



# Catalogue Emergency Lighting

2024 version

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Life Is On

**Schneider**  
Electric



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# Green Premium™

Schneider Electric's commitment to deliver products with best-in-class environmental performance.



More than 75% of our product sales offer superior transparency on the material content, regulatory information and environmental impact of our products:

- RoHS compliance
- REACH substance information
- Industry leading # of PEP's\*
- Circularity instructions



Learn more about **Green Premium**

Green Premium promises compliance with the latest regulations, transparency on environmental impacts as well as circular and low-CO<sub>2</sub> products.

#### CO<sub>2</sub> and P&L impact through... Resource Performance

Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO<sub>2</sub> emissions.

#### Cost of ownership optimization through... Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

#### Peace of mind through... Well-being Performance

Green Premium products are RoHS and REACH compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

#### Improved sales through... Differentiation

Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.












\*PEP: Product Environmental Profile (i.e. Environmental Product Declaration)

## Summary A Emergency Lighting and exit sign luminaires








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## Self-Contained Emergency Lighting

	 Standard	 Activa	 Activa-link	 Dicube/DALI
<b>Remote Monitoring System</b>	/	/	 Monitoring APP	 Control Unit Dicube/SpaceLink
<b>Communication between devices</b>	/	/	 Radio frequency	 Dicube or DALI wired network
<b>Periodic tests</b>	/	 Automatic single device tests	 Automatic single device tests	 Automatic testing by control unit

### Key to symbols

						
Luminous flux in emergency, here 500lm	Visibility distance, here 24m and 30m	Protection rating, here IP65*	Degree of impact resistance, here: IK09	Autonomy here: 1h, 2h, 3h	Recharge time, here: 1h, 2h and 3h models recharge in 12h	Operating temperature, here: 0°C-40°C

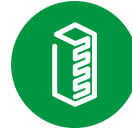
\*N. B.: The IP65 protection rating can be guaranteed if the installation is compliant with the product instructions. Inappropriate use such as mounting on ropes, poles, under metal grates and direct exposure to sunlight can impair the mechanical properties and thus the protection rating.

## Centralized power devices



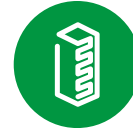
230V

230V luminaire compatible with Exiway Power central power supply in a conventional architecture with emergency function. Manual operating checks only.









230V DALI

230V luminaires compatible with Exiway Power central power supply in a KNX-DALI architecture with the SpaceYnk controller providing the digital system report.



Control

Control devices compatible with Exiway Power Control central power supply that integrate the system control, reporting and verification system.

Remote Monitoring System	/	 Control Unit SpaceYnk	 Unit integrated into the central battery system Exiway Power Control
Communication between devices	/	 Wired network	 Wired network
Periodic tests	/	 Automatic testing by control unit	 Automatic testing via integrated central battery system

### Key to symbols



Insulation grade II



Battery type, here: LiFePO4



Glow wire 850°C (IEC 60695-2-10)



Light source: Long-life LED (over 100,000 h)



Quality mark

# Exiway Light



Multi-performance range with jumper-selectable autonomy and dual operation (M-NM). With just three models, in three light sizes from 50 to 500 lumen, it is possible to meet 15 different performance requirements. IP42 or IP65 versions in a compact housing that minimises the aesthetic impact within the environment. Signalling function and wireless connected models with remote monitoring.

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## Features



- Power: 230 V 50/60 Hz
- Bi-material cable and pipe entries up to 16 mm
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate housing 94 V-2 (UL94)
- EN 60598-2-22, EN 62471 - Risk Group RG0
- Activa and Activa-link models with controllable ON-OFF operation (jumper must remain in the Non Maintained (N.M) position)
- Activa-link models to combine with dedicated concentrator for remote monitoring



## Installations



Wall



Ceiling



Wall with exit sign kit OVA53214 (20m)

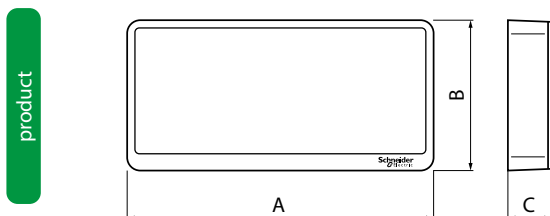


Flag installation with exit sign kit OVA53214 and dedicated bracket OVA53226 (20m)



Ceiling with exit sign kit OVA53214 and ceiling bracket OVA53227 (20m)

## Dimensions



(AxBxC) 229x112x32



## Exiway Light

### Multiple performance



The standard autonomy of 1h can be increased to 1.5h, 2h, or 3h depending on design requirements. Each model has dual Emergency Only (N.M.) or Always On (M) operation selectable by jumper.

### Exit sign function



Signalling function with removable diffuser and pictogram kit for all signalling. The brackets for flag and ceiling installation allow all the applications maintaining IP65 rating.

### Fast installation



Optimized design and easiness of installation thanks to quick-fit connectors and 5 bi-material cable entries: IP65 without accessories.

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## Product Codes

## Exiway Light

Protection rating	Operation	Emergency flux (lm)*				Maintained flux (lm)	Model	Description	Reference
		1h	1.5h	2h	3h				
<b>Standard</b>									
IP42	M-NM	110	90	70	50	70	Light 110	Exiway Light IP42 Std 110 1/1.5/2/3h M-NM	OVA44016
	M-NM	250	200	150	120	150	Light 250	Exiway Light IP42 Std 250 1/1.5/2/3h M-NM	OVA44018
IP65	M-NM	110	90	70	50	70	Light 110	Exiway Light IP65 Std 110 1/1.5/2/3h M-NM	OVA44017
	M-NM	250	200	150	120	150	Light 250	Exiway Light IP65 Std 250 1/1.5/2/3h M-NM	OVA44019
<b>Activa-link</b>									
IP65	M-NM	110	90	70	50	70	Light 110	Exiway Light IP65 Act-link 110 1/1.5/2/3h M-NM	OVA44211
	M-NM	250	200	150	120	150	Light 250	Exiway Light IP65 Act-link 250 1/1.5/2/3h M-NM	OVA44213
	M-NM	500	400	300	250	230	Light 500	Exiway Light IP65 Act-link 500 1/1.5/2/3h M-NM	OVA44215

\*Flux compliant with EN 60598-2-22.

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\*\*This product is provided with adhesive pictograms

## Installation accessories

Code OVA53215



Opal screen makes the luminaire invisible for perfect integration. Luminous flux is reduced by 15%

Code OVA53216



Polycarbonate diffuser to improve luminous diffusion. Luminous flux is reduced by 15%

## Exit sign accessories

Code OVA53214



Exit sign kit consisting of modular plastic pictograms and diffuser. For all signals: right, left, down and up. Visibility distance 20m\*

Code OVA53226



Support for flag installation

Code OVA53227



Support for ceiling installation

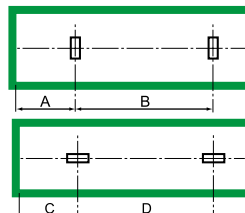
\*Signal visibility distance compliant with EN 1838.



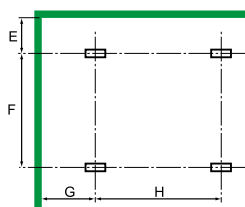
## Spacing table

## Exiway Light

### Escape routes



### Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>120 lm 3h</b>												
OVA44018	2.00	10.64	2.99	7.26	2.91	7.25	26.18	3.09	7.46	3.02	7.19	41.36
	2.50	6.81	3.17	7.96	3.09	7.89	30.22	3.34	8.22	3.26	7.85	52.07
	3.00	4.73	3.27	8.53	3.19	8.45	34.81	3.54	8.86	3.46	8.50	57.57
	3.50	3.47	3.32	8.84	3.21	8.76	29.16	3.64	9.63	3.53	9.35	60.14
	4.00	2.66	3.24	9.08	3.15	9.00	32.13	3.71	10.31	3.63	9.92	61.88
	5.00	1.70	2.80	9.25	2.69	9.16	22.31	3.78	11.07	3.64	10.67	59.50
	6.00	1.18	1.75	8.88	1.72	8.84	10.71	3.61	11.89	3.56	11.48	64.26
<b>500 lm 1h</b>												
OVA44215	2.00	44.31	4.49	9.67	4.44	10.56	61.88	4.25	8.50	4.21	9.56	83.90
	2.50	28.36	5.13	11.30	4.91	11.85	76.70	4.75	10.40	4.57	11.16	110.64
	3.00	19.69	5.53	12.73	5.30	12.94	89.70	5.14	11.90	4.95	12.41	133.21
	3.50	14.47	5.83	13.97	5.66	13.96	102.96	5.43	13.48	5.29	13.55	152.16
	4.00	11.08	6.10	14.82	5.93	14.81	107.11	5.73	14.75	5.58	14.48	173.75
	5.00	7.09	6.52	16.24	6.34	16.08	130.17	6.23	16.83	6.08	16.01	208.26
	6.00	4.92	6.78	17.30	6.55	17.22	139.24	6.66	18.24	6.45	17.41	235.64
	7.00	3.62	6.82	18.08	6.58	17.92	127.56	6.89	19.48	6.67	18.81	258.77
	8.00	2.77	6.71	18.65	6.48	18.41	152.33	7.06	20.74	6.83	20.06	252.30
	9.00	2.19	6.42	18.97	6.19	18.72	120.50	7.15	21.86	6.91	20.97	289.19
	10.00	1.77	5.95	18.98	5.66	18.81	104.13	7.20	22.48	6.87	21.78	238.02
<b>400 lm 1.5h</b>												
OVA44215	2.00	35.09	4.19	9.37	4.10	10.03	54.15	4.04	8.51	3.96	9.51	75.87
	2.50	22.46	4.70	10.91	4.51	11.24	67.87	4.51	10.15	4.34	10.71	97.62
	3.00	15.60	5.04	12.10	4.90	12.17	78.32	4.82	11.53	4.69	11.85	115.14
	3.50	11.46	5.39	13.10	5.19	13.03	83.83	5.14	12.98	4.97	12.88	135.76
	4.00	8.77	5.66	13.86	5.46	13.72	97.59	5.44	14.11	5.26	13.70	144.00
	5.00	5.61	5.91	15.11	5.75	15.04	100.41	5.86	15.66	5.72	14.92	171.07
	6.00	3.90	6.05	16.07	5.84	15.93	117.82	6.18	17.09	5.98	16.49	203.50
	7.00	2.86	5.98	16.54	5.77	16.47	116.63	6.35	18.47	6.14	17.68	207.74
	8.00	2.19	5.76	16.86	5.55	16.79	104.73	6.47	19.52	6.25	18.71	233.26
	9.00	1.73	5.20	16.93	4.99	16.79	72.30	6.50	20.25	6.26	19.61	192.79
	10.00	1.40	4.45	16.71	4.24	16.56	59.50	6.41	21.05	6.14	20.40	238.02
<b>300lm - 2h</b>												
OVA44215	2.00	26.44	3.88	8.93	3.80	9.37	47.31	3.83	8.10	3.76	8.90	66.94
	2.50	16.92	4.29	10.25	4.16	10.37	55.79	4.22	9.72	4.11	10.11	82.75
	3.00	11.75	4.62	11.28	4.49	11.23	62.93	4.50	11.13	4.39	11.16	99.07
	3.50	8.63	4.86	12.00	4.77	11.95	72.89	4.78	12.08	4.70	11.98	109.34
	4.00	6.61	5.03	12.74	4.94	12.62	77.36	5.02	13.08	4.94	12.70	133.29
	5.00	4.23	5.22	13.76	5.09	13.64	83.68	5.38	14.55	5.26	14.02	148.76
	6.00	2.94	5.17	14.30	5.03	14.18	85.69	5.53	15.93	5.40	15.38	155.31
	7.00	2.16	4.90	14.63	4.77	14.50	72.89	5.70	16.75	5.55	16.35	174.94
	8.00	1.65	4.34	14.66	4.21	14.47	57.12	5.67	17.69	5.51	17.28	152.33
	9.00	1.31	3.41	14.32	3.28	14.19	24.10	5.62	18.30	5.42	17.88	156.64
	10.00	1.06	0.79	13.75	0.79	13.68	0.00	5.27	19.07	5.27	18.48	119.01
<b>250 lm - 3h</b>												
OVA44215	2.00	22.24	3.72	0.91	3.54	0.97	42.55	3.65	8.35	3.49	8.58	61.88
	2.50	14.23	4.12	0.90	3.89	0.99	52.53	3.99	9.68	3.80	9.58	75.77
	3.00	9.88	4.41	0.91	4.17	1.01	58.24	4.28	10.78	4.07	10.32	89.03
	3.50	7.26	4.60	0.92	4.36	1.00	64.69	4.53	11.75	4.32	11.15	104.78
	4.00	5.56	4.73	0.92	4.48	1.01	64.26	4.76	12.39	4.54	11.67	109.49
	5.00	3.56	4.83	0.94	4.58	1.01	59.50	5.02	13.86	4.79	12.97	130.17
	6.00	2.47	4.65	0.96	4.44	1.00	64.26	5.15	15.05	4.95	14.13	139.24
	7.00	1.82	4.21	0.98	3.96	1.00	54.67	5.25	15.96	4.97	15.02	131.21
	8.00	1.39	3.40	1.00	3.15	1.00	19.04	5.16	16.72	4.83	15.76	142.81
	9.00	1.10	1.67	1.00	1.39	1.00	0.00	5.21	17.40	4.41	16.56	120.50



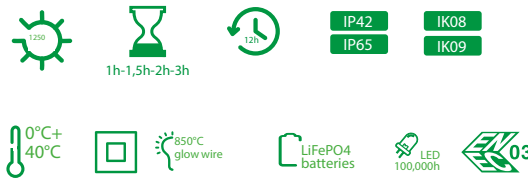
# Exiway Trend



Multi-performance range with jumper-selectable autonomies and dual operation (M-NM). Maximum flexibility with an attractive design in all applications. Luminous flux up to 1250lm, IP42 and IP65. Consisting of only two elements to be assembled, it offers 7 entry cables and sides and has quick-fixing hooks. Two-sided signalling function thanks to vetrosignal kit. Wireless connected models with remote monitoring.

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## Features



- Power: 230 V 50/60 Hz
- Cable and pipe entries up to 16 mm
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate housing 94 V-2 (UL94)
- EN 60598-2-22, EN 62471 - Risk group RG0
- Activa and Activa-link models with controllable ON-OFF operation (jumper must remain in Non Maintained position)
- Activa-link models to combine with dedicated Gateway for remote monitoring

## Installations



Wall recessed with box OVA53119



False ceiling recessed with box OVA53119 + OVA53131



Plasterboard recessed with kit OVA53120



Framed wall OVA53184 (optional)



Framed ceiling OVA53184 (optional)

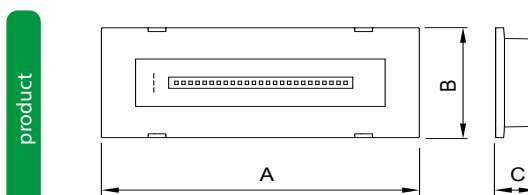


False ceiling recessed with OVA53120 and vetrosignal OVA53230 or OVA53231 (25m)

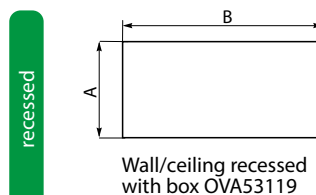


Wall with pictograms OVA53229 (20m)

## Dimensions

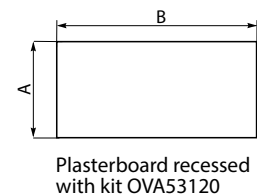


(AxBxC) 292x116x37 mm



Wall/ceiling recessed with box OVA53119

(AxB) 106x282 mm



Plasterboard recessed with kit OVA53120

(AxB) 132x312 mm

## Exiway Trend

### Multiple performance



The standard 1h autonomy can be increased to 1.5h, 2h, or 3h as required. Selectable Maintained (M) and Non Maintained (NM) operation.

