

- ⊕ = 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

CENTRALLY SUPPLIED LUMINAIRES

24-230V CENTRALLY SUPPLIED EMERGENCY LIGHTS

Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9271W	24-230 V, 50/60 Hz AC,DC	24 V= 8 VA / 5 W 230 V= 10 VA / 5 W	185	CBS	-30... +50°C	24 V= 2 x 2,5 mm ² 230 V= 3 x 2,5 mm ² -o-	0,5
Y9271W	(individually packed incl. TWT9271W)						0,6

ADDRESSABLE 230 V CENTRALLY SUPPLIED EMERGENCY LIGHTS

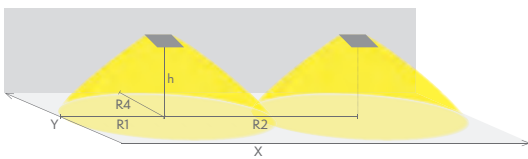


Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9251WK	220-240 V, 50/60 Hz AC,DC	10 VA / 5,5 W	185	CBS / C+ IC	-30... +50°C	2/3 x 2,5 mm ² -o-	0,5
Y9251WK	(individually packed incl. TWT9251WK)						0,6

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)

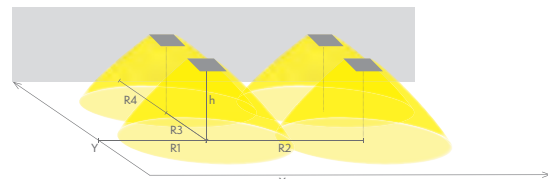
TWT9271W, TWT9251WK

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 (TWT99) luminaires, look at p. 154.

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)

TWT9271W, TWT9251WK

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 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)
TWS9292WA	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	2/3 x 2,5 mm ² -o-	0,9
Y9292WA	(individually packed incl. TWS9292WA)						
TWS9292WAC *)	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	81	1 h Escap + Aalto	-25... +35°C	2/3 x 2,5 mm ² -o-	0,9
Y9292WAC	(individually packed incl. TWS9292WAC)						

*) Higher luminous flux

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



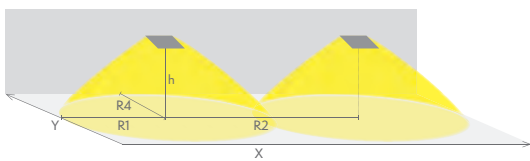
Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWS9292WM	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	65	1 h Escap + M	-25... +35°C	2/3 x 2,5 mm ² -o-	0,9
Y9292WM	(individually packed incl. TWS9292WM)						
TWS9292WMC *)	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	81	1 h Escap + M	-25... +35°C	2/3 x 2,5 mm ² -o-	0,9
Y9292WMC	(individually packed incl. TWS9292WMC)						

*) 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)

TWS9292WM, TWS9292WA

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

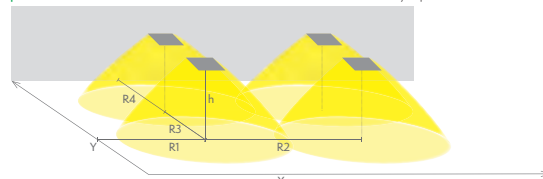
TWS9292WMC, TWS9292WAC

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	4	8	4

NOTE! For escape route lighting we recommend Linespot II Lowbay (TWT99) luminaires, look at p. 154.

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)

TWS9292WM, TWS9292WA

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

TWS9292WMC, TWS9292WAC

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

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- ⊕ = 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)
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- Escap = Self-contained luminaire with 1 h super capacitor backup
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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)
TWT9252WA	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	185	1 h battery + Aalto	0... +35°C	2/3 x 2,5 mm ² -o-	0,7
Y9252WA	(individually packed incl. TWT9252WA)						0,8

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

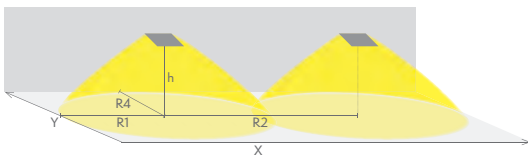


Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9253WA	220-240 V, 50/60 Hz AC	6 VA during boost charge 5,5 VA during trickle charge	185	3 h battery + Aalto	0... +35°C	2/3 x 2,5 mm ² -o-	0,9
Y9253WA	(individually packed incl. TWT9253WA)						1,0

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 1838.1
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)

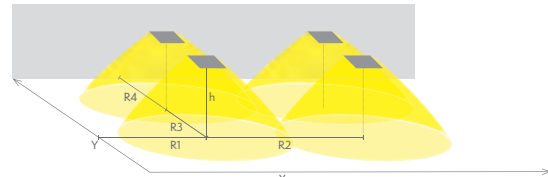
TWT9252WA, TWT9253WA

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 (TWT99) luminaires, look at p. 154.

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)

TWT9252WA, TWT9253WA

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)
TWT9252WM	220-240 V, 50/60 Hz AC	3 VA during boost charge 2 VA during trickle charge	185	1 h battery + M	0... +35°C	2/3 x 2,5 mm ² -o-	0,7
Y9252WM	(individually packed incl. TWT9252WM)						

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

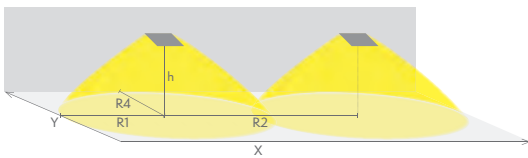


Product code	Nominal supply voltage	Max input power	Luminous flux (lm)	Operation mode	Temperature range	Electrical installation	Weight (kg)
TWT9253WM	220-240 V, 50/60 Hz AC	6 VA during boost charge 5,5 VA during trickle charge	185	3 h battery + M	0... +35°C	2/3 x 2,5 mm ² -o-	0,9
Y9253WM	(individually packed incl. TWT9253WM)						

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.



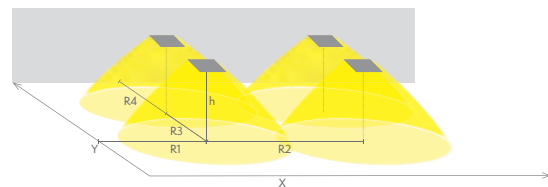
R1 distance from wall (X axis)
R2 installation distance between lights (X axis)
R4 distance from wall (Y axis)

TWT9252WM, TWT9253WM

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)

TWT9252WM, TWT9253WM

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

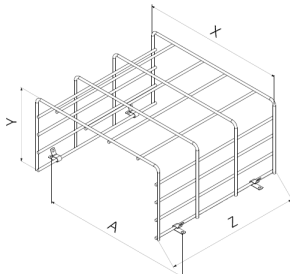
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- IP20 = Protection rating
- RAL = Colour of the body
- 5000 = Viewing distance
- LED = LED as a light source
- Aalto = Aalto Control compatible (incl. Lumi Test)
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- 850 = compliant with the 850 glow wire test
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ACCESSORIES

Product code	Product description
TW77504F	Suspension bracket
TW77507B	Shock protecting cover (dimensions: X=320, Y=165, Z=305, A=340)

SHOCK PROTECTING COVER
TW77507B



SUSPENSION BRACKET
TW77504F

