA252WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1.7	6	11	11	6

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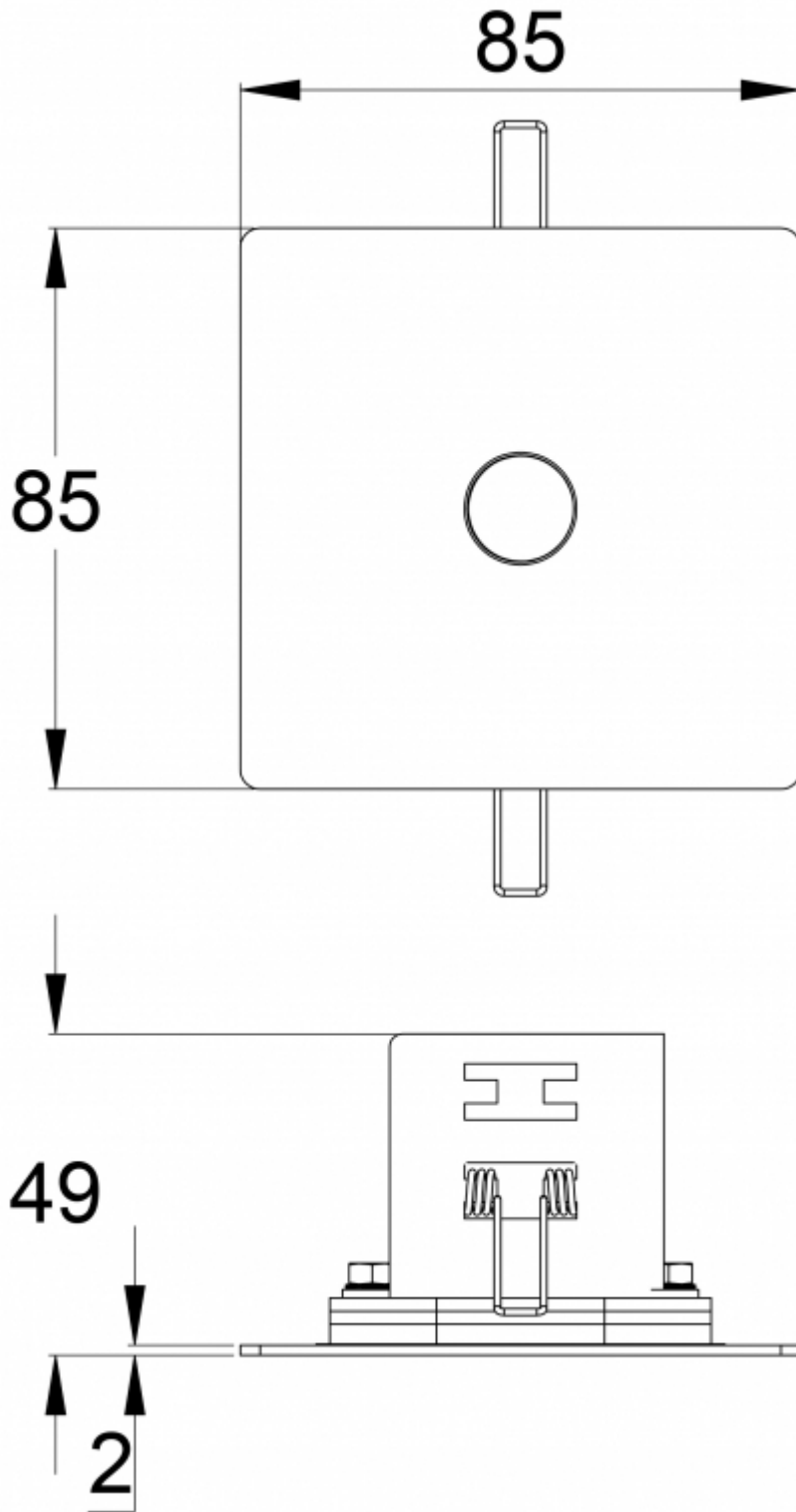
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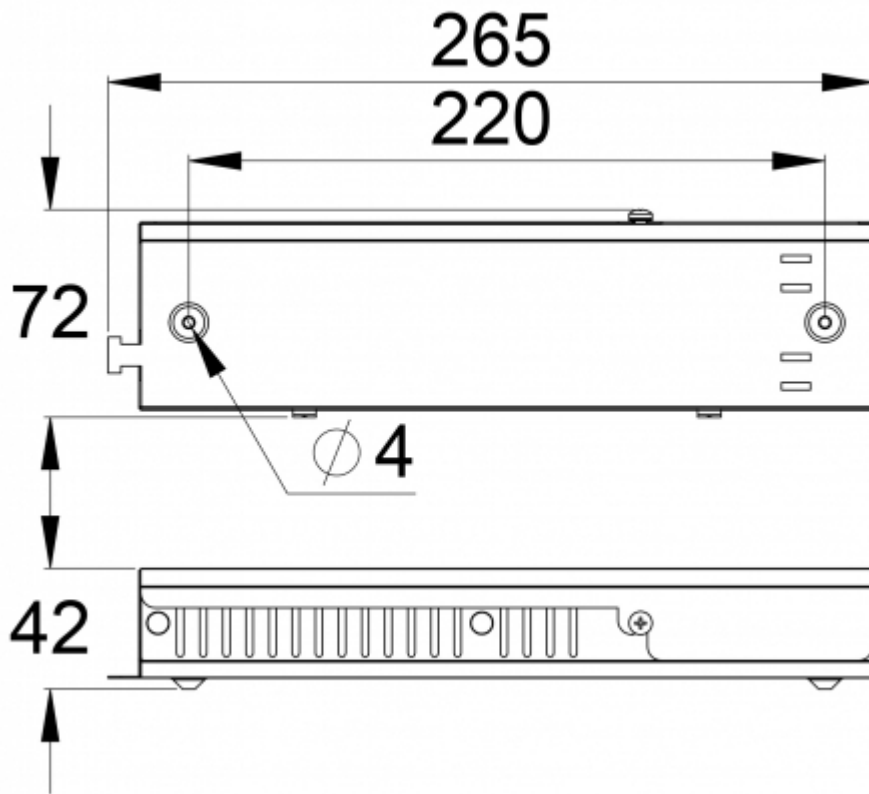
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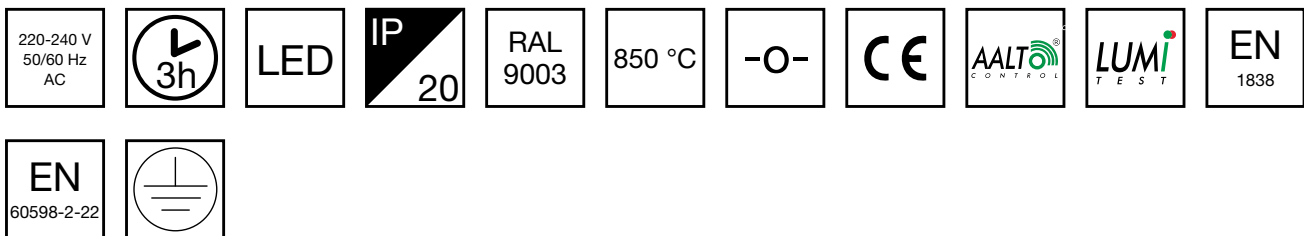