### Exit sign function



Exiway Trend can be upgraded to a two-sided exit sign device with vetrosignal kit (25m) or adhesive pictograms (20m) for front installation while maintaining IP rating.

### Perfectly recessed



The silk printed-screen and the recessed installation make Exiway Trend perfectly integrated into the environment.

A

## Product Codes

## Exiway Trend

Protection rating	Operation	Emergency flux (lm)*				Maintained flux (lm)	Model	Description	Reference
		1h	1.5h	2h	3h				
<b>Standard</b>									
IP42	M-NM	110	90	70	50	70	Trend 110	Exiway Trend IP42 Std 110 1/1.5/2/3h M-NM	OVA47028
	M-NM	250	200	150	120	150	Trend 250	Exiway Trend IP42 Std 250 1/1.5/2/3h M-NM	OVA47030
IP65	M-NM	110	90	70	50	70	Trend 110	Exiway Trend IP65 Std 110 1/1.5/2/3h M-NM	OVA47029
	M-NM	250	200	150	120	150	Trend 250	Exiway Trend IP65 Std 250 1/1.5/2/3h M-NM	OVA47031
<b>Activa</b>									
IP65	M-NM	250	200	150	120	150	Trend 250	Exiway Trend IP65 Act 250 1/1.5/2/3h M-NM	OVA47131
	M-NM	500	400	300	250	230	Trend 500	Exiway Trend IP65 Act 500 1/1.5/2/3h M-NM	OVA47133
<b>Activa-link</b>									
IP65	M-NM	110	90	70	50	70	Trend 110	Exiway Trend IP65 Act-link 110 1/1.5/2/3h M-NM	OVA47211
	M-NM	250	200	150	120	150	Trend 250	Exiway Trend IP65 Act-link 250 1/1.5/2/3h M-NM	OVA47213
	M-NM	500	400	300	250	230	Trend 500	Exiway Trend IP65 Act-link 500 1/1.5/2/3h M-NM	OVA47215

\*Flux compliant with EN 60598-2-22.

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## Installation accessories

Code OVA53119



Recessed box

Code OVA53184



Frame for a more uniform design in wall installation

Code OVA53131



Fixing screws for installation in false ceilings to match recessed box OVA53119

Code OVA53120



Plasterboard kit (no recessed box required)

## Exit sign accessories

Code OVA53230 - Right/left



Vetosignal kit for two-sided signalling. Visibility distance 25m\*

Code OVA53231 - Down/Down



Vetosignal kit for two-sided signalling. Visibility distance 25m\*

Code OVA53229



Set of 4 adhesive pictograms with 20m\* visibility distance

\*Signal visibility distance compliant with EN 1838.

## Remote controllers

Code OVA53161 (150 devices)



TBS 150 for inhibition commands and ON-OFF management with power on. Only compatible with code OVA47019



# Spacing table

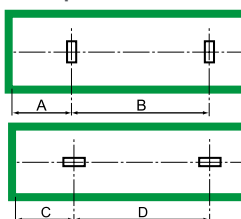
# Exiway Trend

OVA4700 .....see code

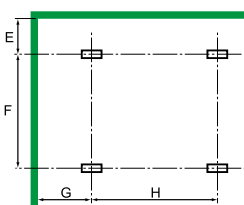
OVA47028 ..... OVA47028  
 OVA47029 ..... OVA47028  
 OVA47030 ..... OVA47030  
 OVA47031 ..... OVA47030  
 OVA47131 ..... OVA47030  
 OVA47133 ..... OVA47215

OVA47211 ..... OVA47028  
 OVA47213 ..... OVA47030  
 OVA47215 ..... OVA47215

## Escape routes



## Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m²)	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m²)
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>110 lm - 1h</b>												
OVA47028	2.00	9.65	2.83	6.53	2.78	6.76	24.99	2.85	6.42	2.81	6.84	35.11
	2.50	6.18	3.01	7.38	2.98	7.52	26.50	3.11	7.28	3.08	7.40	41.84
	3.00	4.29	3.05	8.00	2.95	8.11	27.45	3.34	8.18	3.24	8.00	52.21
	3.50	3.15	3.02	8.31	2.96	8.45	29.16	3.42	9.01	3.37	8.74	51.94
	4.00	2.41	2.85	8.32	2.80	8.43	23.80	3.43	9.73	3.38	9.46	58.31
	5.00	1.54	2.38	8.32	2.28	8.39	22.31	3.45	10.75	3.32	10.56	59.50
	6.00	1.07	1.11	7.76	1.11	7.83	2.68	3.18	11.18	3.18	10.70	42.84
<b>90 lm - 1.5h</b>												
OVA47028	2.00	7.90	2.65	6.29	2.63	6.43	22.02	2.73	6.14	2.71	6.46	32.73
	2.50	5.06	2.78	7.04	2.68	7.14	23.71	3.00	7.06	2.91	6.89	39.51
	3.00	3.51	2.73	7.48	2.68	7.61	21.42	3.14	7.92	3.10	7.66	44.18
	3.50	2.58	2.59	7.55	2.52	7.71	20.96	3.17	8.68	3.09	8.50	47.38
	4.00	1.98	2.48	7.53	2.43	7.59	19.04	3.14	9.24	3.09	9.06	38.08
	5.00	1.26	1.77	7.07	1.58	7.13	7.44	3.11	10.21	2.83	9.76	40.91
<b>70 lm - 2h</b>												
OVA47028	2.00	6.13	2.43	5.90	2.43	6.04	17.26	2.60	5.86	2.60	5.88	26.78
	2.50	3.92	2.37	6.52	2.33	6.64	14.88	2.80	6.67	2.76	6.50	34.40
	3.00	2.72	2.26	6.70	2.22	6.81	16.07	2.84	7.54	2.79	7.37	34.81
	3.50	2.00	2.17	6.59	2.14	6.64	14.58	2.80	8.09	2.78	7.99	29.16
	4.00	1.53	1.82	6.42	1.72	6.57	11.90	2.84	8.55	2.70	8.45	35.70
<b>50 lm - 3h</b>												
OVA47028	2.00	4.13	1.98	5.48	1.93	5.56	11.90	2.44	5.43	2.39	5.33	23.50
	2.50	2.64	1.87	5.70	1.82	5.80	10.69	2.51	6.31	2.45	6.21	26.03
	3.00	1.83	1.78	5.52	1.77	5.50	9.37	2.42	6.92	2.40	6.82	21.42
	3.50	1.35	1.40	5.11	1.34	5.23	3.64	2.30	7.49	2.23	7.26	21.87
	4.00	1.03	0.16	5.00	0.19	5.05	0.00	2.08	7.25	2.43	6.96	19.04
<b>250 lm - 1h</b>												
OVA47030	2.00	22.26	3.50	10.18	3.50	8.93	36.89	3.37	9.33	3.37	7.78	64.26
	2.50	14.25	3.92	10.14	3.85	9.71	46.49	3.72	10.44	3.66	8.49	72.99
	3.00	9.89	4.21	9.85	4.13	10.24	54.22	4.03	9.68	3.96	10.13	78.99
	3.50	7.27	4.44	10.69	4.36	10.88	60.14	4.27	10.58	4.21	10.82	92.03
	4.00	5.57	4.56	11.33	4.44	11.53	61.88	4.48	11.60	4.38	11.50	101.16
	5.00	3.56	4.62	12.24	4.50	12.46	59.50	4.81	13.15	4.69	12.80	120.87
	6.00	2.47	4.48	12.60	4.32	12.81	64.26	4.93	14.42	4.77	14.06	131.21
	7.00	1.82	4.16	12.78	4.04	12.89	51.02	4.98	15.50	4.85	15.12	116.63
	8.00	1.39	3.48	12.62	3.27	12.67	19.04	4.97	16.31	4.71	15.78	128.53
	9.00	1.10	2.00	12.09	1.83	12.14	24.10	4.85	16.84	4.49	16.30	96.40
<b>200 lm - 1.5h</b>												
OVA47030	2.00	17.87	3.33	8.52	3.26	8.39	33.92	3.19	9.01	3.13	7.25	52.66
	2.50	11.44	3.67	8.46	3.57	8.93	40.44	3.54	9.74	3.46	7.79	58.57
	3.00	7.94	3.91	9.34	3.81	9.65	47.53	3.81	9.38	3.72	9.59	70.29
	3.50	5.84	4.10	10.10	3.92	10.23	49.20	4.08	10.19	3.92	10.09	79.27
	4.00	4.47	4.11	10.62	3.97	10.81	52.36	4.22	11.04	4.09	10.73	90.45
	5.00	2.86	4.12	11.21	3.91	11.36	52.07	4.46	12.49	4.25	12.04	96.69
	6.00	1.99	3.79	11.39	3.68	11.49	42.84	4.44	13.57	4.33	13.11	99.07
	7.00	1.46	3.15	11.29	3.01	11.39	29.16	4.42	14.47	4.24	13.74	105.69
	8.00	1.12	1.81	10.74	1.70	10.79	19.04	4.29	14.94	4.06	14.33	76.17
<b>150 lm - 2h</b>												
OVA47030	2.00	13.09	3.05	7.93	3.02	7.56	27.67	3.04	8.32	3.01	6.86	44.63
	2.50	8.38	3.35	7.93	3.32	8.16	34.87	3.31	7.80	3.29	8.23	51.60
	3.00	5.82	3.51	8.69	3.45	8.90	36.15	3.58	8.77	3.53	8.76	58.91
	3.50	4.27	3.53	9.29	3.47	9.42	37.36	3.78	9.61	3.73	9.41	70.16
	4.00	3.27	3.54	9.58	3.48	9.79	38.08	3.90	10.34	3.84	10.14	71.41
	5.00	2.09	3.31	9.79	3.22	9.91	29.75	3.93	11.64	3.84	11.44	76.24
	6.00	1.45	2.70	9.72	2.61	9.85	29.45	3.90	12.52	3.79	12.20	77.65
	7.00	1.07	1.39	9.18	1.23	9.22	10.93	3.87	13.07	3.49	12.74	58.31
<b>120 lm - 3h</b>												

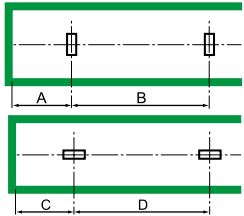


Spacing table

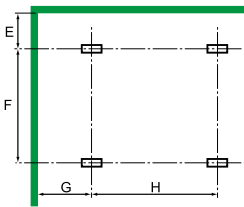
Exiway Trend

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line (m)				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array (m)				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A	B	C	D		E	F	G	H	
OVA47030	2.00	10.44	2.88	6.70	2.83	7.00	25.29	2.90	7.23	2.85	5.99	36.00
	2.50	6.68	3.11	7.56	3.06	7.70	29.75	3.17	7.54	3.12	7.60	45.09
	3.00	4.64	3.16	8.18	3.08	8.34	32.13	3.40	8.38	3.33	8.19	53.55
	3.50	3.41	3.15	8.61	3.07	8.72	29.16	3.54	9.08	3.46	8.89	58.31
	4.00	2.61	3.07	8.73	2.96	8.85	28.56	3.56	9.94	3.45	9.66	61.88
	5.00	1.67	2.74	8.73	2.63	8.81	22.31	3.58	11.01	3.46	10.72	59.50
	6.00	1.16	1.55	8.25	1.50	8.29	10.71	3.39	11.66	3.28	11.26	50.88
<b>500 lm - 1h</b>												
OVA47215	2.00	45.38	5.28	11.67	4.29	10.42	62.78	5.01	6.86	4.16	6.15	91.93
	2.50	29.04	4.65	13.43	4.70	11.50	72.52	4.40	12.10	4.44	10.36	112.50
	3.00	20.17	5.14	13.08	5.04	12.44	79.66	4.75	13.82	4.67	11.32	122.50
	3.50	14.82	5.55	14.19	5.39	13.23	92.03	5.12	14.88	4.99	11.85	143.05
	4.00	11.34	5.82	13.46	5.71	14.07	102.35	5.40	14.62	5.30	11.78	146.38
	5.00	7.26	6.29	15.12	6.17	15.40	119.01	5.89	15.24	5.79	15.30	187.81
	6.00	5.04	6.55	16.37	6.38	16.67	133.88	6.31	17.12	6.16	16.69	211.54
	7.00	3.70	6.64	17.22	6.41	17.52	116.63	6.61	18.50	6.40	17.88	236.90
	8.00	2.84	6.59	17.78	6.36	18.09	138.05	6.78	19.69	6.56	19.23	247.54
	9.00	2.24	6.36	18.09	6.13	18.24	108.45	6.87	20.90	6.64	20.24	265.09
10.00	1.82	6.01	18.25	5.77	18.25	104.13	6.94	21.84	6.68	21.35	238.02	
<b>400 lm - 1.5h</b>												
OVA47215	2.00	36.29	3.88	11.19	4.01	9.78	50.28	3.86	8.22	3.97	7.19	82.41
	2.50	23.22	4.42	12.72	4.37	10.72	59.50	4.18	11.72	4.15	9.80	100.41
	3.00	16.13	4.85	12.44	4.75	11.65	70.96	4.53	13.15	4.45	10.57	110.45
	3.50	11.85	5.14	11.90	5.05	12.44	79.27	4.83	13.06	4.75	10.49	117.54
	4.00	9.07	5.41	12.76	5.31	13.18	89.26	5.11	12.61	5.03	12.92	135.67
	5.00	5.81	5.75	14.29	5.65	14.48	96.69	5.55	14.70	5.46	14.45	159.92
	6.00	4.03	5.90	15.23	5.74	15.57	96.40	5.86	16.22	5.72	15.81	182.08
	7.00	2.96	5.87	15.76	5.67	16.18	112.98	6.09	17.41	5.90	16.99	189.52
	8.00	2.27	5.65	16.08	5.45	16.21	90.45	6.16	18.65	5.95	18.22	209.45
	9.00	1.79	5.30	16.21	5.14	16.28	84.35	6.21	19.56	6.04	19.12	192.79
10.00	1.45	4.61	16.13	4.40	16.20	74.38	6.20	20.36	5.94	19.90	215.70	
<b>300 lm - 2h</b>												
OVA47215	2.00	27.07	3.65	10.66	3.68	8.98	43.74	3.59	9.72	3.62	8.20	69.92
	2.50	17.33	4.12	10.54	4.08	9.92	51.60	3.91	11.27	3.88	9.14	77.63
	3.00	12.03	4.45	10.35	4.37	10.77	58.91	4.25	11.51	4.18	9.11	87.69
	3.50	8.84	4.69	11.16	4.64	11.48	67.43	4.52	11.20	4.48	11.34	102.96
	4.00	6.77	4.90	11.93	4.85	12.14	70.21	4.75	12.04	4.71	12.07	110.68
	5.00	4.33	5.09	13.04	4.96	13.27	78.10	5.13	13.69	5.01	13.46	137.60
	6.00	3.01	5.08	13.63	4.95	13.99	85.69	5.32	15.11	5.19	14.73	139.24
	7.00	2.21	4.81	13.95	4.72	14.06	58.31	5.37	16.34	5.28	16.09	160.36
	8.00	1.69	4.48	14.04	4.30	14.09	57.12	5.47	17.16	5.27	16.90	152.33
	9.00	1.34	3.68	13.82	3.50	13.81	24.10	5.37	17.99	5.13	17.42	144.60
10.00	1.08	2.17	13.24	2.03	13.36	29.75	5.24	18.49	4.94	17.91	119.01	
<b>250 lm - 3h</b>												
OVA47215	2.00	22.77	3.50	10.11	3.50	8.58	36.89	3.47	9.42	3.47	7.98	62.18
	2.50	14.57	3.92	9.91	3.85	9.40	46.49	3.82	10.50	3.76	8.45	69.73
	3.00	10.12	4.21	9.90	4.17	10.19	54.89	4.08	9.79	4.05	10.02	80.33
	3.50	7.44	4.44	10.68	4.40	10.88	60.14	4.33	10.72	4.29	10.85	92.94
	4.00	5.69	4.60	11.38	4.52	11.59	61.88	4.54	11.60	4.47	11.50	102.35
	5.00	3.64	4.62	12.24	4.54	12.57	59.50	4.83	13.15	4.75	12.80	122.73
	6.00	2.53	4.52	12.71	4.36	12.81	64.26	4.97	14.47	4.81	14.23	133.88
	7.00	1.86	4.21	12.83	4.12	12.83	54.67	5.00	15.54	4.91	15.30	116.63
	8.00	1.42	3.52	12.62	3.35	12.73	28.56	4.98	16.43	4.77	16.04	133.29
	9.00	1.12	2.24	12.14	2.08	12.20	24.10	4.87	16.94	4.55	16.40	96.40

Escape routes



Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.



