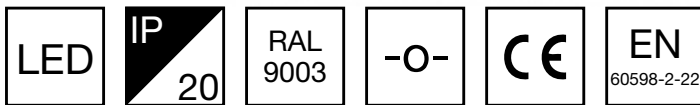


LINESPOT II: LOWBAY, RECESS-MOUNTED EMERGENCY LIGHTS



Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is \varnothing 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

Linespot II Lowbay uses the latest LED technology and optics. It gives a long and narrow pattern of light that illuminates the escape route effectively, and allows a mounting distance of

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up to 24 m between the luminaires.

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
TWS1492WM4	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	
TWS1492WM	220-240 V, 50/60 Hz AC	Escap, Lumi Test	1	
Y1492WM	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)
TWS1492WA4	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
TWS1492WA	220-240 V, 50/60 Hz AC	Aalto Control, Escap, Lumi Test	1
Y1492WA	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)
TWT1452WM	220-240 V, 50/60 Hz AC	Lumi Test	1
Y1452WM	220-240 V, 50/60 Hz AC	Lumi Test	1
TWT1453WM	220-240 V, 50/60 Hz AC	Lumi Test	3
Y1453WM	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)
TWT1452WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	1
Y1452WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	1
TWT1453WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	3
Y1453WA	220-240 V, 50/60 Hz AC	Aalto Control, Lumi Test	3

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ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product Code	Nominal Supply Voltage	Feature
TWT1451WK	220-240 V, 50/60 Hz AC, DC	Intelligent Controller, Tapsa Control
Y1451WK	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
TWT1471W	24-230 V, 50/60 Hz AC, DC	
Y1471W	24-230 V, 50/60 Hz AC, DC	

ADDRESSABLE 24 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product Code	Nominal Supply Voltage	Feature
TWT1441WK	24 V, 50/60 Hz AC, DC	Tapsa Control
Y1441WK	24 V, 50/60 Hz AC, DC	Tapsa Control

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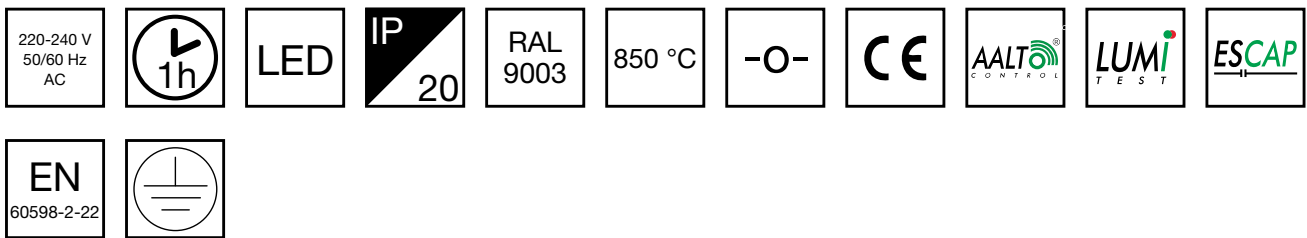
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWS1492WA



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

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1492WA	IP20	60

Product Code	TWS1492WA
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045019086
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm

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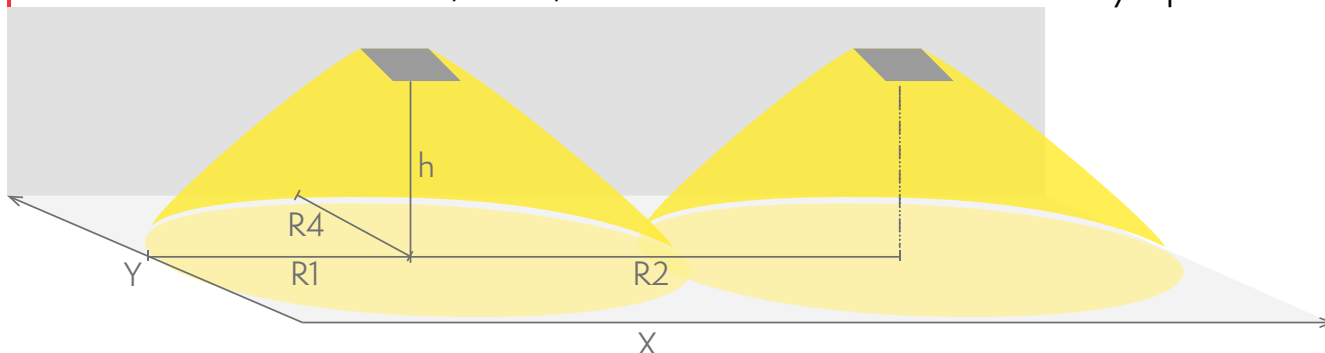
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Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	75 lm

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)

TWS1492WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	2,5	5	16	1
3	1,5	4,5	16,5	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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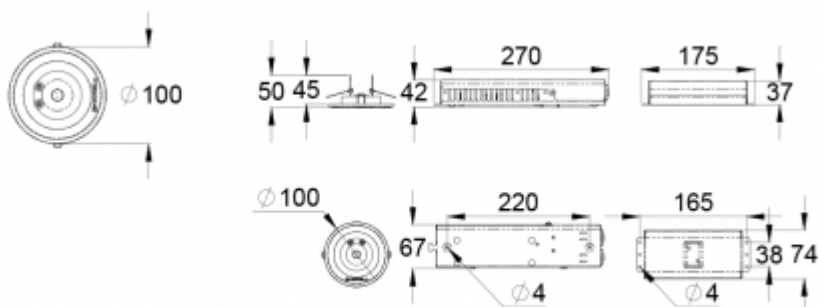
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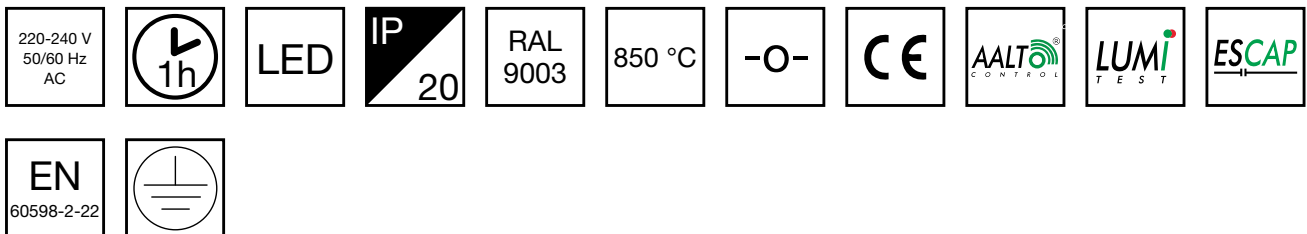
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWS1492WA4



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

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is \varnothing 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting. In this model the electronics and capacitors are in the same casing.