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA253WA



Self-contained 3 h battery, Aalto Control compatible emergency light

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWTA253WA
Feature	Aalto Control, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045023779
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	200 lm

Emergency lighting for escape routes (ceiling mounting)

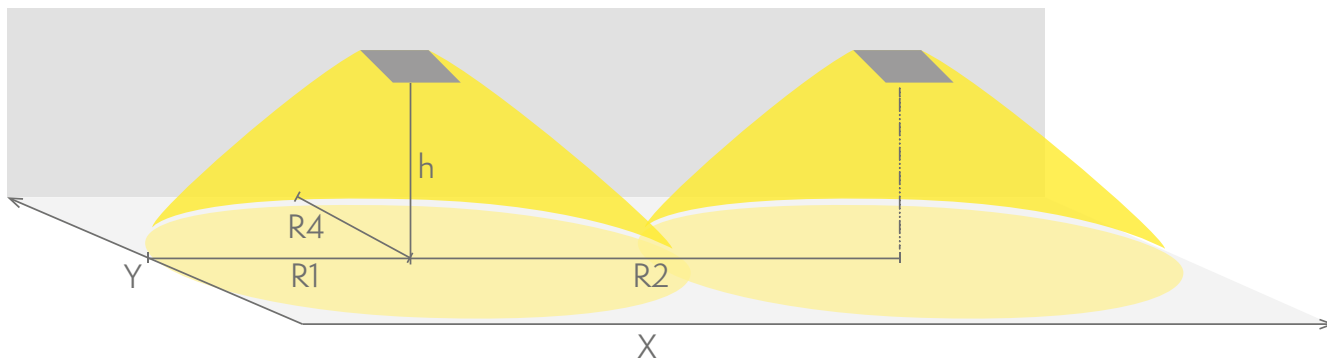
Table of 1 lux for escape routes in the middle line according to the norm EN 1838.

Level of measurement 0,02 m, measurement result with battery operation.