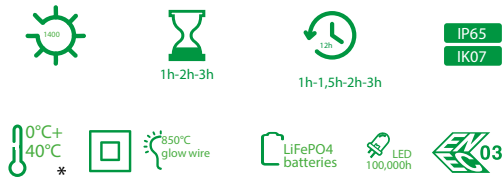
# Exiway Smartled



The range is complete with all versions up to 1400 lm and is able to fully meet the typical needs of the tertiary sector. It is available in self-testing and addressable version (Exiway Smartled Activa/Dicube), 230V version for Central Power Supply (Exiway Smartled EP) and Control (Exiway Smartled EPC) to satisfy any installation requirement.

A

## Features



- Power: 230 V 50 Hz
- Bi-material cable and pipe entries up to 20 mm (IP65 without accessories)
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate housing 94V-2 (UL94)
- EN 60598-2-22; EN 62471 Group 0
- Dicube models based on DALI protocol
- Dicube version compatible with the Dardo system; please refer to the specific instructions for the use procedure
- \*Control models with -25° +40°C operation; OVA48526 with -25°C +40°C operation

## Installations



Wall-mounted with frame included



Wall recessed with box OVA53157



Recessed in false ceiling/  
plasterboard with kit OVA59823



Ceiling

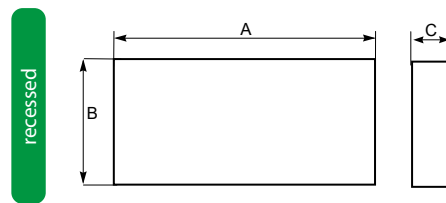
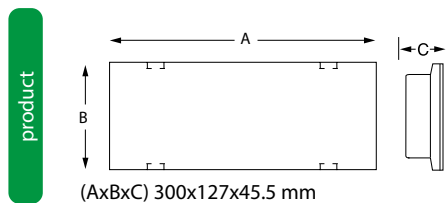


Ceiling signalling with  
Vetrosignal kit OVA53159 (30m)



Wall-mounted signalling screen  
OVA53158 (24m)

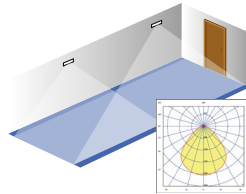
## Dimensions



- False ceiling
- Plasterboard
- (AxB) 278x105 mm
- (C) <100 mm

## Exiway Smartled

### High heights



High-performance models with a flux of up to 1400lm and for installation heights of up to 14 metres.

### Versatile and flexible



It meets all installation requirements in compact dimensions. Integrates signalling function with IP65 rating.

### Remote testing



Immediate testing with laser pointer and fault feedback at your fingertips via TBS remote control (Activa models).

A

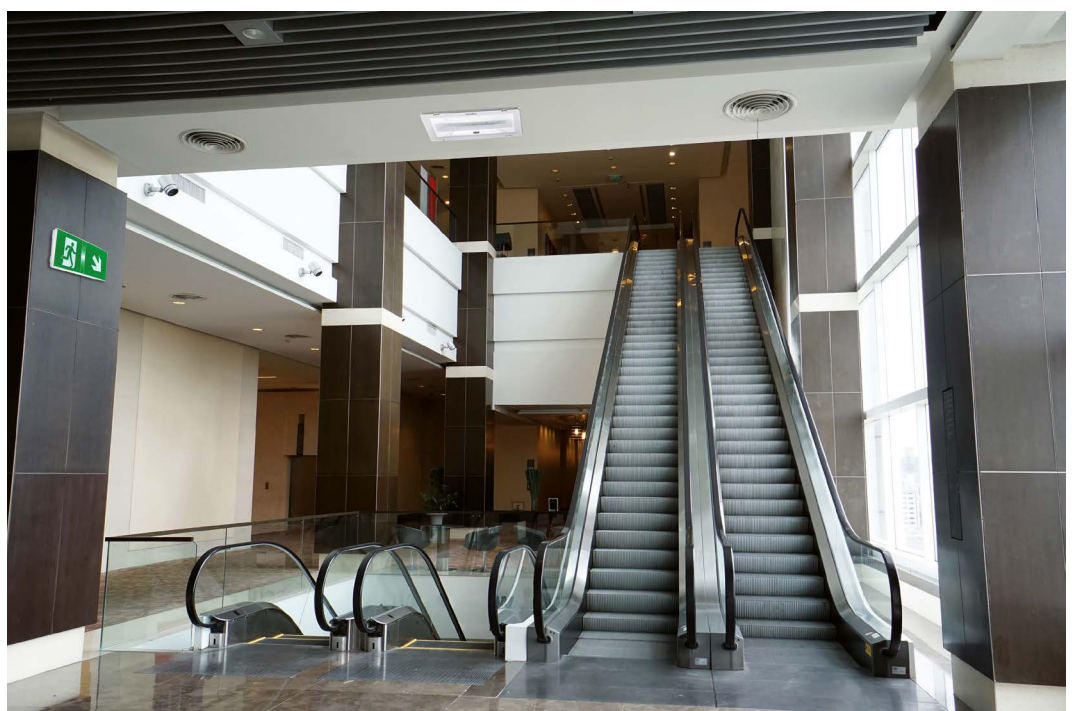
## Integrated solutions

Dicube models can be used in specific emergency lighting architectures with a Dicube controller or integrated into the KNX-DALI system for ordinary lighting management via the SpaceLYnk controller.



## EcoStruxure<sup>™</sup> Building

Dicube and SpaceLYnk controllers also allow information to be managed at a higher level, such as Schneider Electric's EcoStruxure Building platform dedicated to building automation.



## Product Codes

Protection rating	Operation	Emergency flux (lm)*				Maintained flux (lm)	Model	Description	Reference
		1h	1.5h	2h	3h				
<b>Activa/Dicube**</b>									
IP65	M-NM	250	200	150	120	110	Smartled 250	Exiway Smartled IP65 250 1/1.5/2/3h M-NM	OVA48524
	M-NM	500	400	300	250	250	Smartled 500	Exiway Smartled IP65 500 1/1.5/2/3h M-NM	OVA48525
	M-NM	800	560	450	330	500	Smartled 800	Exiway Smartled IP65 800 1/1.5/2/3h M-NM	OVA48527
	M-NM	1250	880	660	530	500	Smartled 1250	Exiway Smartled IP65 1250 1/1.5/2/3h M-NM	OVA48528
	M-NM	1400	1100	800	600	500	Smartled 1400	Exiway Smartled IP65 1400 1/1.5/2/3h M-NM	OVA48529
<b>-25°C Activa/Dicube**</b>									
IP65	M-NM	800	560	450	330	500	Smartled 800	Exiway Smartled IP65 800 1/1.5/2/3h M-NM	OVA48526
<b>230V (230AC-216DC)</b>									
IP65		350					SL300	Exiway Smartled IP65 230V 350lm	OVA48700
		650					SL600	Exiway Smartled IP65 230V 650lm	OVA48701
		1000					SL1000	Exiway Smartled IP65 230V 1000lm	OVA48702
<b>Control (230AC-216DC)</b>									
IP65		300					SL300	Exiway Smartled IP65 Control 300lm	OVA46020
		650					SL600	Exiway Smartled IP65 Control 650lm	OVA46021
		1000					SL1000	Exiway Smartled IP65 Control 1000lm	OVA46022

\*Flux compliant with EN 60598-2-22.

\*\* Models compatible with Exiway Dicube and Exiway DALI architectures.

Using Dicube devices on Dardo systems:

Thanks to innovative technology applied to electronics and design, Exiway Smartled Dicube devices can be used with Dicube and Dardo control units. This allows Dicube alternatives to replace Dardo devices in existing installations.

## Installation accessories

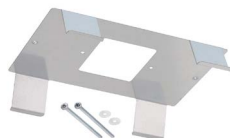
## Exiway Smartled

Code OVA53157



Recessed box 296x120x47 mm

Code OVA59823



Plasterboard recessed kit

Code OVA50347E



Suspension kit with fixing screws

Code OVA53163



Pipe connection for use with a 20 mm diameter pipe

Code OVA53160



Protection grid

A

## Exit sign accessories

Code OVA53158



Signalling screen made of polycarbonate and plastic pictograms for front, wall and recessed signalling. For all signals: right, left, down. Visibility distance 24m\*

Code OVA53165



4 optional 45° pictograms to signal stairs and height differences (to be combined with signalling screen OVA53158). Visibility distance 24m\*

Code OVA53159



Vetrosignal kit made of polycarbonate with 5 plastic screens for ceiling signalling right, left, down, up and neutral included. Visibility distance 30m\*

Code OVA53164



4 optional vetrosignal 45° Screens to signal stairs and height differences (to be combined with vetrosignal kit OVA53159). Visibility distance 30m\*

\*Signal visibility distance compliant with EN 1838.

## Remote controllers

## Control units

Code OVA53161 (150 devices)  
Code OVA53162 (250 devices)



TBS to be combined with Standard and Activa models; with Activa models, it provides feedback on any faults: TBS 150 in manual mode, TBS 250 in automatic mode every 12h

Code OVA53167



Exiway Smart Control - Control Unit 128 to control up to 128 Dicube devices consisting of the control unit and a Line Controller module (2 lines of 64 devices)

Code OVA53168



Exiway Line Controller module to increase the number of Dicube controllable devices by adding 2 lines of 64 devices in combination with Exiway Smart Control

Code LSS100200-SpaceLYnk  
Code MTN6725-0101-Gateway



SpaceLYnk is the logic controller for managing general building functions by integrating ordinary and emergency lighting via the KNX-DALI Gateway

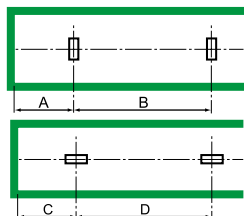
## Spacing table

## Exiway Smartled

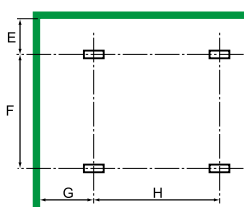
OVA48100	.....see code
OVA48524	.....OVA48524
OVA48525	.....OVA48525
OVA48526	.....OVA48526
OVA48527	.....OVA48527
OVA48528	.....OVA48528
OVA48529	.....OVA48529
OVA48700	.....OVA48700
OVA48701	.....OVA48701
OVA48702	.....OVA48702
OVA46020	.....OVA48700
OVA46021	.....OVA48701
OVA46022	.....OVA48702

A

### Escape routes



### Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A (m)	B	C	D		E (m)	F	G	H	
<b>250 lm - 1h</b>												
OVA48524	2,00	22,75	3,65	8,76	3,54	8,63	41,65	3,59	8,81	3,69	7,87	60,40
	2,50	14,56	4,12	10,05	3,89	9,55	50,21	3,76	9,65	3,96	8,99	76,24
	3,00	10,11	4,37	11,18	4,13	10,34	51,55	4,07	6,12	4,27	6,02	85,02
	3,50	7,43	4,03	12,01	4,32	10,99	56,49	4,60	6,62	4,32	6,65	99,32
	4,00	5,69	4,22	11,81	4,44	11,53	61,88	4,76	6,97	4,54	7,29	103,54
	5,00	3,64	4,42	11,82	4,54	12,35	59,50	4,96	9,27	4,85	9,94	115,29
	6,00	2,53	4,40	12,65	4,44	12,87	64,26	5,11	10,56	5,07	11,27	133,88
	7,00	1,86	4,08	13,00	4,12	13,00	54,67	5,22	12,34	5,17	11,59	116,63
	8,00	1,42	3,44	12,90	3,40	12,90	38,08	5,13	14,58	5,19	13,93	138,05
	9,00	1,12	2,16	12,61	2,12	12,49	24,10	4,95	16,08	5,04	15,62	120,50
<b>200 lm - 1.5h</b>												
OVA48524	2,00	18,20	3,46	8,37	3,33	8,16	36,60	3,31	8,19	3,42	7,53	54,45
	2,50	11,65	3,85	9,57	3,60	8,97	40,91	3,58	6,32	3,79	6,07	66,01
	3,00	8,09	3,61	10,56	3,81	9,70	44,85	4,05	5,79	3,87	5,82	76,98
	3,50	5,94	3,75	10,63	3,96	10,23	48,29	4,26	6,21	4,07	6,45	80,18
	4,00	4,55	3,90	10,67	4,04	10,71	55,93	4,39	7,46	4,26	7,86	89,26
	5,00	2,91	3,98	11,07	4,05	11,35	53,93	4,60	8,51	4,53	9,19	96,69
	6,00	2,02	3,75	11,54	3,79	11,64	42,84	4,69	10,91	4,65	10,44	101,75
	7,00	1,49	3,19	11,60	3,19	11,59	43,74	4,65	13,51	4,65	12,91	116,63
	8,00	1,14	2,03	11,31	1,99	11,20	19,04	4,50	14,27	4,57	13,88	95,21
<b>150 lm - 2h</b>												
OVA48105	2,00	13,65	3,23	7,95	3,05	7,52	29,75	3,05	7,45	3,21	6,96	47,60
OVA48106	2,50	8,74	3,23	8,94	3,26	8,28	34,40	3,46	4,91	3,43	4,91	55,79
OVA48316	3,00	6,07	3,22	9,28	3,42	8,85	36,15	3,77	5,31	3,58	5,53	59,58
OVA48317	3,50	4,46	3,38	9,21	3,50	9,29	39,18	3,87	6,67	3,76	7,11	68,34
OVA48520	4,00	3,41	3,45	9,29	3,54	9,62	38,08	4,01	6,90	3,92	7,42	67,83
	5,00	2,18	3,34	9,96	3,37	10,04	33,47	4,11	8,82	4,08	8,84	78,10
	6,00	1,52	2,80	10,03	2,80	10,03	32,13	4,12	10,94	4,12	10,38	85,69
	7,00	1,11	1,62	9,71	1,62	9,67	14,58	3,97	12,50	3,97	12,17	69,25

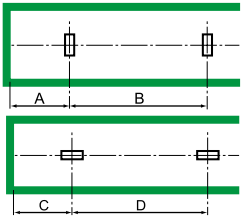
Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.