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Product Code	TWS1492WA4
Feature	Aalto Control, Escap, Lumi Test
Mounting (standard)	recess
GTIN Code	6438045024394
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	75 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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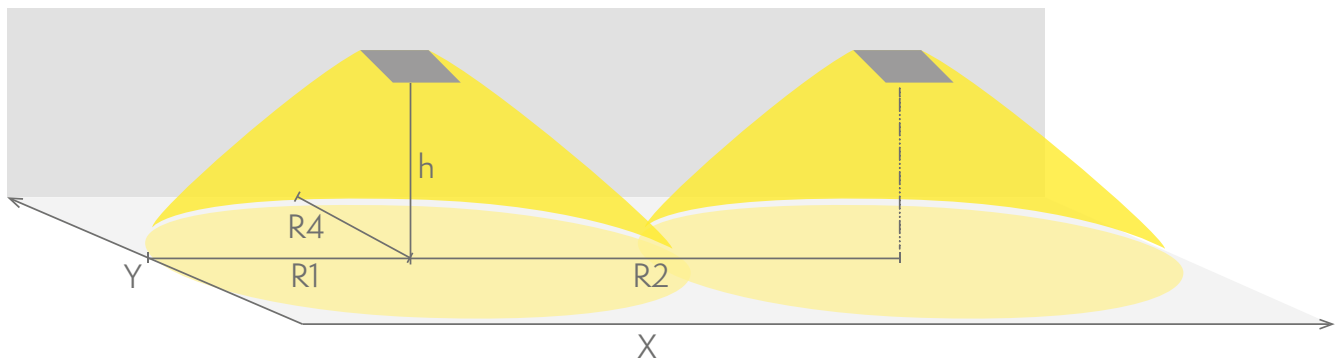
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R1 distance from wall (X axis)
 R2 installation distance between lights (X axis)
 R4 distance from wall (Y axis)
TWS1492WA4

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	2,5	5	16	1
3	1,5	4,5	16,5	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS

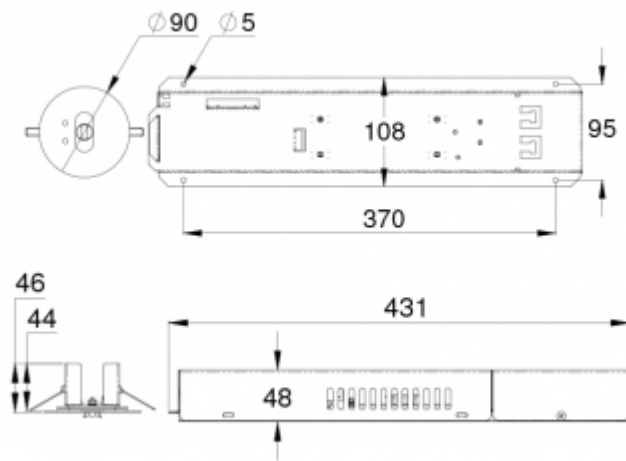


Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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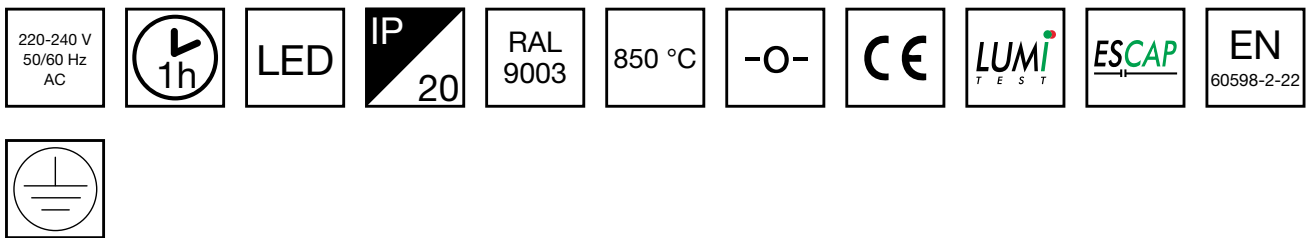


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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWS1492WM



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

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1492WM	IP20	60

Product Code	TWS1492WM
Feature	Escap, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045019093
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm

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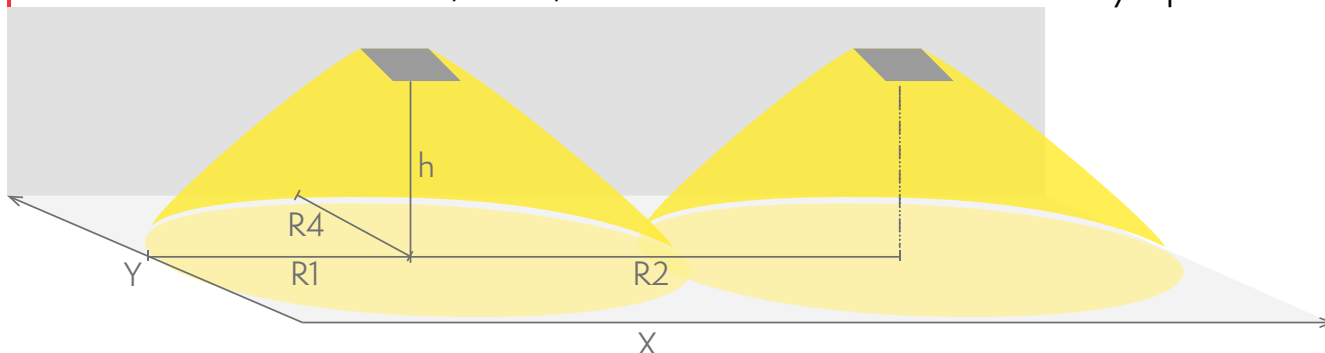
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Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	75 lm

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)

TWS1492WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	2,5	5	16	1
3	1,5	4,5	16,5	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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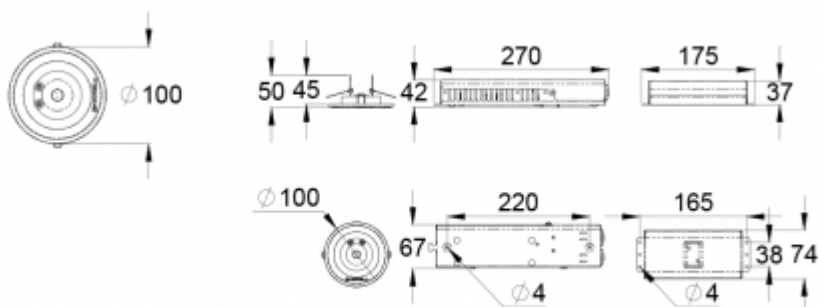
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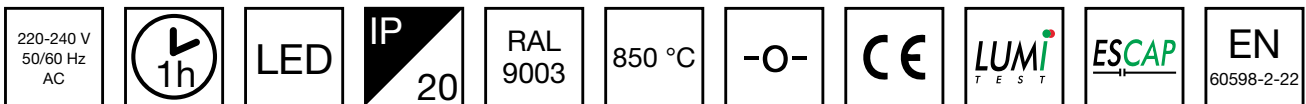
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWS1492WM4



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

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is $\varnothing 75$ mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting. In this model the electronics and capacitors are in the same casing.

