

ZEMPER
THE EMERGENCY LIGHTING SPECIALIST



SPAZIO MINI / NANO

Spazio vs Spazio Mini & Spazio Nano



ZEMPER

THE EMERGENCY LIGHTING SPECIALIST

AMAZING

as powerful as any

the smallest luminaire
we have **ever** made



▲
real size









Real size



SPAZIO MINI

Patent Pending

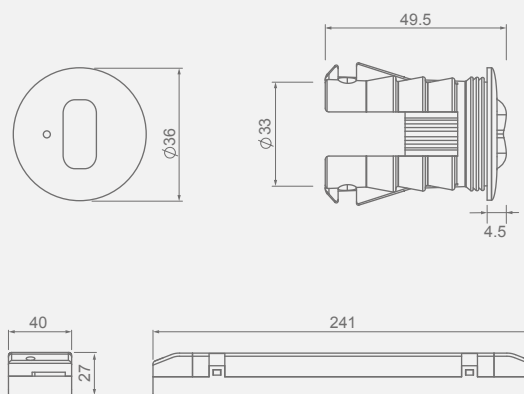
SPECIFICATION

-  Polycarbonate body
-  Escape route lens - D
Anti-panic lens - R
-  IP40
-  IK04
-  165 lm - 250 lm
-  Duration: 1 - 3 h · Battery: LFP
-  Charging time: 12 h
-  Supply: 230 V - 50 Hz
-  LED temperature: 4000 °K
-  Working temperature: 0 °C to +40 °C
-  AutoTest
-  Wireless addressable monitoring



AutoTest & WSS Lithium

DIMENSIONS (mm)



STANDARDS COMPLIANCE

EN-60598-2-22
AutoTest: EN-62034
Wireless: ETSI EN 300 220
DALI: EN 62386

CERTIFICATIONS



RANGE							
	Emergency	Mains	Type*	Lens**	Dur.	Battery	Ref.
AutoTest	250 lm		NM	R	1 h	3.2V 1.5A/h LFP	LMR9250LX
	250 lm		NM	D	1 h	3.2V 1.5A/h LFP	LMR9251LX
Wireless	250 lm	150 lm	M/NM	R	1 h	3.2V 1.5A/h LFP	LMR9250LDPW
	250 lm	150 lm	M/NM	D	1 h	3.2V 1.5A/h LFP	LMR9251LDPW
	165 lm	100 lm	M/NM	R	3 h	3.2V 1.8A/h LFP	LMR9170LDP3W
	165 lm	100 lm	M/NM	D	3 h	3.2V 1.8A/h LFP	LMR9171LDP3W
DALI	250 lm	150 lm	M/NM	R	1 h	3.2V 1.5A/h LFP	LMR9250LAP
	250 lm	150 lm	M/NM	D	1 h	3.2V 1.5A/h LFP	LMR9251LAP
	165 lm	100 lm	M/NM	R	3 h	3.2V 1.8A/h LFP	LMR9170LAP3
	165 lm	100 lm	M/NM	D	3 h	3.2V 1.8A/h LFP	LMR9171LAP3

*NM: Non Maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.

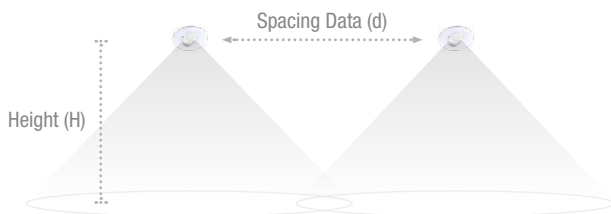
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

**R: Round Lens (Anti-panic) / D: Directional Lens (Escape route)

For version in black colour, add an 'N' at the end of the reference.