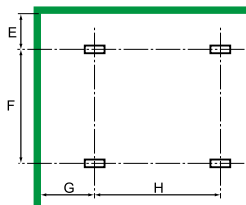
## Spacing table

## Exiway Smartled

### Escape routes



### Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m²)	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m²)
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>120 lm - 3h</b>												
OVA48524	2,00	10,92	3,02	7,58	2,83	7,07	24,99	2,92	4,34	3,08	4,25	40,17
	2,50	6,99	2,83	8,41	3,01	7,70	27,43	3,36	4,60	3,19	4,70	46,95
	3,00	4,85	3,00	8,30	3,13	8,18	32,80	3,51	5,19	3,38	5,51	50,88
	3,50	3,57	3,07	8,27	3,15	8,57	29,16	3,62	5,99	3,54	6,52	55,58
	4,00	2,73	3,07	8,66	3,13	8,85	32,13	3,70	6,76	3,64	7,32	61,88
	5,00	1,75	2,74	8,97	2,77	9,00	24,17	3,76	9,21	3,72	8,75	59,50
	6,00	1,21	1,86	8,80	1,83	8,80	10,71	3,64	10,97	3,69	10,60	64,26
<b>500 lm - 1h</b>												
OVA48525	2,00	54,11	4,71	11,02	4,49	10,56	68,73	4,94	6,55	5,16	5,73	93,72
	2,50	34,63	5,49	12,89	4,96	11,79	84,14	5,37	7,16	5,89	6,69	119,94
	3,00	24,05	5,95	14,61	5,41	12,73	96,40	5,50	7,72	5,99	7,62	145,26
	3,50	17,67	6,06	16,13	5,71	13,74	104,78	5,21	11,05	5,50	11,29	165,83
	4,00	13,53	5,77	17,40	6,04	14,59	105,92	5,83	8,88	5,59	9,42	184,46
	5,00	8,66	6,17	16,41	6,46	15,93	122,73	6,46	9,82	6,19	10,97	208,26
	6,00	6,01	6,61	16,99	6,72	16,98	139,24	6,73	10,72	6,62	11,90	224,93
	7,00	4,42	6,88	18,10	6,94	17,92	142,14	7,04	11,52	6,98	12,34	247,83
	8,00	3,38	6,89	18,91	6,95	18,65	152,33	7,27	12,49	7,21	12,01	257,06
	9,00	2,67	6,78	19,56	6,84	19,05	144,60	7,48	13,60	7,41	12,97	301,24
	10,00	2,16	6,56	19,83	6,56	19,32	119,01	7,51	16,52	7,51	15,89	282,64
<b>400 lm - 1,5h</b>												
OVA48525	2,00	36,40	3,93	9,45	4,06	9,84	54,45	4,50	5,71	4,37	5,14	78,84
	2,50	23,30	4,56	10,94	4,46	10,91	66,01	4,43	11,11	4,51	10,02	94,37
	3,00	16,18	5,09	12,33	4,80	11,84	76,98	4,54	11,97	4,78	11,11	118,49
	3,50	11,89	5,44	13,54	5,09	12,69	80,18	4,81	9,99	5,11	9,54	132,12
	4,00	9,10	5,41	14,53	5,31	13,38	89,26	5,21	8,01	5,30	7,85	146,38
	5,00	5,82	5,32	14,97	5,60	14,55	96,69	5,83	8,83	5,55	9,11	163,64
	6,00	4,04	5,60	14,83	5,74	15,36	101,75	6,10	10,50	5,96	11,25	179,41
	7,00	2,97	5,62	15,56	5,72	15,96	116,63	6,30	11,89	6,19	12,81	193,17
	8,00	2,27	5,50	16,15	5,55	16,35	95,21	6,39	14,12	6,33	14,48	223,74
	9,00	1,80	5,09	16,43	5,14	16,49	84,35	6,46	16,22	6,40	15,20	192,79
	10,00	1,46	4,40	16,35	4,40	16,34	89,26	6,38	18,90	6,38	18,03	215,70
<b>300 lm - 2h</b>												
OVA48525	2,00	27,30	3,76	8,96	3,72	9,15	47,60	4,03	5,32	4,06	4,77	67,54
	2,50	17,47	4,29	10,39	4,12	10,08	55,79	3,97	10,14	4,12	9,30	84,14
	3,00	12,13	4,71	11,61	4,41	10,94	59,58	4,24	9,48	4,49	9,05	99,07
	3,50	8,91	4,64	12,64	4,60	11,65	68,34	4,64	6,92	4,68	6,87	110,25
	4,00	6,82	4,48	13,25	4,77	12,26	67,83	5,03	7,34	4,76	7,52	119,01
	5,00	4,37	4,83	12,92	4,96	13,15	78,10	5,30	8,84	5,17	9,30	137,60
	6,00	3,03	4,86	13,40	4,95	13,81	85,69	5,51	10,11	5,42	10,91	144,60
	7,00	2,23	4,72	14,01	4,77	14,19	69,25	5,60	12,31	5,56	12,52	156,72
	8,00	1,71	4,30	14,22	4,30	14,28	57,12	5,64	14,43	5,64	13,66	152,33
	9,00	1,35	3,50	14,07	3,50	14,06	24,10	5,56	17,02	5,56	16,25	156,64
	10,00	1,09	2,13	13,75	2,08	13,62	29,75	5,35	17,61	5,46	17,26	133,88
<b>250 lm - 3h</b>												
OVA48525	2,00	22,75	3,65	8,76	3,54	8,63	41,65	3,59	8,81	3,69	7,87	60,40
	2,50	14,56	4,12	10,05	3,89	9,55	50,21	3,76	9,65	3,96	8,99	76,24
	3,00	10,11	4,37	11,18	4,13	10,34	51,55	4,07	6,12	4,27	6,02	85,02
	3,50	7,43	4,03	12,01	4,32	10,99	56,49	4,60	6,62	4,32	6,65	99,32
	4,00	5,69	4,22	11,81	4,44	11,53	61,88	4,76	6,97	4,54	7,29	103,54
	5,00	3,64	4,42	11,82	4,54	12,35	59,50	4,96	9,27	4,85	9,94	115,29
	6,00	2,53	4,40	12,65	4,44	12,87	64,26	5,11	10,56	5,07	11,27	133,88
	7,00	1,86	4,08	13,00	4,12	13,00	54,67	5,22	12,34	5,17	11,59	116,63
	8,00	1,42	3,44	12,90	3,40	12,90	38,08	5,13	14,58	5,19	13,93	138,05
	9,00	1,12	2,16	12,61	2,12	12,49	24,10	4,95	16,08	5,04	15,62	120,50

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

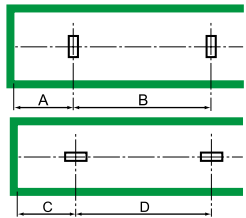


Spacing table

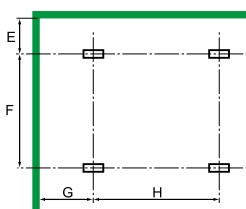
Exiway Smartled

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>800 lm - 1h</b>												
OVA48526	2,00	72,66	4,89	10,85	4,83	11,79	78,84	4,64	11,15	4,69	10,73	105,62
	2,50	46,51	5,68	12,46	5,30	13,21	97,16	5,06	12,78	5,39	12,34	135,74
	3,00	32,30	6,36	14,06	5,76	14,32	117,82	5,55	14,16	6,07	13,87	166,69
	3,50	23,73	7,02	15,55	6,19	15,37	131,21	5,95	9,20	6,69	9,30	191,34
	4,00	18,17	7,52	16,97	6,53	16,32	145,19	6,32	9,56	7,21	9,78	221,36
	5,00	11,63	7,01	19,42	7,14	18,05	161,78	6,68	18,00	6,57	19,40	265,91
	6,00	8,07	7,48	21,32	7,54	19,40	182,08	7,06	18,83	7,00	20,89	305,26
	7,00	5,93	7,91	19,81	7,84	20,47	189,52	7,54	19,77	7,60	22,55	317,08
	8,00	4,54	8,14	20,48	7,93	21,53	218,98	7,84	18,85	8,04	21,85	357,02
	10,00	2,91	8,25	21,45	8,03	22,24	192,79	8,05	20,23	8,25	23,08	373,54
	10,00	2,91	8,17	22,21	7,95	22,81	230,58	8,25	24,48	8,46	24,13	386,78
<b>560 lm - 1,5h</b>												
OVA48526	2,00	50,86	4,60	10,16	4,39	10,71	65,75	4,29	10,45	4,48	10,09	90,15
	2,50	32,55	5,30	11,72	4,85	11,93	81,82	4,73	11,86	5,12	11,64	117,15
	3,00	22,61	5,95	13,25	5,25	13,02	95,06	5,12	7,52	5,74	7,62	139,24
	3,50	16,61	6,38	14,60	5,55	13,89	106,61	5,48	8,15	6,23	8,45	160,36
	4,00	12,72	6,28	15,88	5,87	14,74	109,49	5,43	14,68	5,77	15,49	180,89
	5,00	8,14	6,23	17,77	6,29	16,25	126,45	6,02	15,81	5,97	17,37	215,70
	6,00	5,65	6,66	16,59	6,55	17,39	139,24	6,40	16,80	6,50	19,16	224,93
	7,00	4,15	6,88	17,44	6,70	18,17	138,50	6,70	16,09	6,86	18,62	247,83
	8,00	3,18	6,89	18,33	6,71	18,91	152,33	6,92	18,45	7,09	19,83	261,82
	9,00	2,51	6,78	18,89	6,54	19,31	144,60	7,03	21,16	7,27	20,88	313,29
	10,00	2,03	6,49	19,23	6,25	19,49	119,01	7,08	22,07	7,34	21,97	275,21
<b>450 lm - 2h</b>												
OVA48526	2,00	41,78	4,44	9,78	4,15	10,23	59,80	4,10	9,89	4,36	9,71	83,90
	2,50	26,74	5,13	11,30	4,56	11,37	73,45	4,51	8,90	5,01	9,00	104,13
	3,00	18,57	5,64	12,80	4,94	12,31	83,01	4,89	7,14	5,51	7,43	127,86
	3,50	13,64	5,88	14,05	5,24	13,17	91,12	5,07	7,67	5,63	8,15	145,79
	4,00	10,45	5,36	15,21	5,51	13,93	97,59	5,27	13,89	5,14	14,98	159,47
	5,00	6,69	5,91	16,25	5,85	15,19	107,85	5,67	14,71	5,72	16,66	178,51
	6,00	4,64	6,16	15,43	6,05	16,22	123,17	6,03	14,49	6,13	16,65	203,50
	7,00	3,41	6,25	16,39	6,09	16,99	116,63	6,27	15,68	6,42	17,72	222,32
	8,00	2,61	6,14	17,08	5,97	17,39	114,25	6,43	19,11	6,59	18,69	247,54
	9,00	2,06	5,90	17,38	5,68	17,54	96,40	6,47	19,92	6,71	19,84	228,94
	10,00	1,67	5,37	17,54	5,15	17,70	89,26	6,46	20,61	6,72	20,89	238,02
<b>330 lm - 3h</b>												
OVA48526	2,00	29,97	4,19	9,26	3,76	9,37	49,39	3,81	9,22	4,18	9,20	71,11
	2,50	19,18	4,75	10,67	4,16	10,37	58,57	4,20	6,01	4,72	6,19	89,72
	3,00	13,32	4,94	12,04	4,45	11,23	63,60	4,35	6,56	4,78	6,98	105,77
	3,50	9,79	4,60	13,10	4,69	11,95	69,25	4,58	11,90	4,50	12,98	115,72
	4,00	7,49	4,90	13,86	4,90	12,62	73,79	4,77	12,22	4,77	13,74	127,34
	5,00	4,80	5,22	13,03	5,09	13,71	89,26	5,17	12,12	5,30	13,96	141,32
	6,00	3,33	5,31	13,99	5,12	14,37	85,69	5,38	13,50	5,55	15,11	152,63
	7,00	2,45	5,18	14,56	4,99	14,76	87,47	5,53	16,37	5,72	16,18	174,94
	8,00	1,87	4,85	14,79	4,62	14,93	76,17	5,55	17,09	5,81	17,19	152,33
	9,00	1,48	4,15	14,84	3,96	14,84	72,30	5,53	17,88	5,77	18,14	192,79
	10,00	1,20	3,11	14,46	2,87	14,47	29,75	5,29	18,38	5,69	18,97	178,51

Escape routes



Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

## Spacing table

## Exiway Smartled

Reference	Installation height for ceiling mounting	Lux level directly under luminaires	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground
			A	B	C	D		E	F	G	H	
	(m)	(lux)	(m)				(m <sup>2</sup> )	(m)				(m <sup>2</sup> )
<b>800 lm - 1h</b>												
OVA48527	2,00	72,80	4,44	10,87	4,89	11,70	78,84	5,34	6,76	4,90	6,07	105,32
	2,50	46,59	5,13	12,42	5,42	13,11	94,37	5,85	7,59	5,56	6,78	133,88
	3,00	32,35	5,82	13,93	5,89	14,22	118,49	6,20	8,37	6,14	7,43	164,68
	3,50	23,77	6,45	15,32	6,31	15,36	132,12	6,07	15,72	6,18	14,13	189,52
	4,00	18,20	6,93	16,73	6,66	16,31	146,38	6,12	16,48	6,35	15,06	217,79
	5,00	11,65	7,70	19,14	7,21	17,95	163,64	6,66	12,75	7,09	12,14	264,05
	6,00	8,09	7,21	21,12	7,61	19,39	179,41	7,61	11,68	7,24	11,65	307,93
	7,00	5,94	7,51	21,26	7,91	20,47	193,17	8,03	12,53	7,64	12,89	320,73
	8,00	4,55	7,79	21,33	8,07	21,43	223,74	8,28	15,01	8,01	15,73	357,02
	9,00	3,60	7,96	21,28	8,18	22,23	192,79	8,53	15,96	8,32	17,19	367,51
10,00	2,91	7,95	22,13	8,10	22,71	215,70	8,71	17,01	8,56	18,28	386,78	
<b>560 lm - 1,5h</b>												
OVA48527	2,00	50,96	4,15	10,06	4,44	10,77	65,45	4,93	6,24	4,64	5,57	91,34
	2,50	32,61	4,85	11,61	4,91	12,00	82,28	5,32	6,96	5,27	6,27	114,82
	3,00	22,65	5,47	13,05	5,30	12,94	93,72	5,14	13,31	5,28	12,00	135,89
	3,50	16,64	5,94	14,39	5,66	13,96	104,78	5,24	14,05	5,48	12,87	162,19
	4,00	12,74	6,34	15,65	5,93	14,81	108,30	5,53	14,18	5,88	13,34	184,46
	5,00	8,15	6,07	17,60	6,40	16,16	124,59	6,48	9,71	6,17	9,71	213,84
	6,00	5,66	6,32	17,72	6,66	17,30	139,24	6,83	10,71	6,51	11,14	232,96
	7,00	4,16	6,58	17,53	6,82	18,16	142,14	7,12	12,51	6,89	13,25	247,83
	8,00	3,18	6,65	18,18	6,77	18,73	152,33	7,30	13,76	7,18	14,82	266,58
	9,00	2,52	6,60	18,90	6,66	19,22	144,60	7,42	15,59	7,35	16,58	301,24
10,00	2,04	6,31	19,33	6,37	19,40	119,01	7,54	17,40	7,48	16,59	282,64	
<b>450 lm - 2h</b>												
OVA48527	2,00	41,86	4,01	9,69	4,19	10,22	58,61	4,70	5,97	4,52	5,28	80,93
	2,50	26,79	4,70	11,20	4,65	11,30	73,45	4,85	6,68	4,90	5,96	104,60
	3,00	18,60	5,25	12,61	4,99	12,30	83,01	4,69	12,43	4,91	11,38	123,84
	3,50	13,67	5,66	13,92	5,34	13,17	91,12	4,97	13,05	5,24	12,13	145,79
	4,00	10,46	5,93	14,99	5,56	13,93	97,59	5,29	8,29	5,61	8,02	155,90
	5,00	6,70	5,55	16,48	5,96	15,25	105,99	6,13	9,21	5,75	9,40	180,37
	6,00	4,65	5,90	16,15	6,11	16,22	125,85	6,39	10,99	6,18	11,65	203,50
	7,00	3,42	6,03	16,26	6,19	16,83	116,63	6,64	12,18	6,48	13,01	207,74
	8,00	2,62	5,97	17,02	6,08	17,39	114,25	6,78	13,61	6,67	14,64	242,78
	9,00	2,07	5,73	17,47	5,79	17,61	96,40	6,84	16,52	6,78	15,89	234,97
10,00	1,67	5,26	17,62	5,26	17,62	89,26	6,87	18,02	6,87	16,88	238,02	
<b>330 lm - 3h</b>												
OVA48527	2,00	30,03	3,80	9,18	3,84	9,37	50,88	4,20	5,47	4,16	4,89	70,81
	2,50	19,22	4,42	10,58	4,20	10,31	58,57	4,03	10,49	4,21	9,50	87,40
	3,00	13,35	4,85	11,86	4,53	11,23	64,93	4,31	10,94	4,58	10,30	105,77
	3,50	9,81	5,00	12,98	4,77	12,00	70,16	4,64	7,16	4,84	7,02	114,81
	4,00	7,51	4,64	13,80	4,94	12,62	77,36	5,16	7,58	4,88	7,60	129,72
	5,00	4,80	5,00	13,77	5,18	13,64	91,12	5,45	9,30	5,28	9,89	141,32
	6,00	3,34	5,12	13,88	5,22	14,30	85,69	5,69	10,37	5,60	11,19	152,63
	7,00	2,45	5,04	14,51	5,09	14,75	87,47	5,83	11,85	5,78	12,51	178,59
	8,00	1,88	4,71	14,86	4,76	14,92	76,17	5,89	14,68	5,84	13,89	157,09
	9,00	1,48	4,10	14,84	4,05	14,91	72,30	5,81	17,17	5,87	16,39	192,79
10,00	1,20	3,01	14,60	3,01	14,53	29,75	5,73	18,26	5,73	17,73	178,51	