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Product Code	TWS1492WM4
Feature	Escap, Lumi Test
Mounting (standard)	recess
GTIN Code	6438045024417
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	75 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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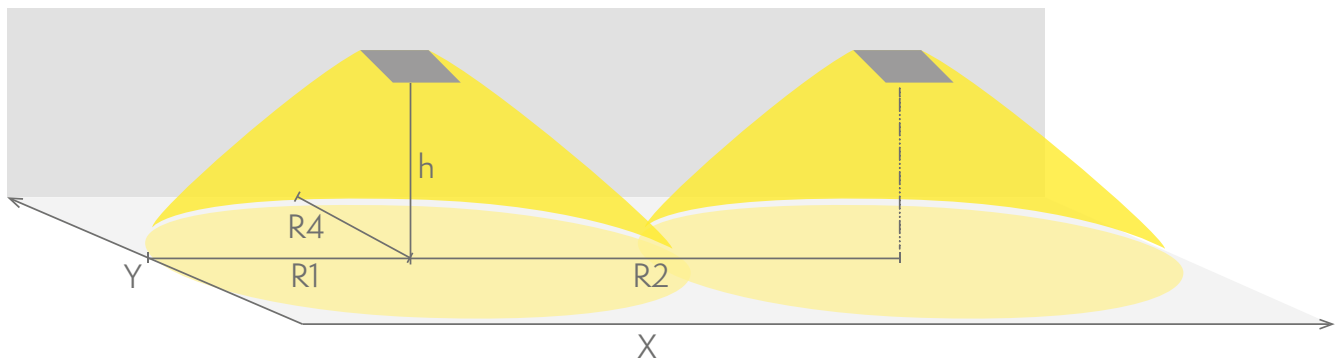
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R1 distance from wall (X axis)
 R2 installation distance between lights (X axis)
 R4 distance from wall (Y axis)
TWS1492WM4

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	2,5	5	16	1
3	1,5	4,5	16,5	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS

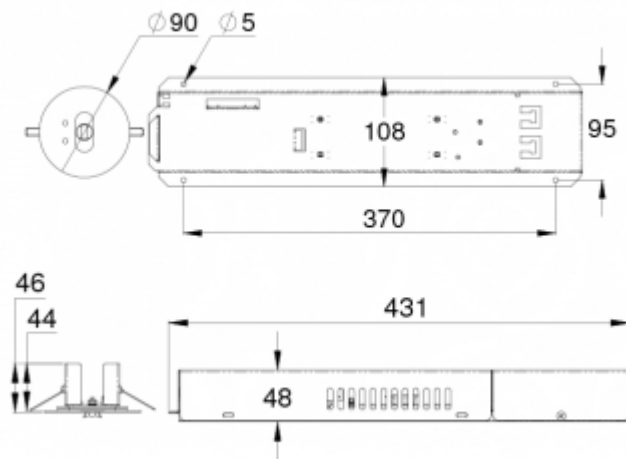


Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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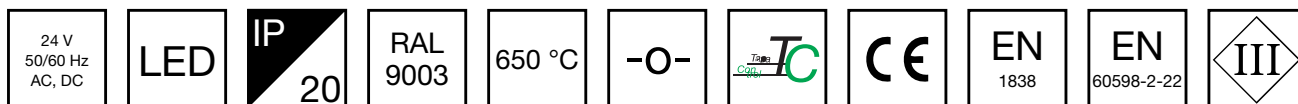
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1441WK



Addressable 24 V centrally supplied LED Emergency Light

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is \varnothing 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1441WK	IP20	180

Product Code	TWT1441WK
Feature	Tapsa Control
Mounting (standard)	recess
GTIN Code	6438045023878
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²

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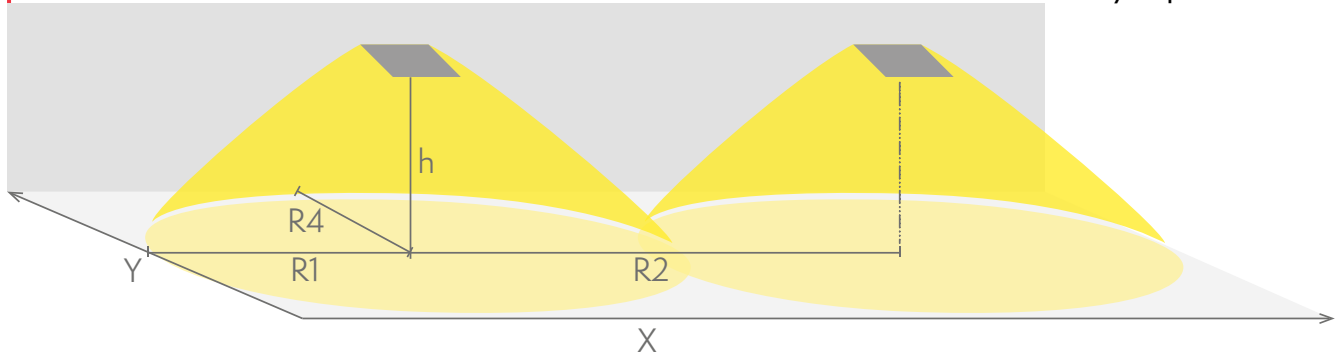
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Emergency lighting for escape routes (ceiling mounting)

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)

TWT1441WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



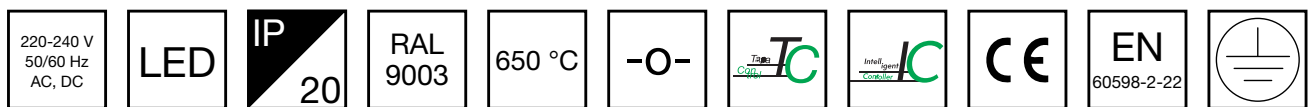
Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1451WK



Addressable 230 V centrally supplied LED Emergency Light

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1451WK	IP20	180

Product Code	TWT1451WK
Feature	Intelligent Controller, Tapsa Control
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045012254
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 mm
Weight	0,4 kg
Max Input Power VA	10 VA
Max Input Power W	5,5 W
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	plastic
Aperture for Recess Mounting	ø75 mm