SPACING TABLE

ESCAPE ROUTE LENS

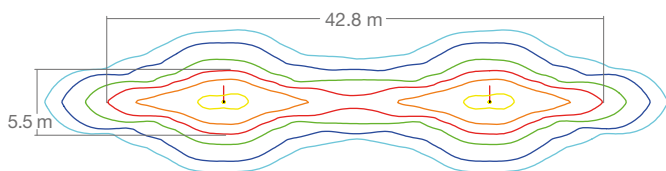


Spacing table calculated with 1 lux minimum illuminance

Height (H)	Spacing Data (d)	
	165 lm	250 lm
2.5 m	20.2 m	21.7 m
3 m	22.6 m	24.4 m
4 m	25.0 m	28.7 m
5 m	25.3 m	30.9 m
6 m	22.8 m	31.1 m

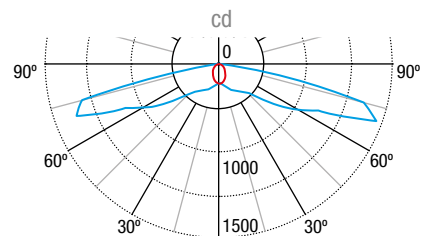
ISOLUX CURVE

250 lm luminaire placed at 3 m height



Isoline — 0.1 lx — 0.2 lx — 0.5 lx — 1.0 lx — 2.0 lx — 5.0 lx

PHOTOMETRIC GUIDE

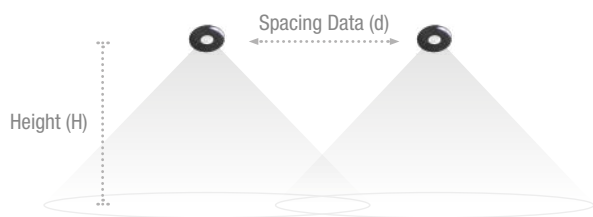


— C0 - C180 — C90 - C270

SPAZIO MINI

ZEMPER

ANTI-PANIC LENS

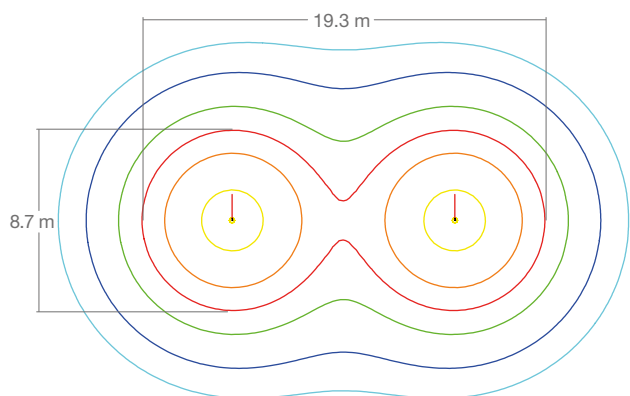


Spacing table calculated with 0.5 lux minimum illuminance

Height (H)	Spacing Data (d)	
	165 lm	250 lm
2.5 m	11.2 m	12.5 m
3 m	12.2 m	13.7 m
4 m	13.8 m	15.6 m
5 m	14.7 m	17.1 m
6 m	15.3 m	18.0 m

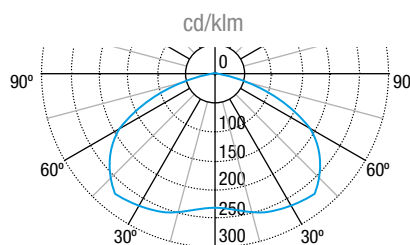
ISOLUX CURVE

250 lm luminaire placed at 3 m height



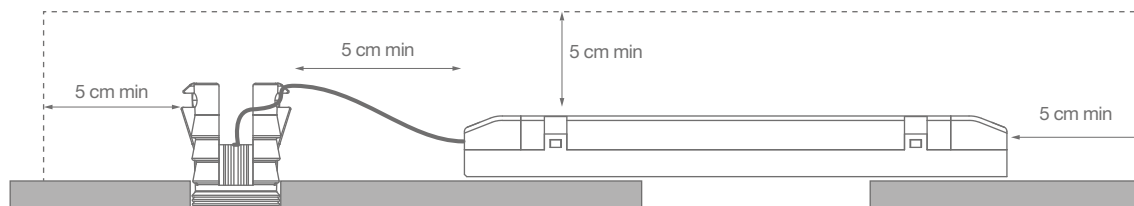
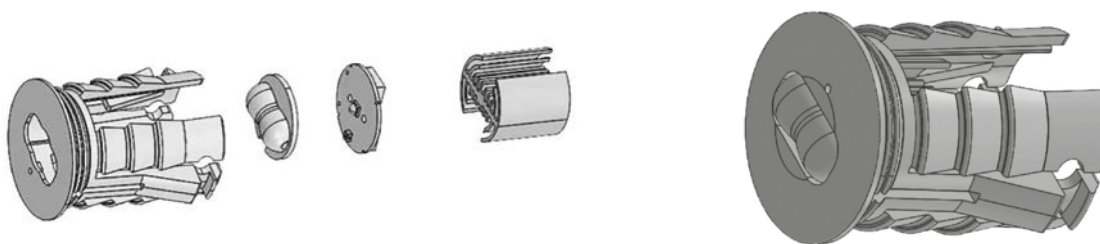
Isoline — 0.1 lx — 0.2 lx — 0.5 lx — 1.0 lx — 2.0 lx — 5.0 lx