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

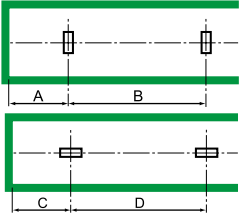
A

Spacing table

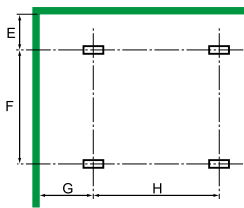
Exiway Smartled

A

Escape routes



Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line (m)				Area with at least 1 Lux on the ground (m²)	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array (m)				Area with at least 0.5 lux on the ground (m²)
			A	B	C	D		E	F	G	H	
<b>1250 lm - 1h</b>												
OVA48528	2,00	113,75	4,83	11,98	5,50	13,08	96,10	5,83	7,48	5,18	6,65	129,12
	2,50	72,80	5,55	13,59	6,11	14,63	123,19	6,55	8,48	6,00	7,58	164,57
	3,00	50,55	6,22	15,09	6,66	16,05	147,27	7,15	9,41	6,71	8,36	203,50
	3,50	37,14	6,94	16,66	7,10	17,22	168,56	7,47	10,21	7,32	9,00	242,37
	4,00	28,44	7,60	18,14	7,52	18,40	195,17	7,64	10,89	7,72	9,66	273,72
	5,00	18,20	8,66	20,91	8,32	20,39	228,72	7,52	12,02	7,81	10,82	340,29
	6,00	12,64	9,51	23,47	8,90	22,10	240,99	8,05	13,02	8,57	11,72	409,69
	7,00	9,29	9,63	25,55	9,37	23,53	276,99	8,79	14,09	9,02	13,89	451,93
	8,00	7,11	9,04	26,91	9,70	24,76	290,38	9,69	14,95	9,06	15,21	490,31
	9,00	5,62	9,48	26,46	10,00	25,83	313,29	10,00	15,81	9,51	16,40	512,11
	10,00	4,55	9,74	26,66	10,09	26,78	349,59	10,22	18,74	9,89	19,61	557,85
<b>880 lm - 1,5h</b>												
OVA48528	2,00	80,08	4,49	11,02	5,01	12,04	80,33	5,45	6,99	4,93	6,16	110,68
	2,50	51,25	5,18	12,58	5,55	13,46	102,27	6,04	7,83	5,67	6,96	143,18
	3,00	35,59	5,89	14,10	6,02	14,58	121,17	6,47	8,61	6,34	7,62	177,40
	3,50	26,15	6,51	15,68	6,45	15,82	143,96	6,52	10,66	6,58	9,59	203,19
	4,00	20,02	7,07	17,11	6,86	16,68	151,14	6,27	16,93	6,45	15,26	229,69
	5,00	12,81	7,92	19,56	7,41	18,51	169,21	6,79	17,80	7,23	16,72	290,08
	6,00	8,90	7,96	21,68	7,89	19,97	200,83	7,60	11,93	7,66	11,78	321,32
	7,00	6,54	7,71	22,74	8,27	21,15	204,10	8,39	12,79	7,85	13,03	338,95
	8,00	5,00	8,07	22,34	8,43	22,12	233,26	8,60	14,22	8,26	14,76	366,55
	9,00	3,95	8,32	22,04	8,54	22,94	222,92	8,83	15,96	8,61	17,04	403,66
	10,00	3,20	8,32	22,73	8,54	23,63	238,02	9,04	17,53	8,81	18,84	416,53
<b>660 lm - 2h</b>												
OVA48528	2,00	60,06	4,29	10,38	4,66	11,22	70,81	5,10	6,44	4,73	5,81	97,59
	2,50	38,44	4,96	11,90	5,13	12,45	87,40	5,57	7,26	5,41	6,51	124,12
	3,00	26,69	5,64	13,44	5,58	13,56	105,77	5,72	8,03	5,78	7,15	149,95
	3,50	19,61	6,19	14,88	5,94	14,59	114,81	5,53	14,77	5,73	13,33	172,21
	4,00	15,01	6,66	16,18	6,28	15,45	129,72	5,77	15,61	6,09	14,47	203,50
	5,00	9,61	7,07	18,44	6,76	16,98	141,32	6,42	10,15	6,70	9,92	234,30
	6,00	6,67	6,66	19,78	7,09	18,22	152,63	7,23	11,07	6,83	11,28	259,74
	7,00	4,90	7,00	19,37	7,31	19,27	178,59	7,52	12,68	7,22	13,31	280,64
	8,00	3,75	7,20	19,16	7,40	19,94	157,09	7,77	13,96	7,58	14,90	309,42
	9,00	2,97	7,22	20,00	7,35	20,53	192,79	7,95	15,10	7,82	16,24	319,31
	10,00	2,40	7,07	20,72	7,20	20,89	178,51	8,09	17,01	7,95	17,92	364,46
<b>530 lm - 3h</b>												
OVA48528	2,00	48,23	4,15	9,93	4,39	10,63	63,37	4,84	6,15	4,61	5,50	88,96
	2,50	30,87	4,80	11,47	4,85	11,71	80,42	5,19	6,86	5,14	6,19	112,50
	3,00	21,44	5,41	12,98	5,25	12,79	88,36	4,98	13,02	5,12	11,74	133,88
	3,50	15,75	5,88	14,23	5,55	13,66	102,96	5,16	13,85	5,44	12,69	160,36
	4,00	12,06	6,22	15,48	5,82	14,51	104,73	5,43	12,58	5,77	11,98	176,13
	5,00	7,72	5,85	17,42	6,29	15,93	122,73	6,41	9,61	6,01	9,60	210,12
	6,00	5,36	6,21	17,31	6,49	16,98	139,24	6,69	10,90	6,43	11,34	224,93
	7,00	3,94	6,47	17,07	6,64	17,76	134,85	6,98	12,19	6,81	13,04	244,19
	8,00	3,01	6,48	17,86	6,59	18,41	152,33	7,12	14,34	7,01	15,43	257,06
	9,00	2,38	6,36	18,49	6,42	18,80	144,60	7,30	14,86	7,23	15,52	289,19
	10,00	1,93	6,07	18,90	6,07	18,90	119,01	7,33	17,67	7,33	16,55	252,89

## Spacing table

## Exiway Smartled

Reference	Installation height for ceiling mounting	Lux level directly under luminaires	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground
			A	B	C	D		E	F	G	H	
	(m)	(lux)	(m)				(m <sup>2</sup> )	(m)				(m <sup>2</sup> )
<b>1400 lm - 1h</b>												
OVA48529	2,00	127,40	4,95	12,33	5,65	13,40	99,37	6,02	7,63	5,34	6,86	137,75
	2,50	81,53	5,62	13,96	6,27	15,05	125,52	6,69	8,76	6,04	7,81	175,72
	3,00	56,62	6,36	15,49	6,82	16,60	153,97	7,25	9,71	6,80	8,59	216,22
	3,50	41,60	7,02	16,95	7,34	17,89	179,50	7,84	10,51	7,53	9,24	247,83
	4,00	31,85	7,68	18,58	7,77	18,96	210,64	8,11	11,20	8,02	9,90	292,76
	5,00	20,38	8,93	21,39	8,57	21,08	236,16	7,76	21,33	8,06	19,21	364,46
	6,00	14,16	9,79	23,98	9,24	22,81	273,12	8,24	23,14	8,71	21,68	439,14
	7,00	10,40	10,28	26,24	9,72	24,37	295,21	8,92	14,58	9,40	14,04	473,80
	8,00	7,96	9,53	28,03	10,15	25,73	318,94	10,01	15,43	9,44	15,37	542,68
	9,00	6,29	9,82	28,67	10,45	26,81	337,39	10,41	16,30	9,81	16,75	542,23
10,00	5,10	10,18	28,19	10,63	27,78	371,90	10,72	17,05	10,28	17,86	580,17	
<b>1100 lm - 1,5h</b>												
OVA48529	2,00	100,10	4,71	11,64	5,28	12,69	90,45	5,70	7,21	5,14	6,54	122,88
	2,50	64,06	5,42	13,15	5,89	14,22	114,36	6,33	8,21	5,87	7,36	155,73
	3,00	44,49	6,08	14,71	6,43	15,53	135,89	6,92	9,13	6,57	8,02	188,78
	3,50	32,68	6,80	16,25	6,87	16,80	161,27	7,24	9,78	7,17	8,77	225,06
	4,00	25,02	7,37	17,72	7,29	17,86	180,89	7,13	18,36	7,20	16,47	258,25
	5,00	16,02	8,40	20,45	8,00	19,73	211,98	7,19	19,88	7,53	18,40	329,13
	6,00	11,12	9,07	22,73	8,49	21,32	227,60	7,75	14,07	8,24	13,40	372,20
	7,00	8,17	8,49	24,64	8,96	22,63	244,19	8,87	13,64	8,44	13,59	419,13
	8,00	6,26	8,65	25,36	9,28	23,83	266,58	9,34	14,48	8,74	14,73	428,43
	9,00	4,94	9,08	25,14	9,40	24,78	295,21	9,49	16,78	9,18	17,57	463,91
10,00	4,00	9,24	24,49	9,57	25,60	282,64	9,79	18,60	9,47	19,64	498,35	
<b>800 lm - 2h</b>												
OVA48529	2,00	72,80	4,44	10,87	4,89	11,70	78,84	5,34	6,76	4,90	6,07	105,32
	2,50	46,59	5,13	12,42	5,42	13,11	94,37	5,85	7,59	5,56	6,78	133,88
	3,00	32,35	5,82	13,93	5,89	14,22	118,49	6,20	8,37	6,14	7,43	164,68
	3,50	23,77	6,45	15,32	6,31	15,36	132,12	6,07	15,72	6,18	14,13	189,52
	4,00	18,20	6,93	16,73	6,66	16,31	146,38	6,12	16,48	6,35	15,06	217,79
	5,00	11,65	7,70	19,14	7,21	17,95	163,64	6,66	12,75	7,09	12,14	264,05
	6,00	8,09	7,21	21,12	7,61	19,39	179,41	7,61	11,68	7,24	11,65	307,93
	7,00	5,94	7,51	21,26	7,91	20,47	193,17	8,03	12,53	7,64	12,89	320,73
	8,00	4,55	7,79	21,33	8,07	21,43	223,74	8,28	15,01	8,01	15,73	357,02
	9,00	3,60	7,96	21,28	8,18	22,23	192,79	8,53	15,96	8,32	17,19	367,51
10,00	2,91	7,95	22,13	8,10	22,71	215,70	8,71	17,01	8,56	18,28	386,78	
<b>600 lm - 3h</b>												
OVA48529	2,00	54,60	4,19	10,19	4,55	10,92	67,54	5,02	6,34	4,67	5,65	94,31
	2,50	34,94	4,91	11,75	5,01	12,15	84,14	5,41	7,16	5,30	6,35	121,33
	3,00	24,27	5,53	13,29	5,41	13,24	99,07	5,39	13,62	5,49	12,10	142,59
	3,50	17,83	6,06	14,64	5,77	14,20	110,25	5,34	14,35	5,59	13,13	164,92
	4,00	13,65	6,46	15,91	6,10	15,05	119,01	5,61	14,99	5,91	13,92	190,41
	5,00	8,74	6,46	17,88	6,52	16,56	137,60	6,41	9,93	6,36	9,81	223,14
	6,00	6,07	6,43	18,57	6,84	17,71	144,60	7,04	10,72	6,65	11,05	238,31
	7,00	4,46	6,76	18,41	7,00	18,58	156,72	7,24	13,34	7,01	14,12	273,35
	8,00	3,41	6,89	18,58	7,08	19,24	152,33	7,51	13,90	7,33	14,83	271,34
	9,00	2,70	6,84	19,40	6,97	19,82	156,64	7,63	15,92	7,50	17,10	313,29
10,00	2,18	6,68	19,92	6,75	20,09	133,88	7,73	17,73	7,66	17,67	312,40	

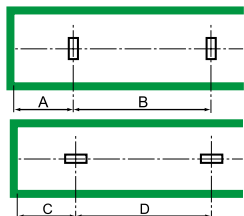
Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