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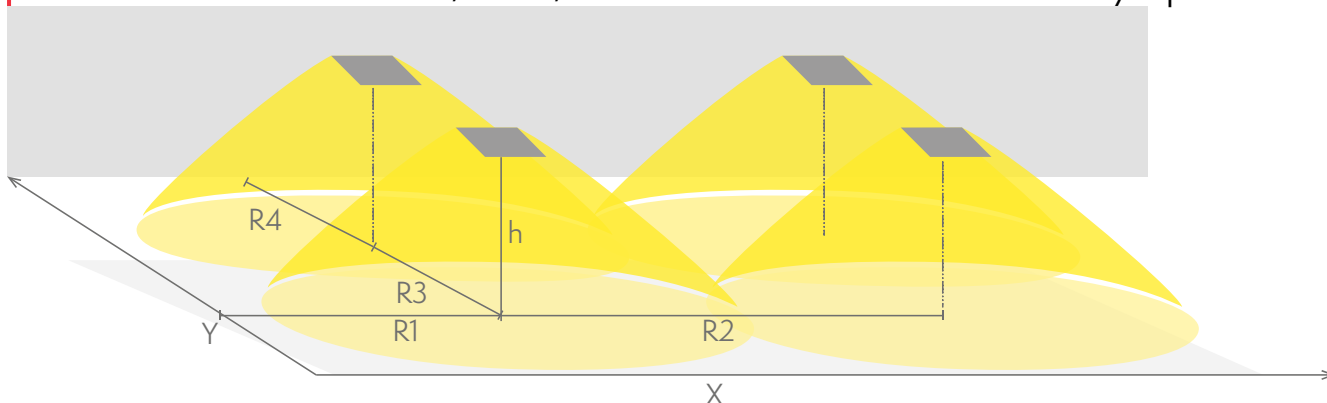
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA253WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA253WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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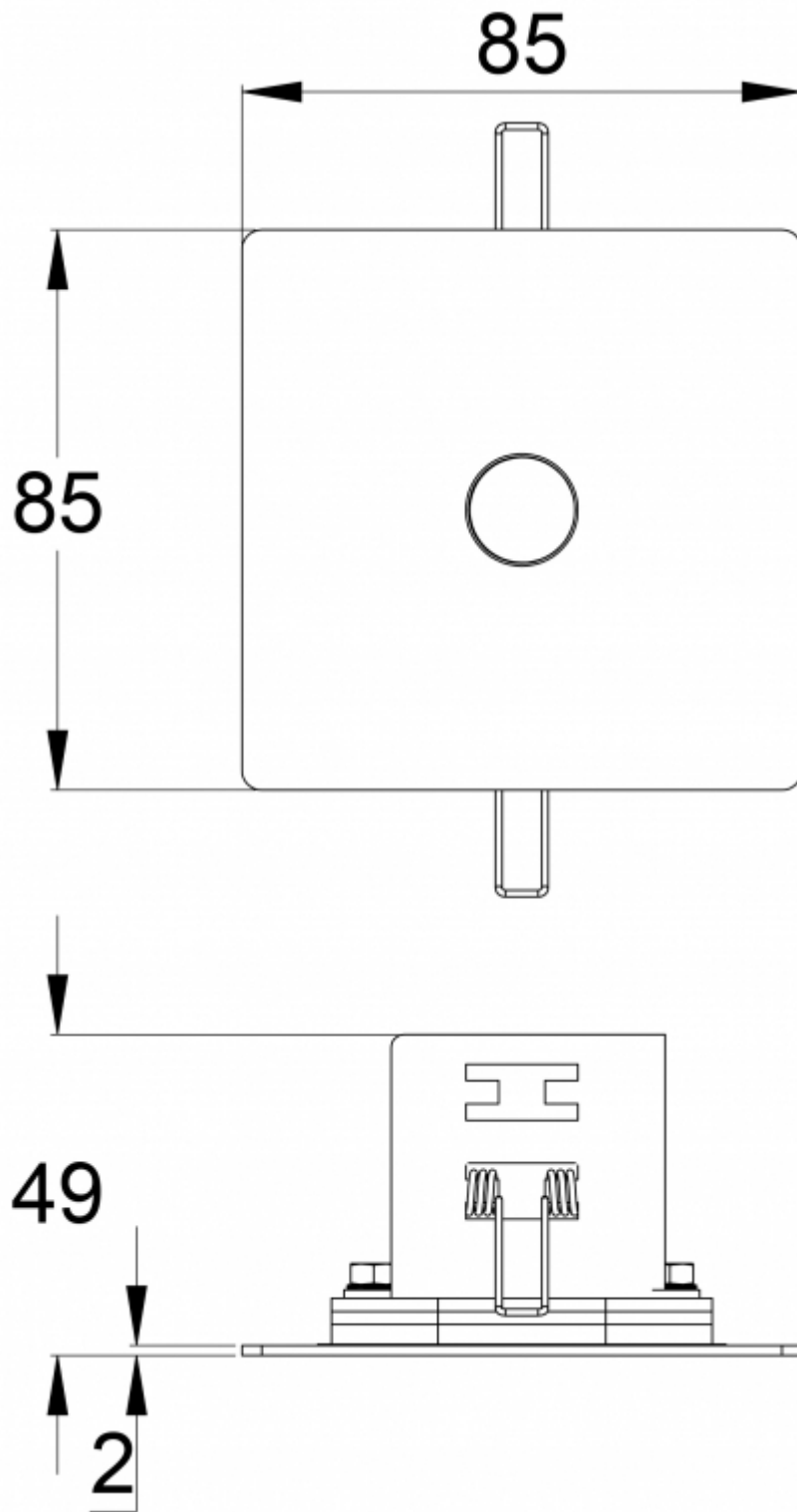


Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1,7	6	11	11	6

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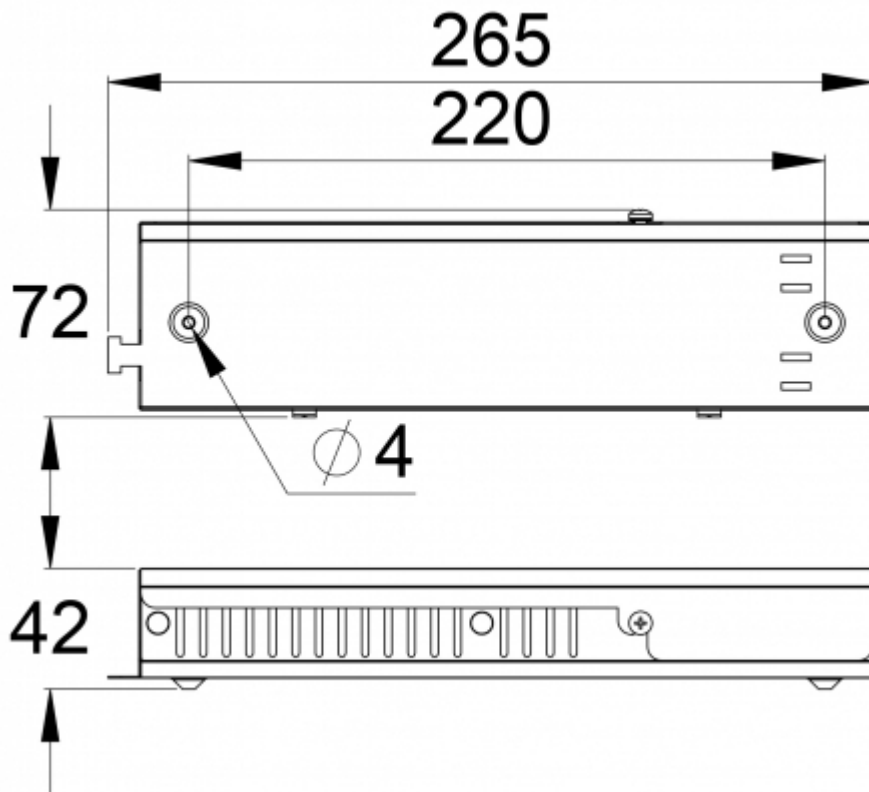




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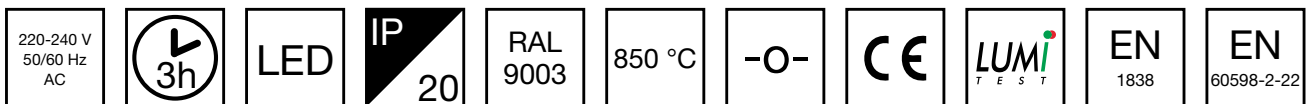


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA253WM



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

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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Product Code	TWTA253WM
Feature	Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045023786
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.8 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	200 lm

Emergency lighting for escape routes (ceiling mounting)

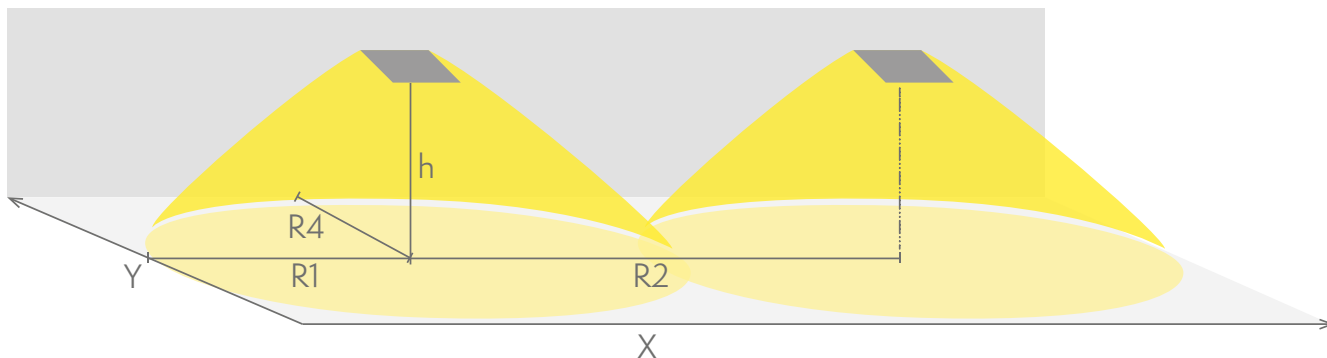
Table of 1 lux for escape routes in the middle line according to the norm EN 1838.