PHOTOMETRIC GUIDE



— C0 - C180 — C90 - C270

Compact and simple design for different applications



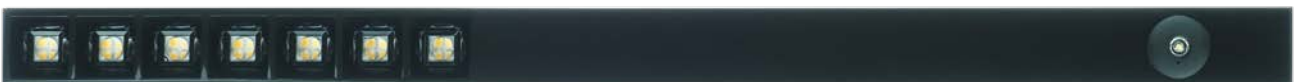
Please notice that **drilling hole** for luminaire is 30 mm and electronic box (40 mm) won't fit through the luminaire hole. This luminaire is designed for suspended ceilings and for continuous luminaires

Luminaire recommended for suspended ceilings



and for continuous luminaires

PERFECT INTEGRATION





Real size



SPAZIO NANO

SPECIFICATION



Polycarbonate body



Escape route lens - D
Anti-panic lens - R

IP

IP40

IK

IK04

lm

165 lm - 250 lm



Duration: 1 - 3 h · Battery: LFP



Charging time: 12 h



Supply: 230 V - 50 Hz

LED

LED temperature: 4000 °K



Working temperature: 0 °C to +40 °C



AutoTest

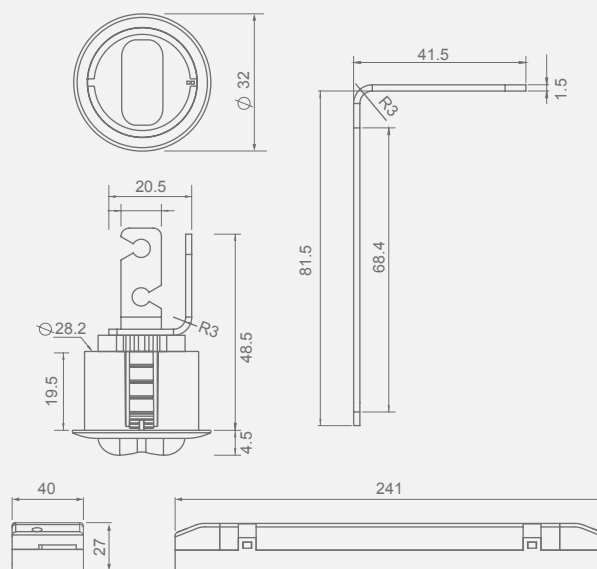


Wireless addressable monitoring



AutoTest & WSS Lithium

DIMENSIONS (mm)



STANDARDS COMPLIANCE

EN-60598-2-22

AutoTest: EN-62034

Wireless: ETSI EN 300 220

DALI: EN 62386

CERTIFICATIONS



RANGE							
	Emergency	Mains	Type*	Lens**	Dur.	Battery	Ref.
AutoTest	250 lm		NM	R	1 h	3.2V 1.5A/h LFP	LML9250LX
	250 lm		NM	D	1 h	3.2V 1.5A/h LFP	LML9251LX
Wireless	250 lm	150 lm	M/NM	R	1 h	3.2V 1.5A/h LFP	LML9250LDPW
	250 lm	150 lm	M/NM	D	1 h	3.2V 1.5A/h LFP	LML9251LDPW
	165 lm	100 lm	M/NM	R	3 h	3.2V 1.8A/h LFP	LML9170LDP3W
	165 lm	100 lm	M/NM	D	3 h	3.2V 1.8A/h LFP	LML9171LDP3W
DALI	250 lm	150 lm	M/NM	R	1 h	3.2V 1.5A/h LFP	LML9250LAP
	250 lm	150 lm	M/NM	D	1 h	3.2V 1.5A/h LFP	LML9251LAP
	165 lm	100 lm	M/NM	R	3 h	3.2V 1.8A/h LFP	LML9170LAP3
	165 lm	100 lm	M/NM	D	3 h	3.2V 1.8A/h LFP	LML9171LAP3

*NM: Non Maintained. The luminaire operates from emergency supply only upon failure of the normal mains supply.