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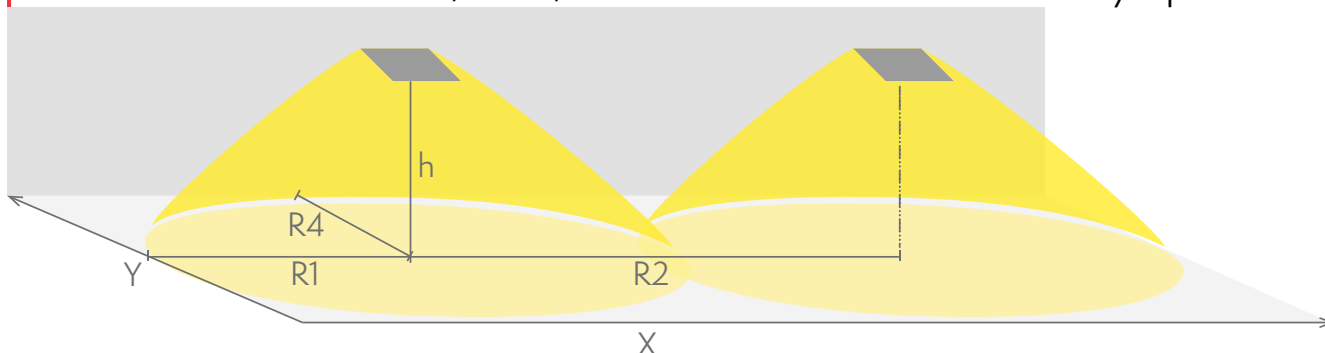


Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	180 lm

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)

TWT1451WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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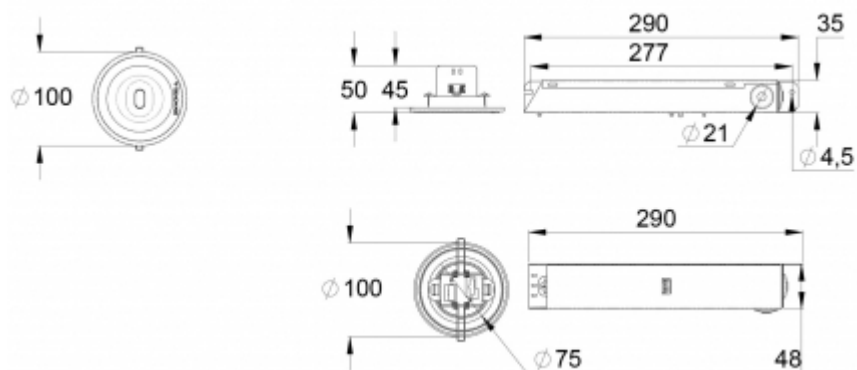
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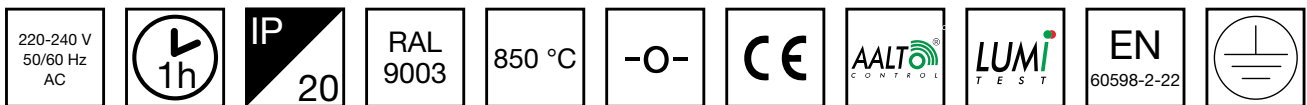
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1452WA



Self-contained LED Emergency Light with 1 h Battery and Wireless Central Monitoring

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1452WA	IP20	180

Product Code	TWT1452WA
Feature	Aalto Control, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045019789
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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
Body Material	plastic
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003

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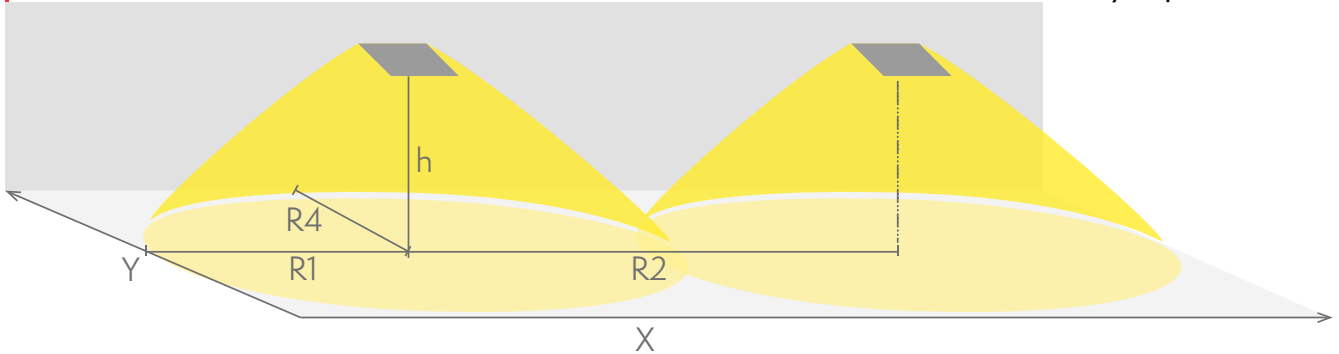


Electrical Installation	3 x 2,5 mm ²
Luminous Flux	180 lm

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)

TWT1452WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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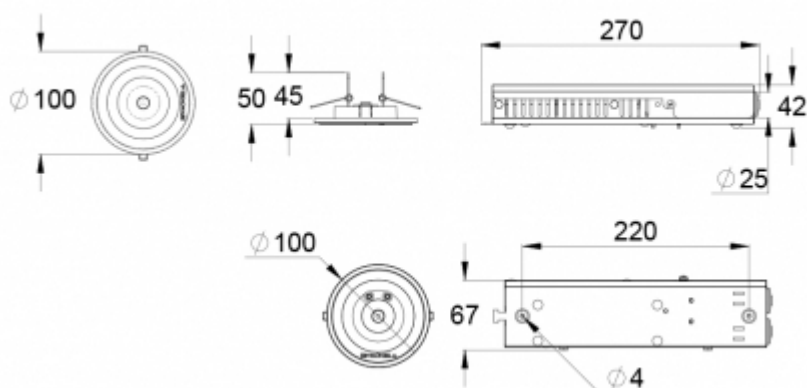
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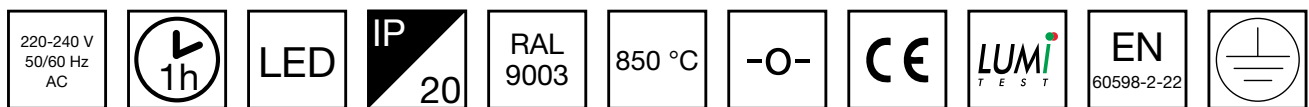
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1452WM



Self-contained LED Emergency Exit Light with 1 h Battery and Lumi Test Self-testing

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1452WM	IP20	180

Product Code	TWT1452WM
Feature	Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045019796
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm

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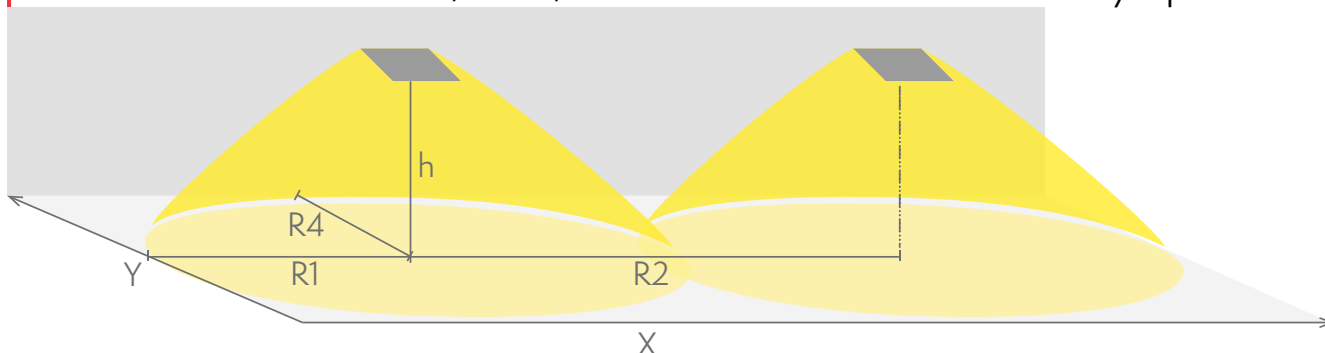


Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	180 lm

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)

TWT1452WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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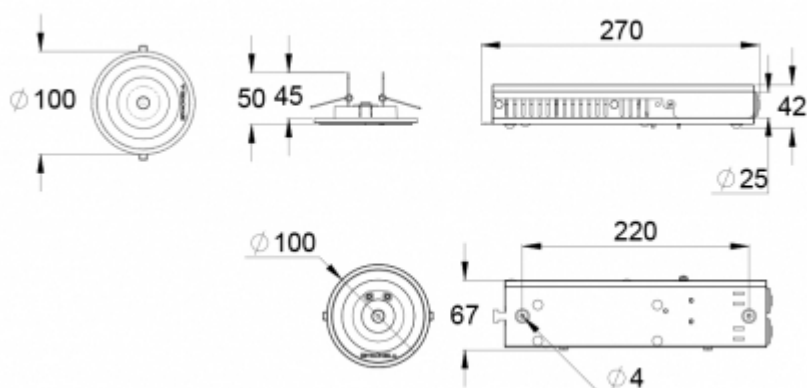
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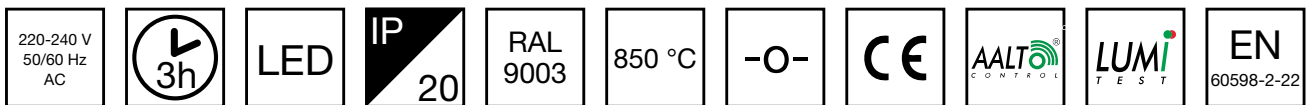
2wm



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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1453WA



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

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1453WA	IP20	180

Product Code	TWT1453WA
Feature	Aalto Control, Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045019802
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm

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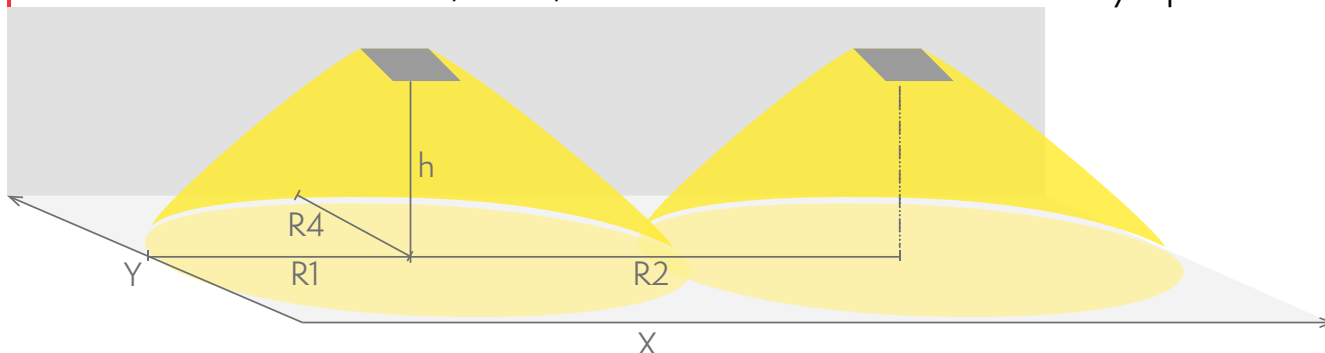


Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	180 lm

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)

TWT1453WA

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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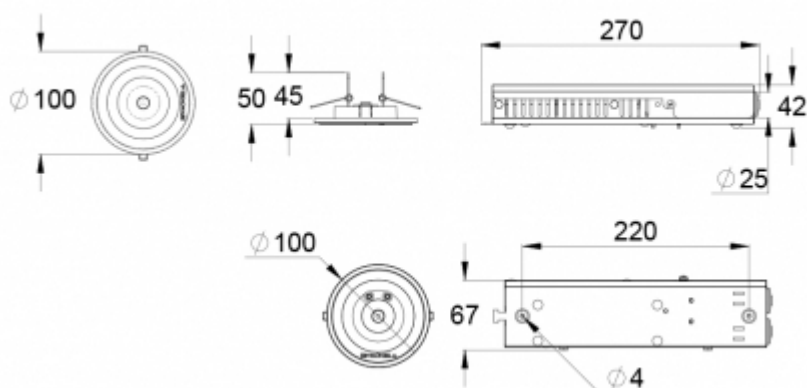
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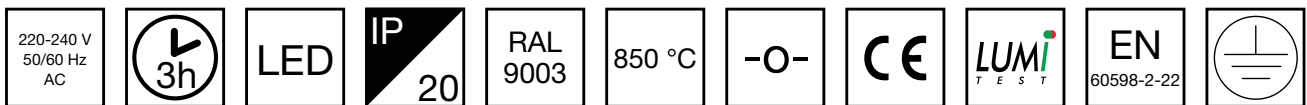
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1453WM



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

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is Ø 75 mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1453WM	IP20	180

Product Code	TWT1453WM
Feature	Lumi Test
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045019819
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm

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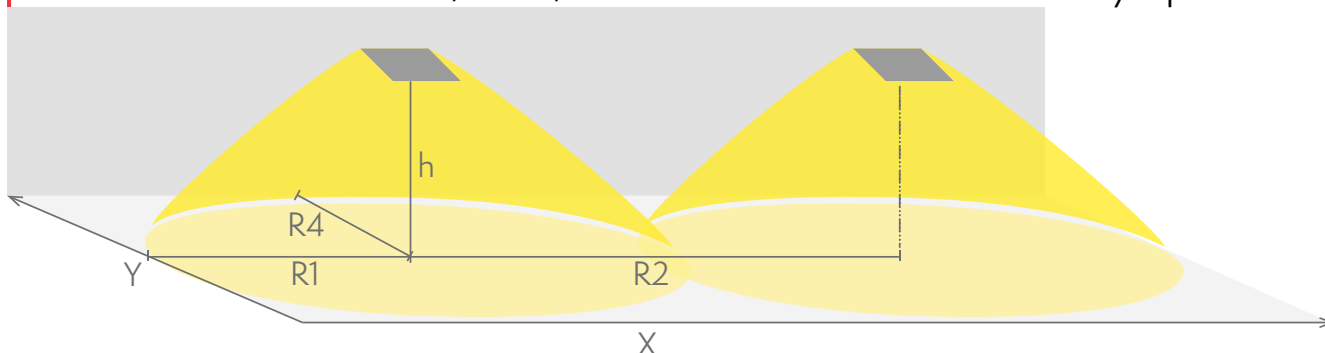


Colour	RAL9003
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	180 lm

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)

TWT1453WM

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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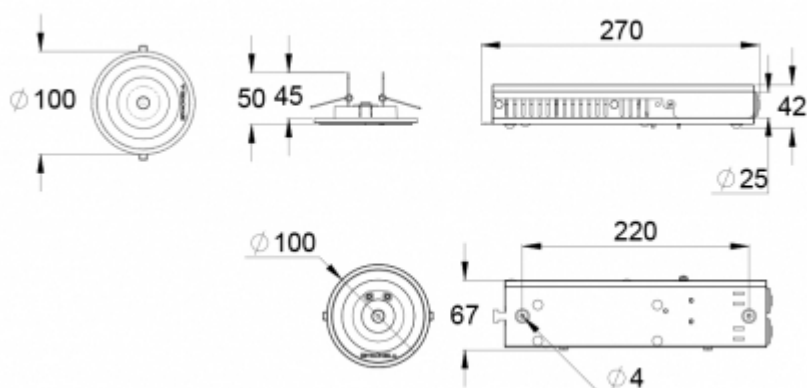
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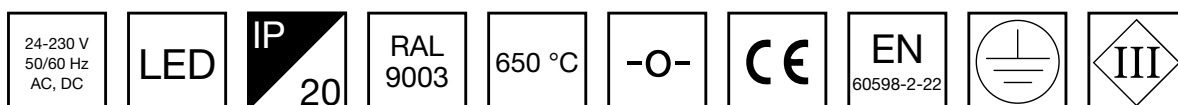
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LINESPOT II LOWBAY LED EMERGENCY LIGHT TWT1471W



24-230 V centrally supplied LED emergency light

Compact and stylish Linespot II Lowbay is designed especially for corridor lighting. The luminaire is recess mounted; size of the recess mounting aperture is $\varnothing 75$ mm. Linespot II Lowbay's design is an unobtrusive solution for energy efficient emergency lighting.

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INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y1471W	IP20	180

Product Code	TWT1471W
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045012247
ETIM Product Class	EC001957
Length	100 mm
Width	100 mm
Height	50 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	plastic
Aperture for Recess Mounting	ø75 mm
Colour	RAL9003

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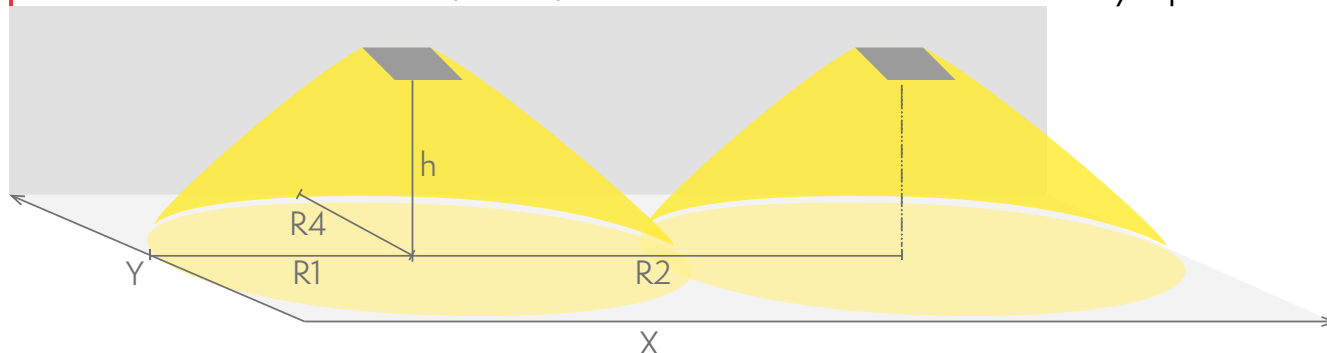


Electrical Installation	2 x 2,5 mm ² (24 V), 3 x 2,5 mm ² (230 V)
Luminous Flux	180 lm

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)

TWT1471W

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	6,4	8	19,5	1
4	2,5	9	24	1

OPTIONAL ACCESSORIES:

OTHER ACCESSORIES FOR EMERGENCY LIGHTS



Product Code	Product Name	Compatible Product Groups
TMT389	Gasket ring TMT389	Linespot II: Lowbay, Recess-Mounted Emergency Lights, Zonespot II: Lowbay, Recess-Mounted Emergency Lights

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SPARE PARTS:

SPARE PARTS FOR EMERGENCY LIGHTS

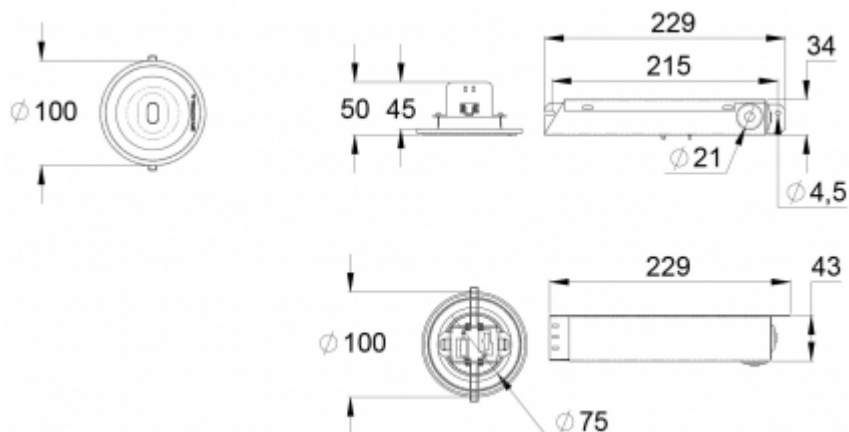


Product Code	Product Name	Compatible Product Groups
W100006	Ballast W100006	Addressable 230 V Centrally Supplied Emergency Exit Lights, Addressable 230 V Centrally Supplied Emergency Lights

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TRISPOT LED EMERGENCY LIGHT TWT7551WK



Addressable 230 V centrally supplied LED Emergency Exit Light

Trispot LED emergency light is compact and stylish. It has a machined and anodized aluminium body, which gives a special exemplary appearance.