A

## Spacing table

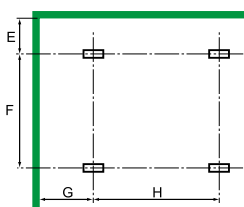
## Exiway Smartled

### Escape routes



A

### Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>350 lm</b>												
OVA48700	2.00	32.46	4.34	9.72	3.88	9.31	53.26	4.54	5.21	4.12	5.55	73.49
OVA46020	2.50	20.77	4.91	11.43	4.29	10.31	59.04	4.63	9.25	4.11	9.27	90.65
	2.80	16.56	5.05	12.36	4.48	10.82	65.89	4.52	8.81	4.07	8.50	104.38
	3.00	14.43	4.85	12.87	4.62	11.17	63.60	4.46	9.36	4.27	8.82	109.12
	4.00	8.11	4.90	14.36	5.12	12.50	76.17	4.88	13.70	5.08	12.17	129.72
	5.00	5.19	5.36	13.09	5.36	13.70	96.69	5.32	13.59	5.32	11.77	146.9
	6.00	3.61	5.50	14.24	5.45	14.56	85.69	5.62	14.94	5.58	14.14	160.66
	7.00	2.65	5.42	15.08	5.42	15.01	87.47	5.81	15.49	5.81	16.41	189.52
	8.00	2.03	5.20	15.52	5.10	15.25	76.17	5.92	16.58	5.82	17.24	161.85
	9.00	1.60	4.69	15.58	4.59	15.31	72.30	5.94	17.99	5.83	18.05	192.79
	10.00	1.30	3.79	15.42	3.74	15.21	29.75	5.91	18.82	5.84	18.72	178.51
	11.00	1.07	2.14	14.91	2.09	14.77	18.00	5.76	19.55	5.64	19.11	144.00
<b>650 lm</b>												
OVA48701	2.00	60.49	4.83	10.42	4.60	10.70	71.41	4.96	5.81	4.75	6.44	96.69
OVA46021	2.50	38.71	5.68	12.38	5.13	12.07	88.33	5.82	6.69	5.30	7.16	126.45
	2.80	30.86	6.07	13.52	5.38	12.73	99.13	6.18	7.29	5.53	7.49	140.54
	3.00	26.88	6.36	14.22	5.53	13.17	107.11	6.32	7.71	5.56	7.82	150.62
	4.00	15.12	6.93	17.35	6.22	15.05	117.82	5.98	13.44	5.42	12.70	195.17
	5.00	9.68	6.46	19.32	6.82	16.56	135.74	6.22	17.90	6.54	16.05	232.44
	6.00	6.72	7.03	17.14	7.15	17.79	152.63	6.79	19.86	6.91	17.15	235.64
	7.00	4.94	7.38	18.08	7.31	18.84	178.59	7.22	18.53	7.16	15.77	269.7
	8.00	3.78	7.53	19.41	7.46	19.67	152.33	7.45	19.87	7.39	17.74	285.62
	9.00	2.99	7.55	20.35	7.49	20.17	192.79	7.66	20.62	7.60	21.90	313.29
	10.00	2.42	7.40	20.89	7.27	20.62	178.51	7.82	21.82	7.69	22.94	334.71
	11.00	2.00	7.08	21.25	6.87	20.88	144.00	7.99	23.12	7.77	23.65	2880
	12.00	1.68	6.58	21.33	6.38	20.96	128.53	8.06	24.07	7.82	24.40	342.74
	13.00	1.43	5.86	21.15	5.72	20.87	125.7	7.96	25.46	7.79	25.14	377.11
	14.00	1.23	4.68	20.91	4.62	20.53	58.31	7.81	26.15	7.71	25.82	349.88
15.00	1.08	2.85	20.43	2.98	19.86	33.47	7.42	26.60	7.75	26.04	267.77	
<b>1000 lm</b>												
OVA48702	2.00	94.02	5.01	10.84	5.14	11.96	84.50	5.07	5.98	5.18	7.11	113.65
OVA46022	2.50	60.17	5.96	12.86	5.75	13.38	107.85	5.96	6.96	5.76	7.95	145.97
	2.80	47.97	6.44	14.04	6.07	14.13	123.04	6.42	7.59	6.08	8.39	166.20
	3.00	41.79	6.74	14.76	6.29	14.67	130.54	6.69	8.02	6.28	8.74	183.42
	4.00	23.50	8.20	18.29	7.07	16.88	163.04	7.55	12.76	6.58	12.99	246.35
	5.00	15.04	9.31	21.32	7.70	18.71	195.25	7.52	18.97	6.31	18.2	312.40
	6.00	10.45	7.68	23.81	8.26	20.27	200.83	7.37	13.48	7.89	12.48	358.81
	7.00	7.67	8.34	25.79	8.72	21.46	222.32	7.95	17.91	8.29	15.95	389.98
	8.00	5.88	8.88	21.14	9.04	22.54	247.54	8.43	22.43	8.57	19.24	395.11
	9.00	4.64	9.08	22.33	9.24	23.46	265.09	8.80	23.14	8.94	19.33	415.71
	10.00	3.76	9.33	23.73	9.24	24.27	238.02	9.19	25.02	9.12	20.60	446.28
	11.00	3.11	9.48	24.76	9.23	24.98	288.00	9.49	24.67	9.25	26.71	468.00
	12.00	2.61	9.38	25.40	9.21	25.52	257.06	9.60	25.96	9.44	27.82	556.96
	13.00	2.23	9.02	25.89	9.02	25.78	201.12	9.61	27.23	9.61	28.90	553.09
	14.00	1.92	8.66	26.23	8.58	25.88	233.26	9.70	28.54	9.61	29.74	466.51
	15.00	1.67	8.23	26.31	8.06	25.85	200.83	9.73	29.61	9.54	30.58	535.54
	16.00	1.47	7.46	26.26	7.38	25.8	228.5	9.71	30.84	9.61	31.28	590.28
	17.00	1.30	6.53	25.97	6.53	25.51	85.98	9.64	31.55	9.64	31.73	515.90
18.00	1.16	5.16	25.44	5.16	25.21	96.40	9.50	32.31	9.50	32.78	506.08	
19.00	1.04	2.92	24.91	2.92	24.56	0.00	9.31	33.01	9.31	32.91	429.62	



# Exiway Smartbeam recessed



Exiway Smartbeam is the best solution for environments where a minimally invasive device is needed. Lenses for anti-panic areas and escape routes provide excellent performance: intervals of 20 metres at 3 metres installations. It is available in Activa/Dicube that is a self-testing version with all-in-one functionalities (Activa and Dicube) and Control version (Exiway Smartbeam EPC).

A

## Features



- Power supply 230V 50 Hz
- Devices with configurable Non Maintained (N.M.) or Maintained (M.) operation
- EN 60598-2-22; EN 62471- (RG1)
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate body 94V-2 (UL 94)
- Dicube models based on DALI protocol (IEC 62386\_102 - IEC 62386\_202)
- Selectable theatre function (low flux in Maintained operation)

## Installations

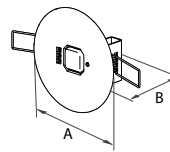


Recessed in false ceiling

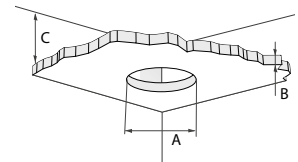


Recessed in false ceiling with vetrosignal kit OVA53180

## Dimensions



A: 90 mm / B: 32 mm



A: 70-75 mm / B: 1-30 mm / C: ≥90

## Integrated solutions

The Dicube models can be used in specific emergency lighting architectures with a Dicube controller or integrated into the KNX-DALI system for ordinary lighting management via the SpaceLYnk controller.



Dicube and SpaceLYnk controllers also allow information to be managed at a higher level, such as Schneider Electric's EcoStruxure Building platform dedicated to building automation.





Product Codes RECESSED

Exiway Smartbeam

Protection rating	Operation	Auton. (h)	Installation	Flux NM (lm)*	Maintained flux (lm)	Description	Reference
<b>Activa/Dicube**</b>							
IP42	M - NM	1	Escape routes	550	220	Exw Smartbeam Recessed IP42 Act/Dic 550lm M/NM 1h Escape routes	OVA48980
	M - NM	1	Anti-panic areas	550	220	Exw Smartbeam Recessed IP42 Act/Dic 550lm M/NM 1h Anti-panic areas	OVA48981
	M - NM	1.5	Escape routes	220	220	Exw Smartbeam Recessed IP42 Act/Dic 220lm M/NM 1.5h Escape routes	OVA48952
	M - NM	1.5	Anti-panic areas	220	220	Exw Smartbeam Recessed IP42 Act/Dic 220lm M/NM 1.5h Anti-panic areas	OVA48953
	M - NM	3	5 lux	220	220	Exw Smartbeam Recessed IP42 Act/Dic 220lm M/NM 3h 5lux	OVA48956
	M - NM	1	Escape routes	550	220	Exw Smartbeam Recessed IP42 Act/Dic 550lm M/NM 1h Escape routes	OVA48980
	M - NM	1	Anti-panic areas	550	220	Exw Smartbeam Recessed IP42 Act/Dic 550lm M/NM 1h Anti-panic areas	OVA48981
<b>Control (230AC-216DC)</b>							
IP42			Escape routes	200		Exw Smartbeam Recessed IP42 Control 200lm Escape routes	OVA46027
			Anti-panic areas	200		Exw Smartbeam Recessed IP42 Control 200lm Anti-panic Areas	OVA46026
			5 lux	200		Exw Smartbeam Recessed IP42 Control 200lm 5lux	OVA46025

\*Flux compliant with EN 60598-2-22.

\*\* Models compatible with Exiway Dicube and Exiway DALI architectures.



Exit sign accessories

Code OVA53180



Vetosignal Kit with polycarbonate screen and 5 pictograms for signalling included: Right, Left, Down, Up, Neutral. Visibility distance 20m\*

Code OVA53183



4 optional Pictograms with 45° arrow to signal stairs and height differences: Right, Left, Down, Up (to be combined with kit code OVA53180). Visibility distance 20m\*

\*Signal visibility distance compliant with EN 1838.

Remote controllers

Code OVA53161 (150 devices)  
Code OVA53162 (250 devices)



TBS to be combined with models with Standard and Activa functions; with Activa models, it provides feedback on any faults: TBS 150 in manual mode, TBS 250 in automatic mode every 12h

Control units

Code OVA53167



Exiway Smart Control - Control Unit 128 to control up to 128 Dicube devices consisting of the control unit and a Line Controller module (2 lines of 64 devices)

Code OVA53168



Exiway Line Controller module to increase the number of Dicube controllable devices by adding 2 lines of 64 devices in combination with Exiway Smart Control

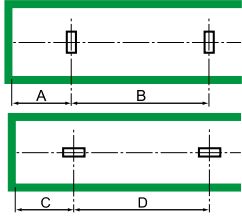
Code LSS100200-SpaceLynk  
Code MTN6725-0101-Gateway



SpaceLynk is the logic controller for managing general building functions by integrating ordinary and emergency lighting via the KNX-DALI Gateway

## Spacing table RECESSED

### Escape routes



ESCAPE ROUTES

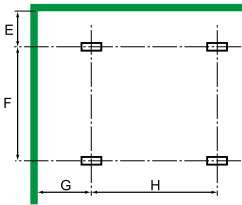
OVA48900 .....see code

OVA48952 .....OVA48952

OVA48980.....OVA48980

A

### Open (Anti-Panic) areas



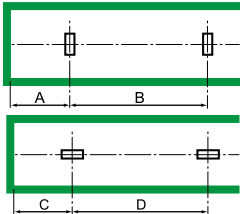
- A and E: Transverse spacing to wall
- B and F: Transverse spacing between luminaires
- C and G: Axial spacing to wall
- D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>Escape routes</b>												
OVA48952	2,00	11,84	1,27	6,10	6,34	14,93	46,12	1,97	4,44	7,82	8,89	80,93
	2,50	7,58	1,37	6,23	7,16	17,02	50,67	2,11	5,12	8,92	11,57	94,83
	3,00	5,26	1,48	3,62	7,71	18,75	53,55	2,27	5,92	9,70	14,72	94,39
	3,50	3,87	1,60	3,50	7,95	20,33	54,67	2,47	5,27	10,33	14,32	99,32
	4,00	2,96	1,70	3,76	7,60	21,40	55,93	2,74	3,57	10,54	17,69	110,68
	5,00	1,89	1,82	4,22	6,88	22,59	37,19	3,06	2,99	10,20	15,52	111,57
	6,00	1,32	1,58	4,58	2,86	20,68	21,42	2,59	5,53	4,28	28,73	96,40
<b>Escape routes</b>												
OVA48980	2,00	29,09	3,26	8,83	8,02	18,43	91,93	6,86	10,96	3,09	5,35	132,40
	2,50	18,62	3,38	9,16	9,17	20,83	109,25	8,42	12,47	3,42	5,89	166,43
	3,00	12,93	2,02	9,37	9,97	23,21	116,48	12,29	13,72	2,89	6,29	194,13
	3,50	9,50	2,00	9,63	10,77	25,46	120,27	13,57	15,06	2,93	6,38	217,77
	4,00	7,27	1,97	6,99	11,45	27,23	128,53	14,48	15,94	2,91	6,53	234,45
	5,00	4,65	2,17	5,69	12,22	30,78	137,60	15,88	25,84	3,24	9,56	239,88
	6,00	3,23	2,39	5,47	11,65	33,42	139,24	16,65	28,54	3,82	5,81	257,06
	7,00	2,37	2,58	6,02	11,09	35,10	105,69	16,18	29,14	4,15	5,43	269,70
	10,00	1,16	1,76	7,23	3,64	32,36	29,75	8,05	49,14	4,16	8,76	208,26
	12,00	0,81	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
	13,00	0,69	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

## Spacing table RECESSED

### Escape routes



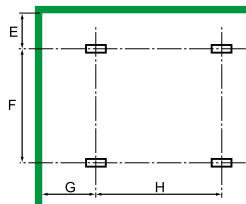
ANTI-PANIC AREAS

OVA48900 .....see code

OVA48953 .....OVA48953

OVA48981 .....OVA48981

### Open (Anti-Panic) areas



A and E: Transverse spacing to wall

B and F: Transverse spacing between luminaires

C and G: Axial spacing to wall

D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
<b>Anti-panic areas</b>												
OVA48953	2,00	19,45	3,65	8,73	3,57	8,58	39,87	3,53	8,58	3,47	8,04	58,91
	2,50	12,45	3,96	9,61	3,85	9,55	47,42	3,87	9,65	3,78	8,98	71,59
	3,00	8,64	4,21	10,40	4,05	10,39	53,55	4,17	10,59	4,03	10,02	81,67
	3,50	6,35	4,36	11,04	4,25	10,94	56,49	4,40	11,33	4,30	10,75	96,58
	4,00	4,86	4,44	11,53	4,29	11,37	61,88	4,57	11,99	4,43	11,64	104,73
	5,00	3,11	4,42	12,19	4,27	12,08	59,50	4,79	13,38	4,64	12,90	111,57
	6,00	2,16	4,12	12,38	3,97	12,21	42,84	4,82	14,53	4,66	13,91	120,50
	7,00	1,59	3,57	12,28	3,41	12,17	43,74	4,82	15,40	4,63	14,89	116,63
	8,00	1,22	2,60	11,73	2,45	11,73	19,04	4,69	16,13	4,45	15,48	114,25
<b>Anti-panic areas</b>												
OVA48981	2,00	48,41	4,44	10,94	4,60	10,99	65,75	4,62	6,34	4,48	5,81	94,02
	2,50	30,98	4,96	12,31	5,13	12,22	79,96	5,06	7,16	4,91	6,87	117,61
	3,00	21,51	5,36	13,49	5,58	13,24	95,73	5,48	7,92	5,28	7,62	137,90
	3,50	15,81	5,71	14,45	5,94	14,27	106,61	5,85	8,56	5,64	8,35	157,63
	4,00	12,10	6,04	15,30	6,22	15,21	120,20	6,13	9,10	5,97	8,88	184,46
	5,00	7,75	6,52	16,82	6,58	16,73	139,46	6,65	10,15	6,60	9,92	217,56
	6,00	5,38	6,72	17,88	6,84	17,79	139,24	7,03	11,07	6,91	10,71	240,99
	7,00	3,95	6,82	18,67	6,88	18,58	156,72	7,22	14,18	7,16	13,73	276,99
	10,00	1,94	6,19	19,57	6,25	19,48	119,01	7,54	20,55	7,48	20,46	290,08
	12,00	1,34	4,67	19,09	4,73	19,01	42,84	7,35	23,98	7,27	23,66	289,19
	13,00	1,15	3,30	18,55	3,36	18,38	50,28	7,18	24,72	7,06	24,18	301,69

A

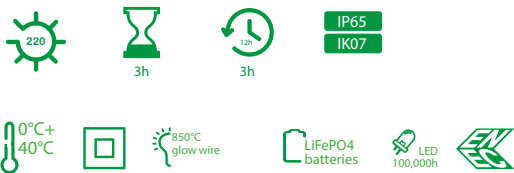
# Exiway Smartbeam surface



Exiway Smartbeam complies with standards, keeping robustness and performances. It covers a wide range of needs: small, medium, and large commercial buildings, including offices, banks, hotels, hospitals, restaurants. It is available in self-testing version (Exiway Smartbeam Activa), addressable version (Exiway Smartbeam Dicube) and Control (Exiway Smartbeam EPC) to satisfy all installation requirements.