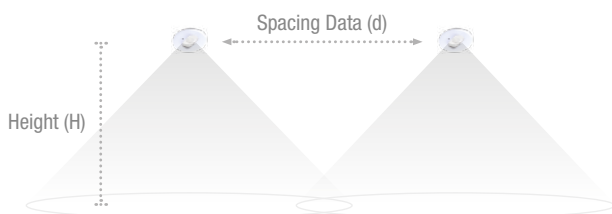
*M/NM: Maintained/Non Maintained. With a third terminal which allows to switch off/on the Maintained mode when connected to mains supply.

**R: Round Lens (Anti-panic) / D: Directional Lens (Escape route)

For version in black colour, add an 'N' at the end of the reference.

SPACING TABLE

ESCAPE ROUTE LENS

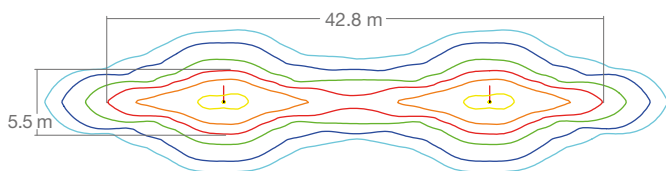


Spacing table calculated with 1 lux minimum illuminance

Height (H)	Spacing Data (d)	
	165 lm	250 lm
2.5 m	20.2 m	21.7 m
3 m	22.6 m	24.4 m
4 m	25.0 m	28.7 m
5 m	25.3 m	30.9 m
6 m	22.8 m	31.1 m

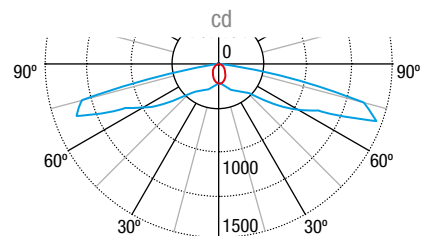
ISOLUX CURVE

250 lm luminaire placed at 3 m height



Isoline — 0.1 lx — 0.2 lx — 0.5 lx — 1.0 lx — 2.0 lx — 5.0 lx

PHOTOMETRIC GUIDE



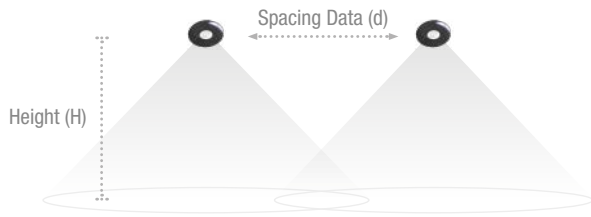
— C0 - C180 — C90 - C270

SPAZIO NANO

ZEMPER

ANTI-PANIC LENS

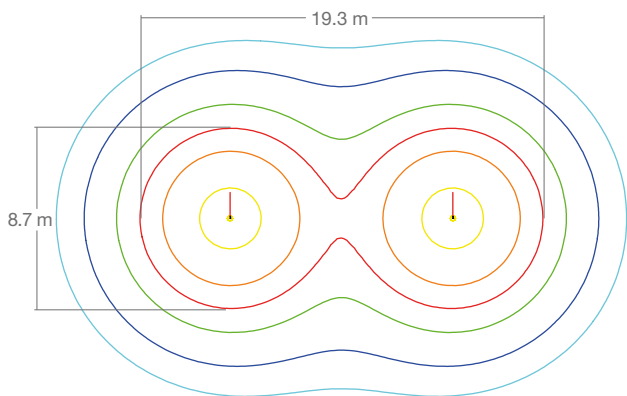
Spacing table calculated with 0.5 lux minimum illuminance



Height (H)	Spacing Data (d)	
	165 lm	250 lm
2.5 m	11.2 m	12.5 m
3 m	12.2 m	13.7 m
4 m	13.8 m	15.6 m
5 m	14.7 m	17.1 m
6 m	15.3 m	18.0 m