TWT75 is designed to illuminate particularly high areas. It uses the latest LED technology. The luminaire's lighting pattern illuminates open areas effectively and allows for a high installation height.

INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y7551WK	IP20	350

Product Code	TWT7551WK
Feature	Tapsa Control
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045009810
ETIM Product Class	EC001957
Length	70 mm
Width	70 mm
Height	57 mm
Weight	0,4 kg
Max Input Power VA	15,3 VA
Max Input Power W	9,5 W
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
Certifications	SGS Fimko
Light Source	LED
Body Material	machined anodized aluminium

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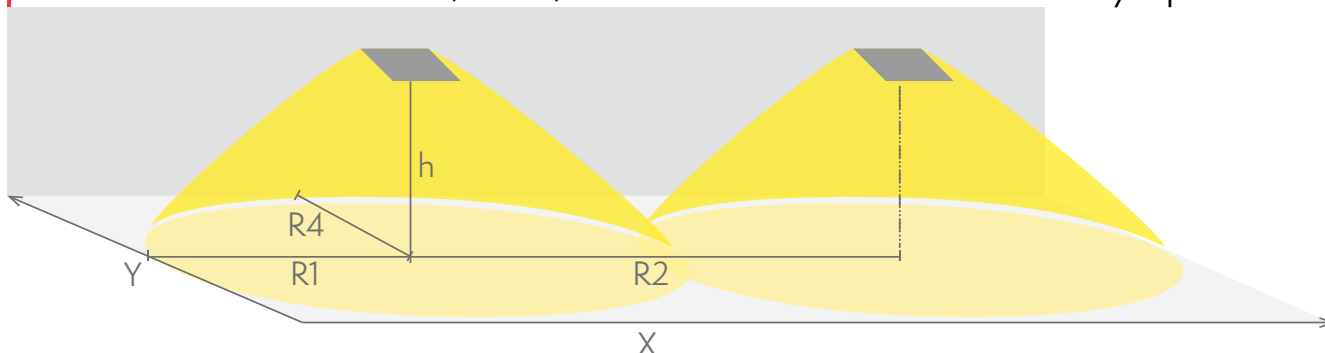


Aperture for Recess Mounting	ø60 mm
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	350 lm

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)

TWT7551WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	240	2,5	6	2,5
4	95	3,5	9	3,5
6	42	4,5	11	4,5
8	23	6	13	6
10	15	5	14	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.

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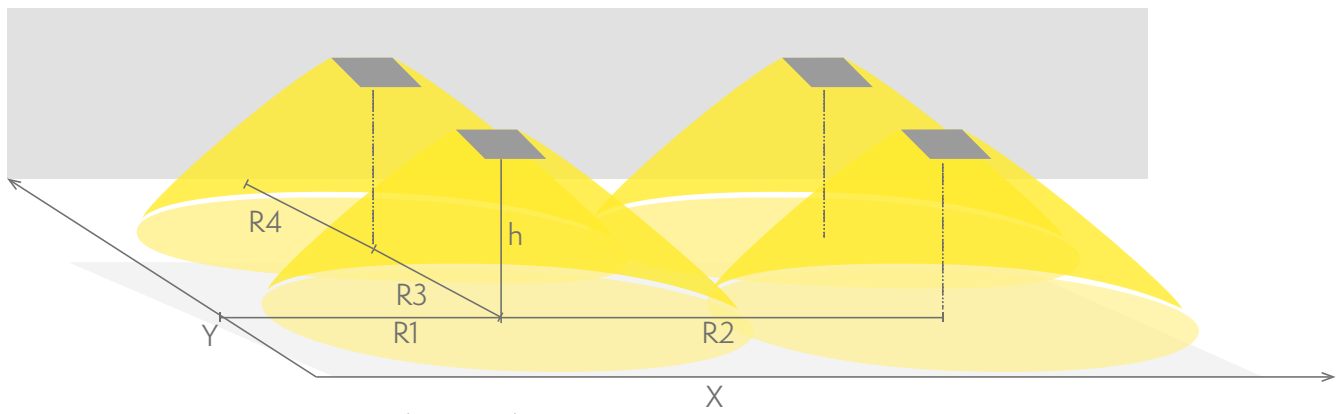
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R1 distance from wall (X axis)

R2 installation distance between lights (X axis)

R3 installation distance between lights (Y axis)

R4 distance from wall (Y axis)

TWT7551WK

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	240	2,5	4	4	2,5
4	95	3,5	7	7	3,5
6	42	4,5	8	8	4,5
8	23	5,5	10	10	5,5
10	15	5,5	11	11	5,5

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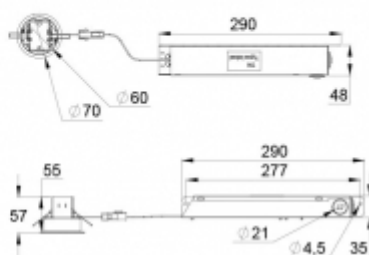
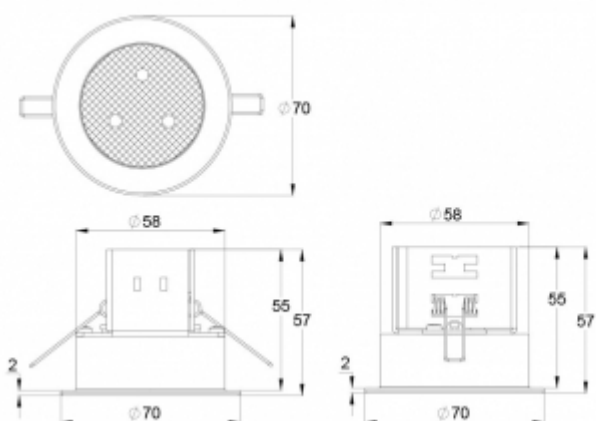
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TRISPOT LED EMERGENCY LIGHT TWT7651WK



Addressable 230 V centrally supplied LED Emergency Exit Light

Trispot LED emergency light is compact and stylish. It has a machined and anodized aluminium body, which gives a special exemplary appearance.

Low areas and open spaces suit TWT76, whose optics are designed to provide a broad and uniform light pattern.

