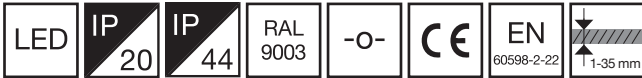


ZONESPOT II LOWBAY

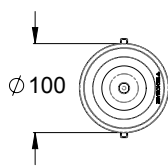
LED EMERGENCY LIGHT FOR RECESS MOUNTING IN OPEN AREAS,
RECESS MOUNTING APERTURE \varnothing 75 MM



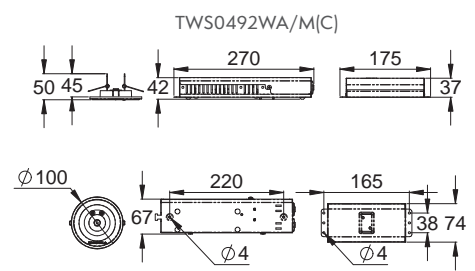
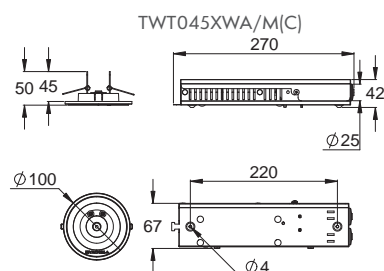
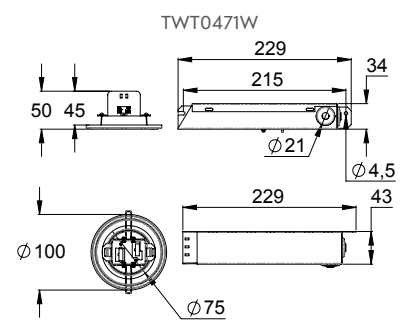
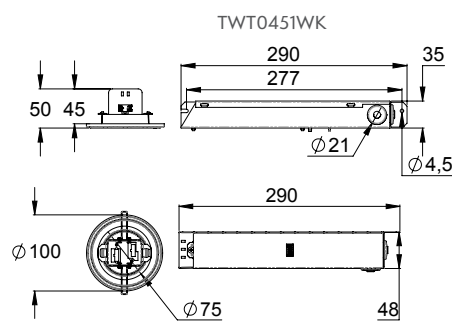
Zonespot II Lowbay is a small and elegant emergency light, for recess mounting. It is specially designed for illuminating open areas. Zonespot II Lowbay takes advantage of the latest LED technology.

Zonespot II Lowbay allows installations with up to 14 meters between luminaires.

DIMENSIONS



Aperture for mounting \varnothing 75 mm



- ⊕ = Protection class of luminaire is 1
- ⊕ = Protection class of luminaire is 2
- ⊕ = Protection class of luminaire is 3
- ⊕ = Luminaire is suitable for through-wiring
- IP20 = Protection rating
- White = Colour of the body
- 3000 = Viewing distance
- LED = LED as a light source
- Aalto = Aalto Control compatible (incl. Lumi Test)
- M = Self-contained luminaire with Lumi test self-testing
- Escap = Self-contained luminaire with 1 h super capacitor backup
- C = Compatible with Tapsa Control Central Battery Unit and Local Controller
- III = compliant with the 850 glow wire test
- IC = Compatible with Intelligent Controller
- CBS = Centrally supplied

CENTRALLY SUPPLIED LUMINAIRES

24-230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT0471W	24-230 V, 50/60 Hz AC,DC	24 V= 7,5 VA / 4 W 230 V= 11 VA / 4 W	200	CBS	-30... +50°C	24 V= 2 x 2,5 mm ² 230 V= 3 x 2,5 mm ² -o-	0,4
Y0471W	(individually packed incl. TWT0471W)						0,5

ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

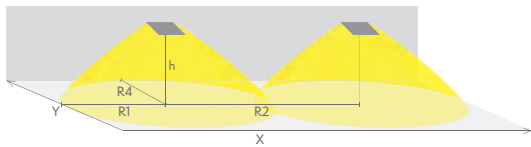


Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT0451WK	220-240 V, 50/60 Hz AC,DC	10 VA / 5,5 W	200	CBS / C + IC	-30... +50°C	3 x 2,5 mm ² -o-	0,4
Y0451WK	(individually packed incl. TWT0451WK)						0,5

LIGHT DISTRIBUTION TABLES

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.