Level of measurement 0,02 m, measurement result with battery operation.

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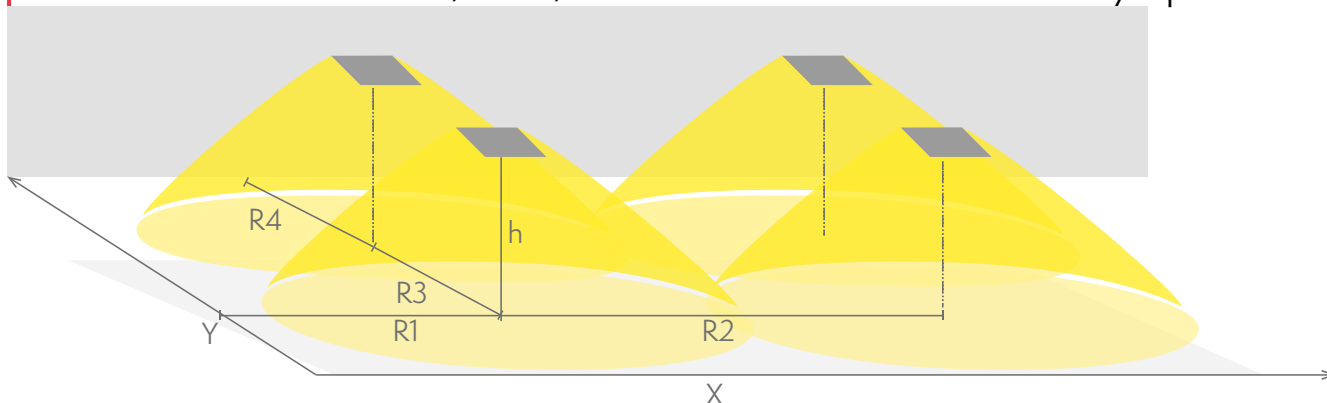
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA253WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA253WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1,7	6	11	11	6