INDIVIDUALLY PACKED LIGHTS

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

Product Code	IP Class	Luminous Flux (lm)
Y7651WK	IP20	360

Product Code	TWT7651WK
Feature	Tapsa Control
Mounting (standard)	recess
Customs Code	94056080
GTIN Code	6438045009827
ETIM Product Class	EC001957
Length	70 mm
Width	70 mm
Height	57 mm
Weight	0,4 kg
Max Input Power VA	15,3 VA
Max Input Power W	9,5 W
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
Certifications	SGS Fimko
Light Source	LED
Body Material	machined anodized aluminium

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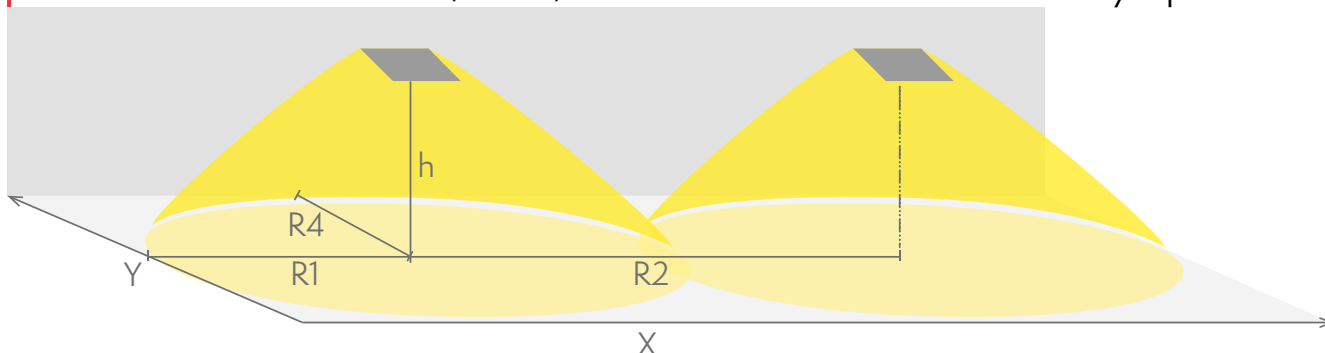


Aperture for Recess Mounting	ø60 mm
Electrical Installation	3 x 2,5 mm ²
Luminous Flux	360 lm

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)

TWT7651WK

Mounting height (m)	Below the light lux	R1 (m)	R2 (m)	R4 (m)
		1 lux	1 lux	1 lux
2,5	25	4,5	10	4,5
4	10	4,5	12	4,5
6	4,5	5	14	5
8	2,5	5	14	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.

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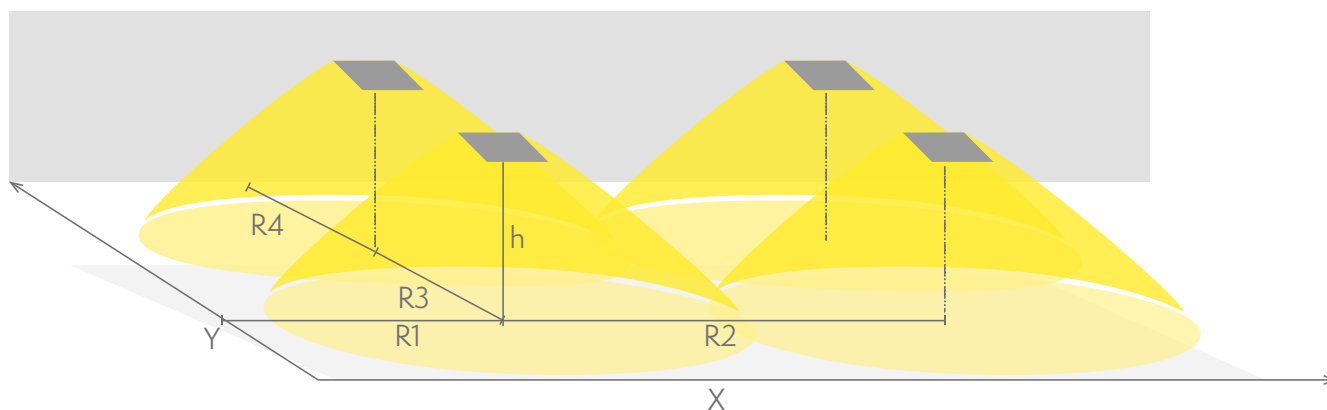
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- R1 distance from wall (X axis)
- R2 installation distance between lights (X axis)
- R3 installation distance between lights (Y axis)
- R4 distance from wall (Y axis)

TWT7651WK

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	25	4	7	7	4
4	10	5	9	9	5
6	4,5	6	11	11	6
8	2,5	6	10	10	6

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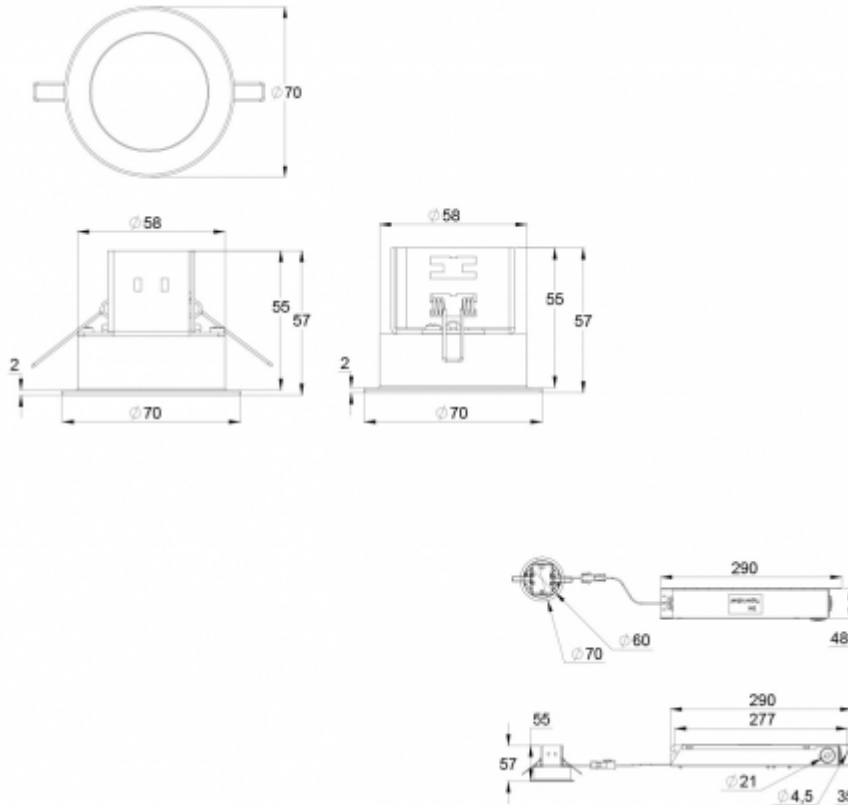
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