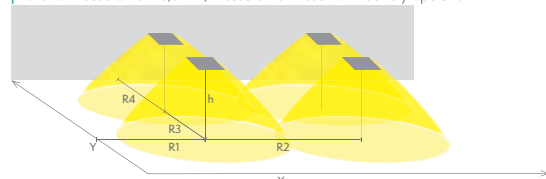
R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWT0451WK, TWT0471W

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
R4 distance from wall (Y axis)

TWT0451WK, TWT0471W

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
4	1,7	6	11	11	6

NOTE! For escape route lighting we recommend Linespot II Lowbay (TWT14) luminaires, look at p. 166.

ZONESPOT II LOWBAY



SELF-CONTAINED LUMINAIRES WITH SUPER CAPACITOR

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



Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWS0492WA	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	65	1 h Escap + Aalto	-25... +35°C	3 x 2,5 mm ² -o-	0,8
Y0492WA	(individually packed incl. TWS0492WA)						0,9
TWS0492WAC*)	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	80	1 h Escap + Aalto	-25... +35°C	3 x 2,5 mm ² -o-	0,8
Y0492WAC	(individually packed incl. TWS0492WAC)						0,9

*)Higher luminous flux

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



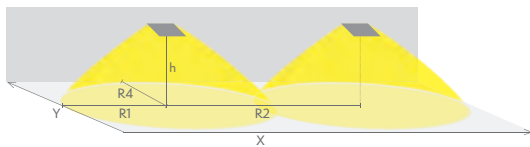
Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWS0492WM	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	65	1 h Escap + M	-25... +35°C	3 x 2,5 mm ² -o-	0,8
Y0492WM	(individually packed incl. TWS0492WM)						0,9
TWS0492WMC*)	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	80	1 h Escap + M	-25... +35°C	3 x 2,5 mm ² -o-	0,8
Y0492WMC	(individually packed incl. TWS0492WMC)						0,9

*)Higher luminous flux

LIGHT DISTRIBUTION TABLES

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)

TWS0492WA, TWS0492WM

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

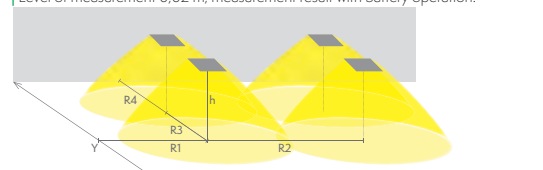
TWS0492WMC, TWS0492WAC

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

NOTE! For escape route lighting we recommend Linespot II Lowbay (TWT14) luminaires, look at p. 166.

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)

TWS0492WA, TWS0492WM

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
3	1	4	6,5	6,5	4

TWS0492WMC, TWS0492WAC

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
3	1,2	4	8	8	4
4	0,7	3	8,5	8,5	3

- ⊕ = Protection class of luminaire is 1
- ⊕ = Protection class of luminaire is 2
- ⊕ = Protection class of luminaire is 3
- ⊕ = Luminaire is suitable for through-wiring
- IP20 = Protection rating
- White = Colour of the body
- 3000K = Viewing distance
- LED = LED as a light source
- Aalto = Aalto Control compatible (incl. Lumi Test)
- M = Self-contained luminaire with Lumi test self-testing
- Escap = Self-contained luminaire with 1 h super capacitor backup
- C = Compatible with Tapsa Control Central Battery Unit and Local Controller
- 850 = compliant with the 850 glow wire test
- IC = Compatible with Intelligent Controller
- CBS = Centrally supplied