A

## Features



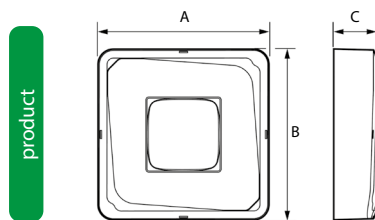
- Power supply 230V 50 Hz
- Devices with configurable Non Maintained (NM) or Maintained (M) operation
- EN 60598-2-22; EN 62471- (RG1)
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate body 94V-2 (UL 94)
- Dicube models based on DALI protocol (IEC 62386\_102 - IEC 62386\_202)
- Selectable theatre function (low flux in Maintained operation)

## Installations



Ceiling

## Dimensions



(AxBxC) 176x176x44.5 mm

## Remote controllers

Code OVA53161 (150 devices)  
Code OVA53162 (250 devices)



TBS to be combined with Standard and Activa models; with Activa models, it provides feedback on any faults: TBS 150 in manual mode, TBS 250 in automatic mode every 12h

## Control units

Code OVA53167



Exiway Smart Control - Control Unit 128 to control up to 128 Dicube devices consisting of the control unit and a Line Controller module (2 lines of 64 devices)

Code OVA53168



Exiway Line Controller module to increase the number of Dicube controllable devices with the possibility of adding 2 lines of 64 devices in combination with Exiway Smart Control

Code LSS100200-SpaceLYnk  
Code MTN6725-0101-Gateway



SpaceLYnk is the logic controller for managing general building functions by integrating ordinary and emergency lighting via the KNX-DALI Gateway

## Surface product codes

## Exiway Smartbeam

Protection rating	Operation	Auton. (h)	Installation	Flux NM (lm)*	Maintained flux (lm)	Description	Reference
<b>Activa</b>							
IP65	M-NM	3	Escape routes	190	190	Exw Smartbeam Surface IP65 Act 190lm M/NM 3h Escape routes	OVA48926
	M-NM	3	Anti-panic areas	220	220	Exw Smartbeam Surface IP65 Act 220lm M/NM 3h Anti-panic areas	OVA48927
<b>Dicube**</b>							
IP65	M-NM	3	Escape routes	190	190	Exw Smartbeam Surface IP65 Dic 190lm M/NM 3h Escape routes	OVA48946
	M-NM	3	Anti-panic areas	220	220	Exw Smartbeam Surface IP65 Dic 220lm M/NM 3h Anti-panic	OVA48947
<b>Control (230AC-216DC)</b>							
IP65			Escape routes	190		Exw Smartbeam Surface IP65 Control 190lm Escape routes	OVA46031
			Anti-panic areas	190		Exw Smartbeam Surface IP65 Control 190lm Anti-panic areas	OVA46029

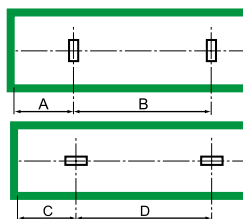
\*Flux in compliance with EN 60598-2-22.

\*\* Models compatible with Exiway Dicube and Exiway DALI architectures.

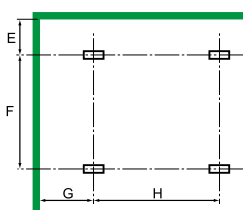


## Spacing table surface

### Escape routes



### Open (Anti-Panic) areas



A and E: Transverse spacing to wall  
 B and F: Transverse spacing between luminaires  
 C and G: Axial spacing to wall  
 D and H: Axial spacing between luminaires

Measurements to achieve 0.5 lux or 1 lux at ground level without taking into account wall reflections (EN 1838); if other lighting levels are required, a calculation must be made using lighting calculation software.

#### ESCAPE ROUTES

OVA48900	.....see code
OVA48926	.....OVA48926
OVA48946	.....OVA48926
OVA46000	.....see code
OVA46031	.....OVA48926

#### ANTI-PANIC AREAS

OVA48900	.....see code
OVA48927	.....OVA48927
OVA48947	.....OVA48927

Reference	Installation height for ceiling mounting (m)	Lux level directly under luminaires (lux)	Escape routes 1 Lux min. Along centre line				Area with at least 1 Lux on the ground (m <sup>2</sup> )	Open (Anti-Panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area with at least 0.5 lux on the ground (m <sup>2</sup> )
			A	B	C	D		E	F	G	H	
<b>Escape routes</b>												
OVA48926	2.50	7.74	7.26	18.18	2.78	7.48	43.70	5.08	10.62	2.25	4.46	81.35
OVA48946	3.00	5.38	7.33	19.63	2.75	7.75	45.52	5.47	11.81	2.36	4.84	89.03
OVA46031	3.50	3.95	6.58	20.48	2.64	7.91	44.65	5.55	12.84	2.52	5.14	89.29
	4.00	3.02	5.99	20.32	2.57	7.93	41.65	5.65	13.75	2.71	5.41	94.02
	5.00	1.94	5.22	17.69	2.23	7.64	37.19	5.89	18.44	2.80	6.95	89.26
	6.00	1.34	4.60	16.37	1.64	7.28	24.10	6.41	20.27	2.60	7.50	85.69
<b>Anti-panic areas</b>												
OVA48927	2.50	8.89	3.81	9.76	3.74	9.92	45.09	4.00	10.78	3.94	10.41	76.70
OVA48947	3.00	6.17	3.91	10.29	3.87	10.45	48.87	4.15	11.51	4.12	11.41	83.01
	3.50	4.53	3.96	10.68	3.92	10.84	47.38	4.29	12.17	4.26	12.07	92.03
	4.00	3.47	3.86	10.96	3.86	11.01	49.98	4.36	12.64	4.36	12.54	97.59
	5.00	2.22	3.57	11.20	3.57	11.26	44.63	4.39	13.54	4.39	13.18	96.69
	6.00	1.54	2.80	10.85	2.83	11.00	32.13	4.30	14.18	4.34	13.95	85.69
	7.00	1.13	1.39	10.22	1.33	10.27	10.93	4.15	14.97	3.98	14.74	87.47

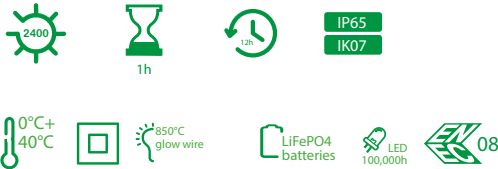
# Exiway Smartduo



Exiway Smartduo with dual headlights is the best solution for large rooms or outdoor collection points. The two LED spotlights (individually adjustable from 90° to 45°) allow installation at great heights (up to 20 m), thanks to an extremely high flux (1200 lm each). It is available in self-testing version (Exiway Smartduo Activa) and addressable version (Exiway Smartduo Dicube).

A

## Features



- Power supply 230V 50 Hz
- Device available in NM version
- Intervention time of less than 0.5 s (high risk areas)
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate body 94V-2 (UL 94)
- EN 60598-1, 60598-2-22, EN 62034, EN 62471 – Group 2
- Dicube models based on DALI protocol (IEC 62386\_102 - IEC 62386\_202)
- Complete recharge in 12 hours

## Installations

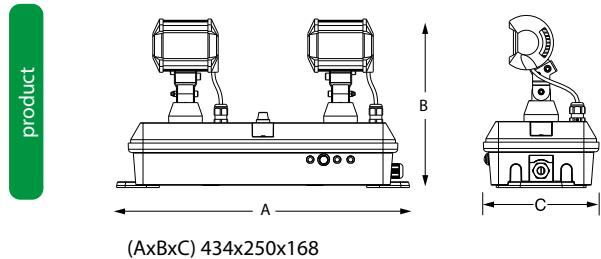


Wall



Ceiling

## Dimensions



## Integrated solutions

Dicube models can be used in specific emergency lighting architectures with a Dicube controller or be integrated into the KNX-DALI system for ordinary lighting management via the SpaceLYnk controller.



**EcoStruxure**  
Innovation At Every Level **Building**

Dicube and SpaceLYnk controllers also allow information to be managed at a higher level, such as Schneider Electric's EcoStruxure Building platform dedicated to building automation.



## Product Codes

## Exiway Smartduo

Protection rating	Operation	Auton. (h)	Flux NM (lm)*	Battery type	Description	Reference
<b>Activa</b>						
IP65	NM	1	2400	LiFePO4	Exiway Smartduo IP65 Act 2X1200lm 1h	OVA48020
<b>Dicube**</b>						
IP65	NM	1	2400	LiFePO4	Exiway Smartduo IP65 Dic 2X1200lm 1h	OVA48060

\*Flux conforming to EN 60598-2-22 for pair of spotlights.

\*\* Models compatible with Exiway Dicube and Exiway DALI architectures.

Using Dicube devices on Dardo systems

Thanks to the innovative technology applied to electronics and design, Exiway Smartduo Dicube devices are compatible and can be used in Dardo systems; please refer to the specific instructions for the operating procedure.



## Remote controllers

## Control units

Code OVA53161 (150 devices)  
Code OVA53162 (250 devices)



TBS to be combined with Activa models; with Activa models, it provides feedback on any faults: TBS 150 in manual mode, TBS 250 in automatic mode every 12h

Code OVA53167



Exiway Smart Control - Control Unit 128 to control up to 128 Dicube devices consisting of the control unit and a Line Controller module (2 lines of 64 devices)

Code OVA53168



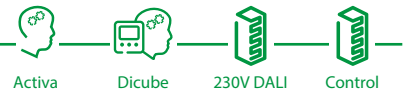
Exiway Line Controller module to increase the number of Dicube controllable devices with the possibility of adding 2 lines of 64 devices in combination with Exiway Smart Control

Code LSS100200-Spacelynk  
Code MTN6725-0101-Gateway



Spacelynk is the logic controller for managing general building functions by integrating ordinary and emergency lighting via the KNX-DALI Gateway

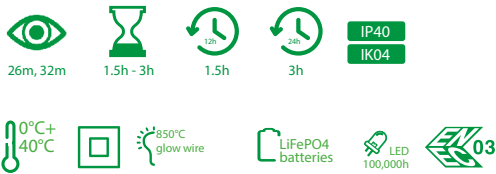
# Exiway Smartexit



All installations without the need for any accessories: wall, ceiling and even flag. Visibility distances of 26 and 32 metres, ensuring an optimal view of the signal both in medium-sized rooms and where spaces become wider. It is available in self-testing version (Exiway Smartexit Ativa), addressable version (Exiway Smartexit Dicube), 230V version for Central Power Supply (Exiway Smartexit EP), Central Battery System (Exiway Smartbeam EPC) and 230V DALI (Exiway Smartexit 230V DALI).

A

## Features



- Power: 230 V - 50Hz
- Selectable theatre function (low flux in Maintained operation)
- Pictograms Down, Left, Right, Up and flag arrow Up included
- Regulatory compliance: EN 60598-2-22, EN 62471
- Full charge in 24 h for both autonomies
- Dicube based on DALI protocol (IEC 62386\_102 - IEC 62386\_202)
- Can also be installed on a flammable surface
- Self-extinguishing polycarbonate housing 94V-2 (UL94)

## Installations



Wall



Ceiling

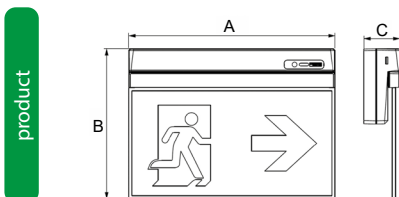


Flag



Suspension with kit code OVA53175

## Dimensions



- M26 wall (AxBxC) 260x190x45
- M26 ceiling (AxBxC) 260x190x90
- M32 wall (AxBxC) 308x220x45
- M32 ceiling (AxBxC) 308x220x90



## Exiway Smartexit

### Laser pointer



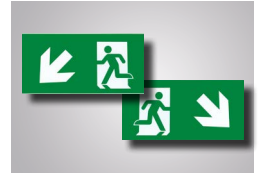
Immediate testing with **laser pointer** and fault feedback at your fingertips via TBS remote control (Activa models).

### Flexible system



The innovative fixing system allows the signalling screen to be installed at 90°. Wall, ceiling and flag installations without any accessories.

### Full range

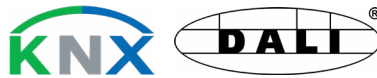


Available with visibility distances of **26 and 32 metres** to cover all applications. Pictograms included **even vertical up**. Dedicated 45° arrows available as accessory.

A

## Integrated Solutions for Medium-Large Buildings

The **Dicube models** can be used in **specific emergency lighting architectures** with a Dicube controller or **integrated into the KNX-DALI system** for ordinary lighting management via the SpaceLYnk controller.



**EcoStruxure** Building  
Innovation At Every Level

Dicube and SpaceLYnk controllers also allow information to be managed at a higher level, such as Schneider Electric's **EcoStruxure Building** platform dedicated to building automation.



## Product Codes

## Exiway Smartexit

Protection rating	Operation	Autonomy (h)	Visibility distance (m)	Battery	Description	Reference
<b>Activa</b>						
IP40	M-NM	1.5	26	LiFePO4	Exiway Smartexit Act M-NM 26m 1.5h	OVA48404
	M-NM	1.5	32	LiFePO4	Exiway Smartexit Act M-NM 32m 1.5h	OVA48406
<b>Dicube**</b>						
IP40	M-NM	1.5	26	LiFePO4	Exiway Smartexit Dic M-NM 26m 1.5h	OVA48604
	M-NM	1.5	32	LiFePO4	Exiway Smartexit Dic M-NM 32m 1.5h	OVA48606
<b>Control (230AC-216DC)</b>						
IP40			26		Exiway Smartexit IP40 Control 26m	OVA46023
			32		Exiway Smartexit IP40 Control 32m	OVA46024

\*\* Models compatible with Exiway Dicube and Exiway DALI architectures.

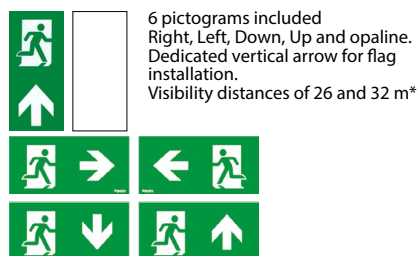
A

### Using Dicube devices on Dardo systems

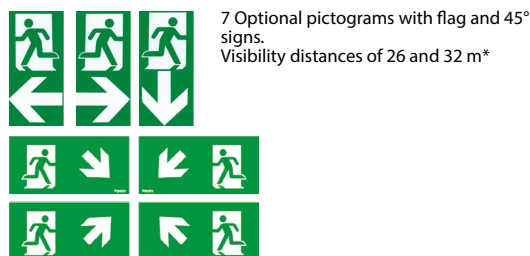
Thanks to innovative technology applied to electronics and design, Exiway Smartexit Dicube devices can be used with Dicube and Dardo control units. This allows Dicube alternatives to replace Dardo devices in existing installations.

## Exit sign accessories

### Included



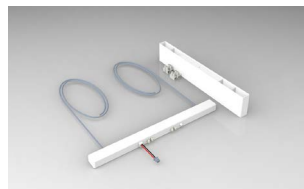
Code OVA53173 - M26  
Code OVA53174 - M32



\*Signal visibility distance compliant with EN 1838.

## Installation accessories

Code OVA53175



Suspension kit

Code OVA53176 - 26m models  
Code OVA53177 - 32m models



Protection grid

## Remote controllers

Code OVA53161 (150 devices)  
Code OVA53162 (250 devices)

TBS to be combined with Activa models; provides feedback on any faults: TBS 150 in manual mode, TBS 250 in automatic mode every 12h

## Control units

Code OVA53167

Exiway Smart Control - Control Unit 128 to control up to 128 Dicube devices consisting of the control unit and a Line Controller module (2 lines of 64 devices)

Code OVA53168

Exiway Line Controller module to increase the number of Dicube controllable devices with the possibility of adding 2 lines of 64 devices in combination with Exiway Smart Control

Code LSS100200-SpaceYnk  
Code MTN6725-0101-Gateway

SpaceYnk is the logic controller for managing general building functions by integrating ordinary and emergency lighting via the KNX-DALI Gateway



## Summary B Self-Contained system

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■ EcoStruxure EL Expert Software	45

# Exiway Smart Control



OVA53167

## Smart Control Unit 128

The Exiway Smart Control Unit 128 automatically performs functional and autonomy tests on all connected Dicube devices compliant with EN 62034. Device configuration can be automatic, sequential with the "eCommission Exiway" app or customised with the "EcoStruxure EL Expert" software. Data can be monitored via different interfaces: app, web server and software.