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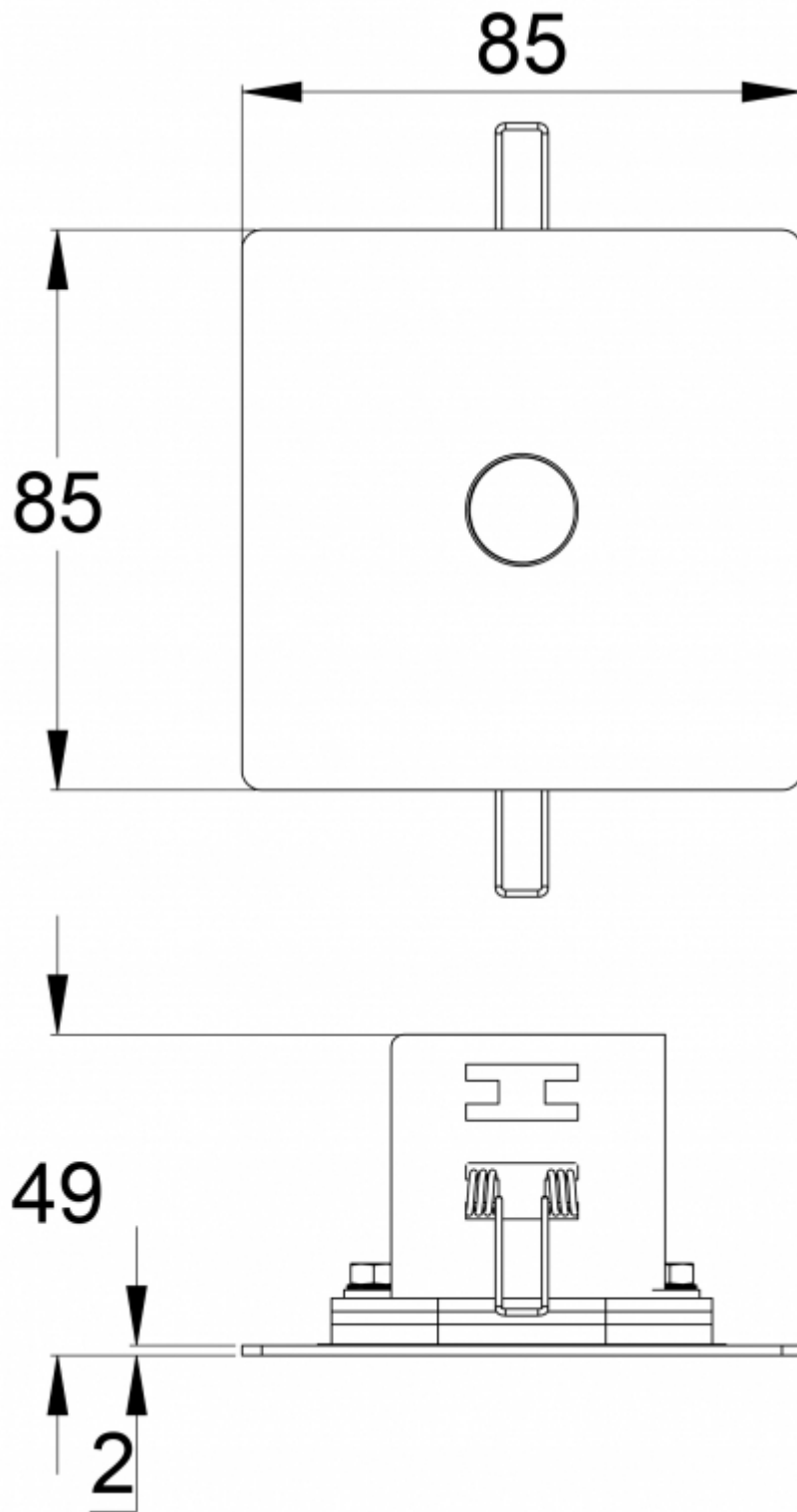
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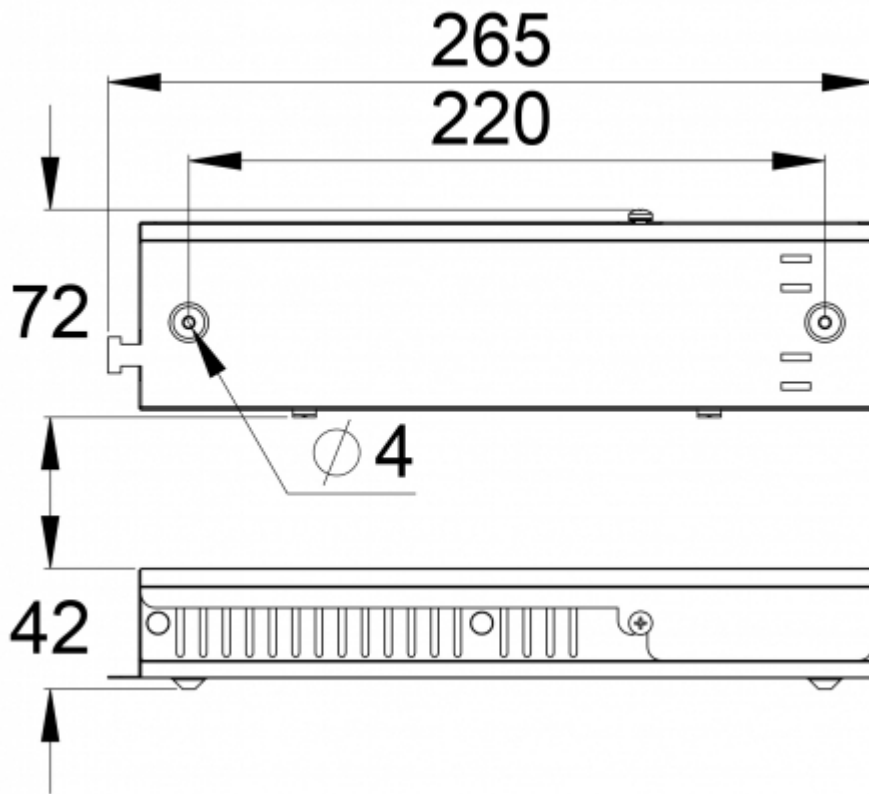
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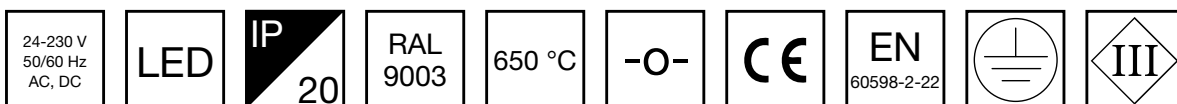


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SLIMSPOT II ZONE LOWBAY EMERGENCY LIGHT TWTA271W



24-230 V centrally supplied emergency light

Slimspot II is a recessed emergency light that is effective and seamless. It has an elegant and minimalist appearance, so it blends in with the surroundings and architecture. The broad Slimspot II product family and range of optics offers many options to suit a variety of applications and systems. Slimspot II is designed for indoor lighting, and it has durable metal framing. The standard colour of the luminaire is white. On request, it is also possible to order Slimspot II in black and grey to match the surrounding environment.