SELF-CONTAINED LUMINAIRES WITH BATTERY

SELF-CONTAINED EMERGENCY LIGHTS WITH 1 H BATTERY AND WIRELESS CENTRAL MONITORING



Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT0452WA	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	200	1 h battery + Aalto	0... +35°C	3 x 2,5 mm ² -o- ⊕	0,6
Y0452WA	(individually packed incl. TWT0452WA)						0,7

SELF-CONTAINED EMERGENCY LIGHTS WITH 3 H BATTERY AND WIRELESS CENTRAL MONITORING

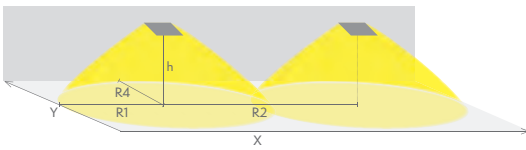


Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT0453WA	220-240 V, 50/60 Hz AC	6 VA during boost charge 5,5 VA during trickle charge	200	3 h battery + Aalto	0... +35°C	3 x 2,5 mm ² -o- ⊕	0,8
Y0453WA	(individually packed incl. TWT0453WA)						0,9

LIGHT DISTRIBUTION TABLES

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)

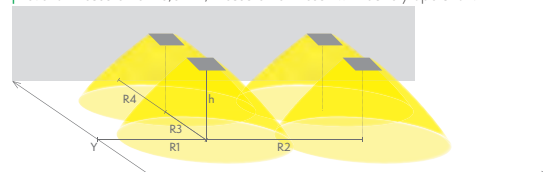
TWT0452WA, TWT0453WA

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

NOTE! For escape route lighting we recommend Linespot II Lowbay (TWT14) luminaires, look at p. 166.

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)

TWT0452WA, TWT0453WA

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
4	1,7	6	11	11	6

ZONESPOT II LOWBAY



SELF-CONTAINED LUMINAIRES WITH BATTERY

SELF-CONTAINED EMERGENCY LIGHTS WITH 1 H BATTERY AND SELF-TESTING



Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT0452WM	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	200	1 h battery + M	0...+35°C	3 x 2,5 mm ² -o-	0,6
Y0452WM	(individually packed incl. TWT0452WM)						0,7

SELF-CONTAINED EMERGENCY LIGHTS WITH 3 H BATTERY AND SELF-TESTING

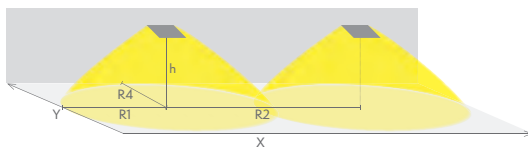


Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT0453WM	220-240 V, 50/60 Hz AC	6 VA during boost charge 5,5 VA during trickle charge	200	3 h battery + M	0...+35°C	3 x 2,5 mm ² -o-	0,8
Y0453WM	(individually packed incl. TWT0453WM)						0,9

LIGHT DISTRIBUTION TABLES

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)

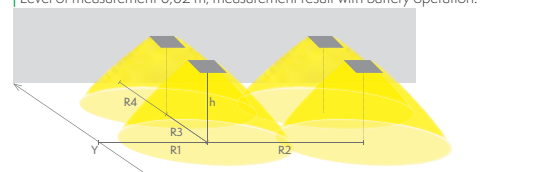
TWT0452WM, TWT0453WM

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

NOTE! For escape route lighting we recommend Linespot II Lowbay (TWT14) luminaires, look at p. 166.

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)

TWT0452WM, TWT0453WM

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
4	1,7	6	11	11	6

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

ACCESSORIES

Product code	Product description
TMT389	Gasket ring, through which the visible parts of the light will achieve IP44 protection rating
XJ0414	Extension wire set for self-contained luminaires, 50 cm