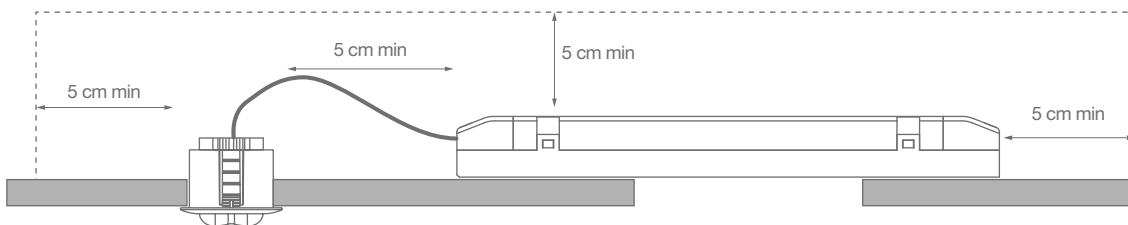
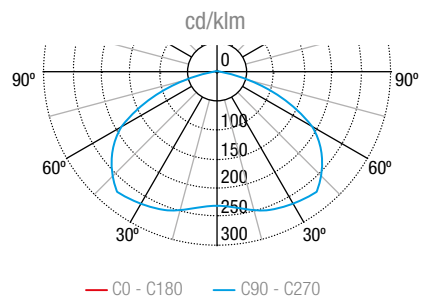
ISOLUX CURVE

250 lm luminaire placed at 3 m height

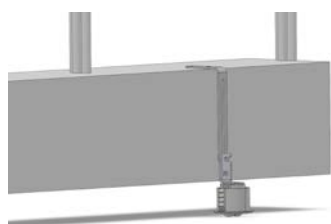
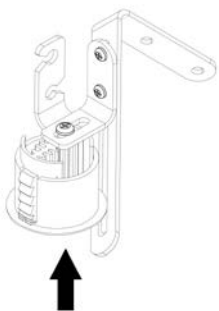
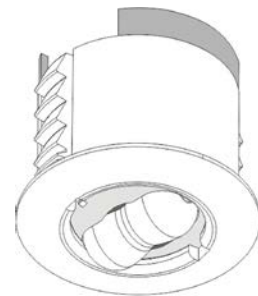


Isoline — 0.1 lx — 0.2 lx — 0.5 lx — 1.0 lx — 2.0 lx — 5.0 lx

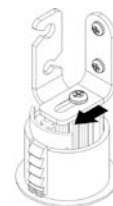
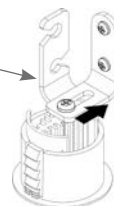
PHOTOMETRIC GUIDE



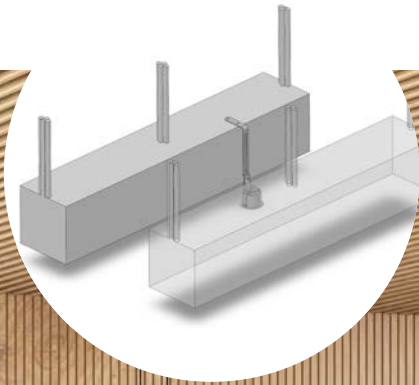
Please notice that **drilling hole** for luminaire is 29 mm and electronic box (40 mm) won't fit through the luminaire hole. This luminaire is designed for slatted ceilings and for continuous luminaires.



Strength relief



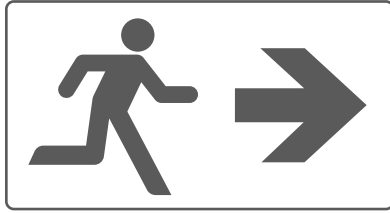
Luminaire recommended for slatted ceilings



and for continuous luminaires

PERFECT INTEGRATION





ZEMPER

THE EMERGENCY LIGHTING SPECIALIST

Avda. de la Ciencia s/n · Pol. Industrial Avanzado
13005 Ciudad Real (Spain)
Tel. +34 926 271 837 · export@zemper.com

Zemper BeLux
Baronstraat 122
8870 IZEGEM · Belgium
Tel. +32 51 800 210
belux@zemper.com

Zemper France
ZA des Berthilliers · 189 Chemin des Frozières
71850 Charnay-lès-Mâcon · France
Tel. +33 3 85 34 66 20
commercial@zemperfrance.com

Commercial Offices
Morocco
maroc@zemper.com
Colombia
export@zemper.com

www.zemper.com