The Slimspot II Zone Lowbay provides a broad, even pattern.

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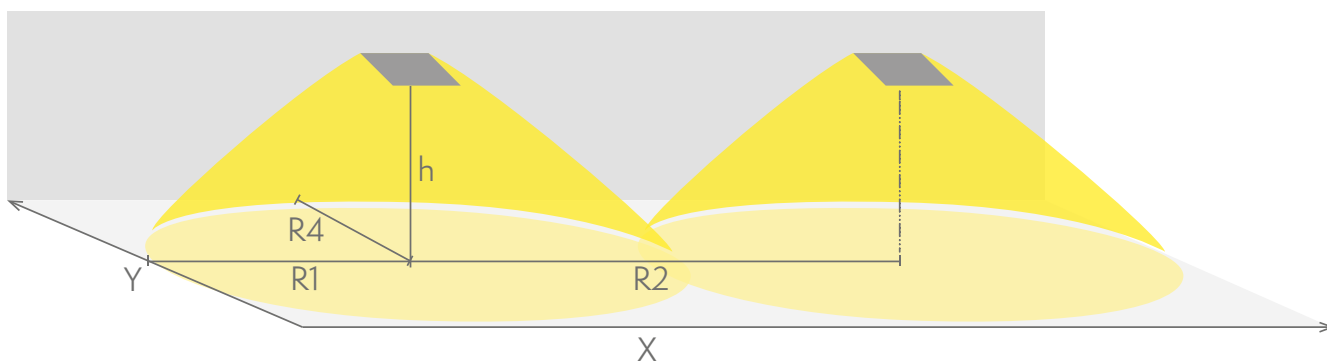
 **TEKNOWARE®**

Product Code	TWTA271W
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045024738
ETIM Product Class	EC001957
Length	85 mm
Width	85 mm
Height	46 mm
Weight	0.4 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
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	2 x 2,5 mm ² (24 V), 3 x 2,5 mm ² (230 V)
Luminous Flux	200 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.



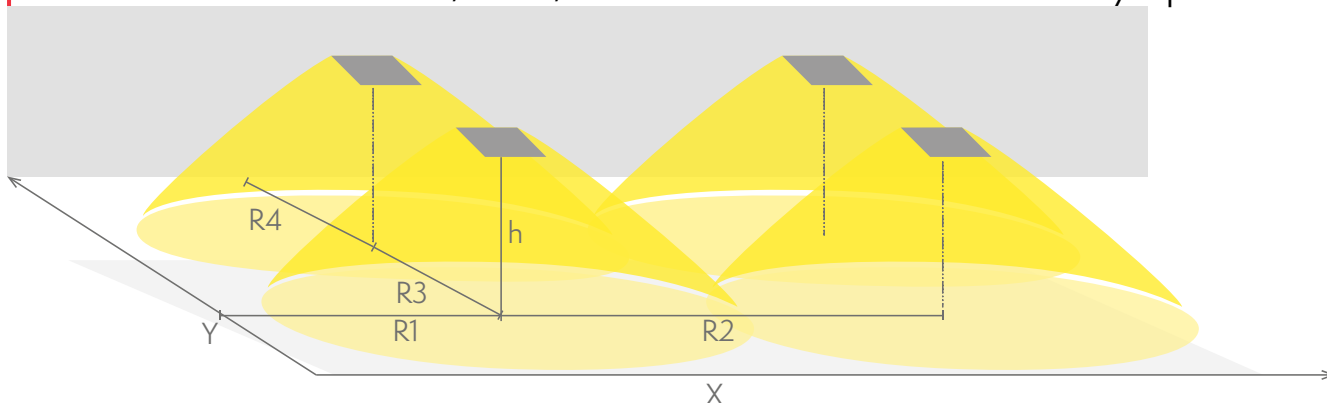
- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R4 distance from wall (Y axis)

TWTA271W

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	4,3	5	11	5
4	1,7	4	14	4

Emergency lighting for open areas (ceiling mounting)

- Table of 0,5 lux for open areas according to the norm EN 1838, 0,5 m edge district is considered in the table.
- Level of measurement 0,02 m, measurement result with battery operation.



- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWTA271W

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
		0,5 lux	0,5 lux	0,5 lux	0,5 lux
2,5	4,3	5,5	10	10	5,5

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Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R3 (m)	R4 (m)
4	1.7	6	11	11	6

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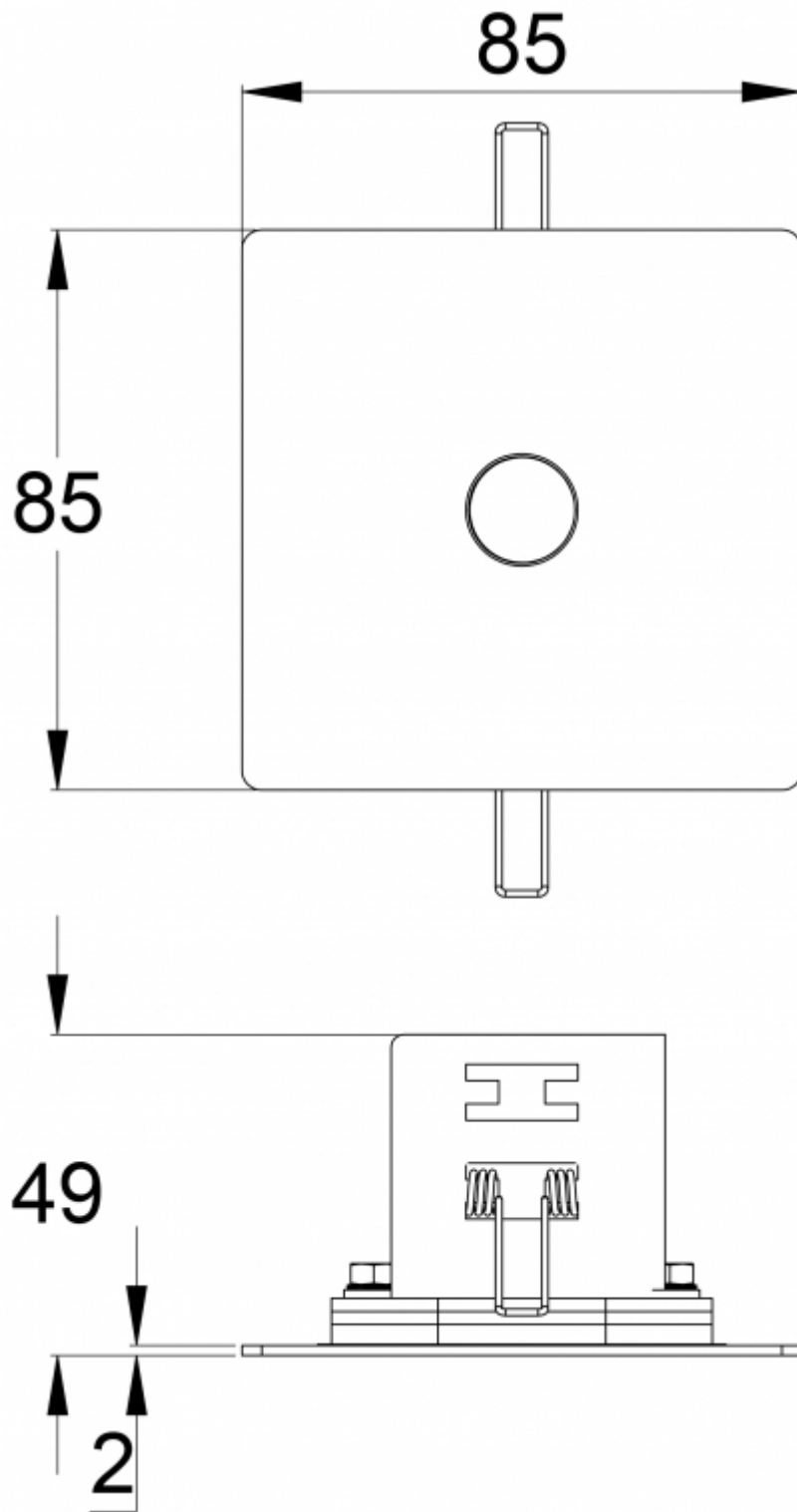
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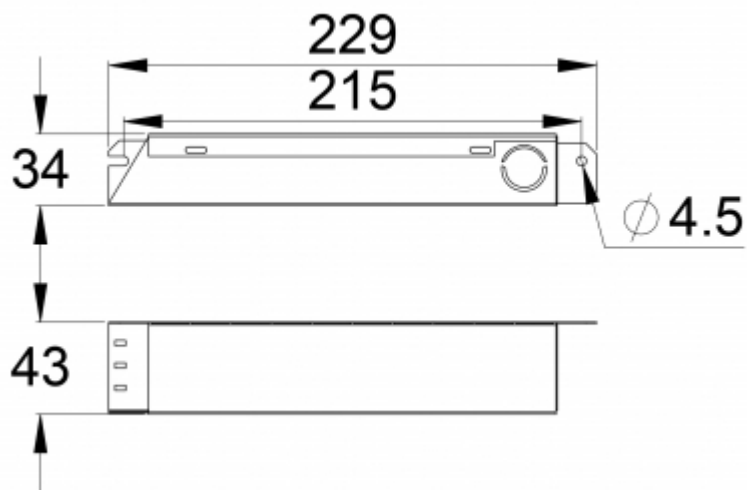




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