The control unit integrates directly into EcoStruxure Building, Schneider Electric's specific building automation platform.

Control via Dicube bus with features derived from the DALI protocol (simple bipolar, unshielded, untwisted cable) Exiway Smart Control 128 includes the Control unit and the Line Controller.

A total of 128 devices can be connected to the Smart Control Unit 128 on 2 control lines (2 x 64).

## Line Controller 128

By adding a Line Controller 128 module, it is possible to double the number of controllable Dicube devices to up to 256 devices spread over 4 control lines (4 x 64).

Interconnection via Ethernet between several control units, allowing for a virtually unlimited number of devices to be managed. The software interface remains simple and intuitive.

B

128  
Devices controlled by  
Smart Control Unit 128

+

128  
Devices added  
via additional Line  
Controller 128

=

256  
Devices



OVA53168



## Compatible ranges



Exiway Smartled Dicube



Exiway Smartbeam Dicube



Exiway Smartexit Dicube



Exiway Smartduo  
Dicube

## Features

### Exiway Smart - Control Unit 128

- Supply voltage: 230Vac 50/60Hz
- Absorption: 28 VA
- Output lines: 2
- Maximum number of Dicube devices that can be connected
  - with control unit only: 128 (2x64)
  - with Line Controller added: 256 (4x64)
- Internal battery: CR2477
- Operating temperature: 0°C – 40°C
- Installation in control panel on DIN rail
- Dimensions management mod.: L 90 x H 85 x D 69.5 mm (5 modules)
- Dimensions lines mod.: L 72 x H 92 x D 65 mm (4 modules)
- Weight: 0.42 kg

### Exiway Line Controller 128

- Supply voltage: 230Vac 50/60Hz
- Absorption: 20 VA
- Output lines: 2
- Maximum number of Dicube devices that can be connected: 128 (2x64)
- Installation in control panel on DIN rail
- Weight 0.170 kg
- Max. distance between Dicube devices and Exiway Line Controller
  - 500 m 2 x 2.5 mm<sup>2</sup> cable
  - 300 m with 2 x 1.5 mm<sup>2</sup> cable

## Codes

Model	Output lines	Max. no. of devices that can be connected	Code
Exiway Smart - Control Unit 128	2	2x64	OVA53167
Exiway Line Controller 128			OVA53168
Exiway Smart - Control Unit eplacement			OVA53166

## Exiway - Smart Control VLPD

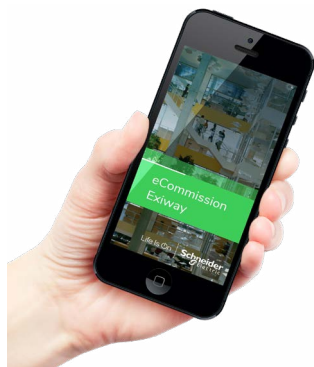
Code OVA53172



Exiway - Smart Control VLPD  
Smartphone Sensor

By connecting the sensor to the smartphone using VLC (Visible Light Communication) technology, all device data and commissioning information is available via the eCommission Exiway app

# Exiway eCommission App



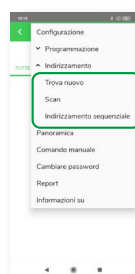
The Exiway eCommission app, which can be downloaded free of charge from Google Play Store, provides the main functions for managing and programming systems built with the Dicube system. With your smartphone and integrated Bluetooth in the control unit, you have what you need to manage the entire system comprehensively: set-up, commissioning, tests and device status always available.

The dedicated App ensures optimal management of the system, thanks also to the intuitive graphic interface that makes it easy for everyone to understand.

After the control unit has been configured, the following functions can be performed:

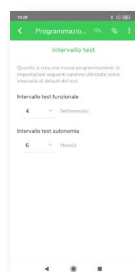
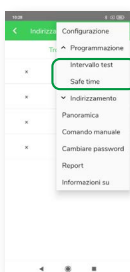


## Addressing actions



- Find New  
Allows commissioning without deleting the addresses of luminaires already addressed.
- Scan  
The "Scan" command deletes all existing addresses and redirects all devices connected to the control unit
- Sequential  
Enables manual addressing using a laser pointer

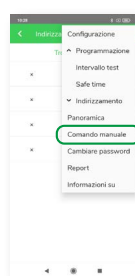
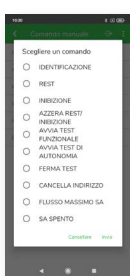
## Planning



From the "Programming" menu, you can change the default test interval and the allowed interval

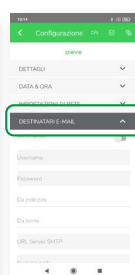
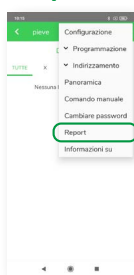
- Test Interval  
Set the intervals for autonomy and functional tests of the devices connected to the control unit
- Allowed Interval  
Set the period allowed for carrying out the tests programmed by the control unit

## Commands



- Commands to individual devices from the luminaire menu
- Controlling groups of luminaires by selecting the "Manual Control" function

## Reports and e-mail notifications



Possibility to download the test report and set up e-mails receipt.

# EcoStruxure EL Expert Software



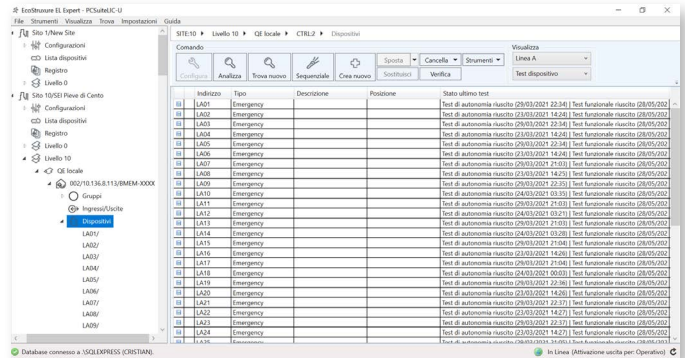
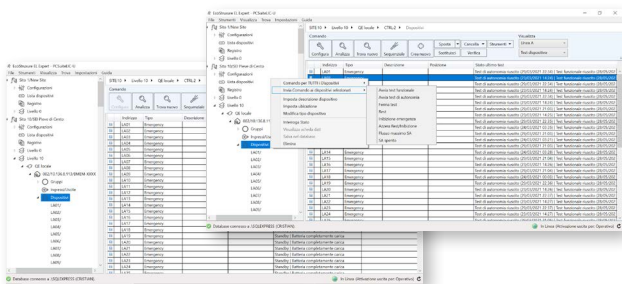
The EcoStruxure EL Expert software allows the complete configuration and monitoring of all systems, from the simplest to the most complex. Multiple functions available such as individual tests and group creation scheduling. The software can control an unlimited number of Control Unit.

B

## Fault Reporting

The software makes it possible by testing connected luminaires for each control unit and display the tests results. It is also possible to:

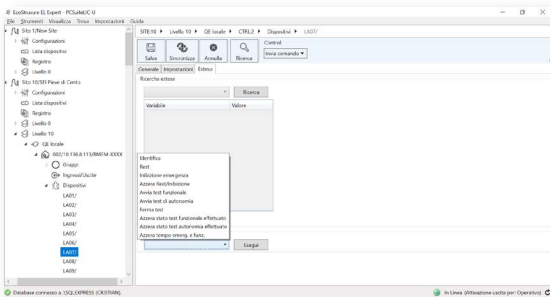
- Consult and download the event log
- Set up e-mail notifications



When replacing a faulty luminaire with a new one, it is possible to associate the new luminaire with the same address as the previous one via the "Replace" command without having to re-address all the devices

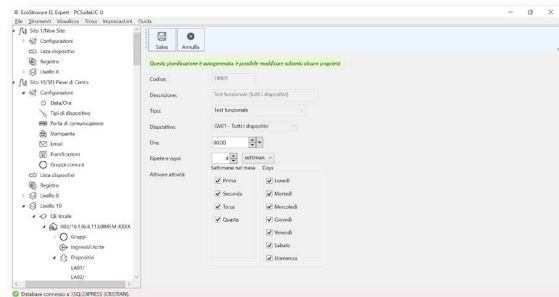
## Commands

- Switching off/on Maintained luminaires
- Updating luminaires status
- Real-time acquisition and updating of luminaires status



## Planning

Possibility to reschedule tests by setting time and frequency with choice of month, week and day.



## Codes

ECOSTRUXURE-EL SW99  
Software for controlling unlimited control units

OVA53171

## EcoStruxure EL Expert Software

### Commissioning



Device addressing is available in 3 different modes:

- **Automatic** via the Control Unit
- **Sequential** via laser pointer, with the possibility of skipping numbers using the App
- **Free** via EcoStruxure EL Expert software

### Local monitoring



Device tests and status are always available via **Exiway eCommission app**, connected via **Bluetooth** to the Smart Control unit. All data is available without any additional device.

### Remote monitoring



Managing and monitoring device remotely with **EcoStruxure EL Expert software**. Integrated web server gives the possibility of downloading the event log and checking device status.

B

## Integrated Solutions for Medium-Large Buildings

The self-contained Dicube system allows you to automatically test emergency lighting complying with the requirements EN 50172, EN 62034 and to maintain the efficiency of the emergency lighting system over the time.

Thanks to the control unit, the Dicube system can be integrated into Schneider Electric's EcoStruxure platform

**EcoStruxure**  
Innovation At Every Level **Building**







№3

3 12

## Summary C Centralized system

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# Exiway Power single-phase



Exiway Power are centralized power supply systems that provide back-up energy in emergency conditions (blackouts) to power safety equipments as specified in EN 50171.

The inverter can support a load of 120% of the declared active power. Exiway Power is the optimal answer to all emergency power needs, even where control and energy management features are required.

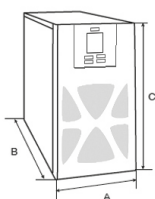
Exiway Power architecture based on KNX-DALI communication allows integration of emergency luminaires with other DALI luminaires simplifying the wiring and programming of the entire lighting system and its monitoring. Any alarms are represented in a graphic environment that integrates emergency lighting into the BMS-Building Management System.



## Features

- UPS for emergency lighting with zero transfer time
- Single-phase input: 600 W, 1500 W, 3000 W, 4700 W
- Single-phase output
- ON-Line dual conversion operation
- 1 -1.5 hour and 2-3 hour autonomy depending on connected load
- Charging time 12 hours

## Dimensions



	OVA23150	OVA23151	OVA23152	OVA23153
<b>Electronics cabinet</b>				
A x C x B	145x223x288	145x238x400	190x336x374	190x336x374
<b>Battery cabinets</b>				
A x C x B	145x238x400	190x336x374	415x620x840	830x620x840

## System Elements



Exiway Power



SpaceYnk web server



Gateway KNX/DALI



Smartexit 230V DALI  
(p. 40)



Under voltage relay

## Exiway Power single-phase

Specifications	OVA23150	OVA23151	OVA23152	OVA23153
<b>Input</b>				
Rated input voltage	230Vac (110-285Vac)		230Vac (110-300Vac)	
Frequency	40-70Hz			
Maximum current v(A)	10	16	29.6	
Input connections	IEC320 C14	IEC320 C20	3-conductor terminal block (L N + G)	
Input power factor	≥ 0.95		≥ 0.99	
Input protection	Thermal switch		Input circuit breaker	
<b>Output</b>				
Operation	ON LINE dual conversion			
Waveform	Sinusoidal			
Rated output voltage	Configurable for rated output voltages 220, 230 or 240V			
Output voltage regulation	+/- 1% static			
Rated frequency - in battery	50 Hz +/- 0.5% or 60 Hz +/- 0.5%		50 Hz +/- 0.1 Hz or 60 Hz +/- 0.1 Hz	
Frequency - AC Mode	50 Hz +/- 3 Hz or 60 Hz +/- 3 Hz		50 Hz +/- 4 Hz or 60 Hz +/- 4 Hz	
Output connections	3 x IEC320 C13	6 x IEC320 C13 1 x IEC320 C19	3-conductor terminal block (L N + G)	
Active power (W) (EN50171-compliant) for 1h autonomy at 20°C	600	1500	3000	4700
Active power (W) (EN50171 compliant) for 2h autonomy at 20°C	300	900	1800	3000
Overload versus Active Power required by EN50171	120% without alarm signalling			
Output voltage distortion	3% max. for linear load 6% max. for non-linear load		1% max. for linear load 4% max. for non-linear load	
Crest factor	3:1			

## Accessories

Model	Code
Gateway KNX DALI	MTN6725-0101
SpaceLynk web server	LSS100200
Network card	APVS9601

# Exiway Power three-phase

Exiway Power emergency power units are centralized power supply systems that provide back-up energy in emergency conditions (blackouts) to power safety equipments as specified in EN 50171.

The inverter, for example, is dimensioned to permanently support a load of 120% of the declared active power. Easy to install and use, Exiway Power is the optimal answer to all emergency power needs, even where control and energy management features are required.

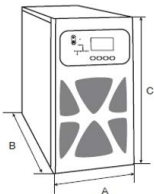
Exiway Power architecture based on KNX-DALI communication allows integration of emergency luminaires with other DALI luminaires simplifying the wiring and programming of the entire lighting system and its monitoring.



## Features

- UPS for emergency lighting with zero transfer time
- Three-phase input
- Three-phase output
- ON-Line dual conversion operation
- Input power factor correction
- 1 hour and 2 hour autonomy depending on connected load
- Charging time 12 hours
- User interface for emergency power unit management
- 9.5 kW and 12 kW models supplied with base with wheels
- Model: 20 kW and 26 kW Model: 9.5 kW and 12 kW and brackets for possible rack mounting
- Intuitive interface with precise and detailed information via the display

## Dimensions



	OVA23330-OVA23331	OVA23332	OVA23333	OVA23334
<b>Electronics cabinet</b>				
A x B x C	250x700x530	250x800x700	250x800x770	250x900x770
<b>Battery cabinet</b>				
A x B x C	800x800x1900	800x800x1900	1400x800x1900	1400x800x1900

## System Elements



Three-phase Exiway Power



Spacelynk web server



Gateway KNX/DALI



Smartexit 230V DALI (P.40)



Under voltage relay (P.40)

## Exiway Power three-phase

Specifications	OVA23330	OVA23331	OVA23332	OVA23333	OVA23334
<b>Input</b>					
Input voltage	Configurable 380/400/415 (range 304-477)				
Input frequency	45 - 65 Hz				
Input power factor	> 0.99				
Total harmonic distortion of input current (THDI)	< 3%		< 4%		
<b>Output</b>					
Operation	ON LINE dual conversion				
Waveform	Sinusoidal				
Rated output voltage	Configurable for rated output voltages 380, 400 or 415V				
Output frequency	50/60 Hz				
Total harmonic distortion of output voltage (THD)	< 3% with linear load < 5.5% with non-linear load				
Response time	zero				
Overload compared to Active Power required by EN50171 (kW)	7.4	12	17.8	25.5	36
Active power (W) for 1 hour autonomy	6200	10000	14800	21000	30000
Power (W) for 2 hour autonomy	3800	6200	8800	12500	18300
Emergency output overload	Up to 110% of active power: shutdown at end of battery capacity. DC: shutdown within 200ms				
Battery charging time	12 hours				
Maximum audible noise at 1 m from the unit	< 60dB			< 63dB	
Protection rating	IP20				
Net weight kg (electronics + batteries)	50 + 588 kg	50 + 788 kg	75 + 1048 kg	77 + 1347 kg	86 + 1784 kg

## Accessories

Model	Code
Gateway KNX DALI	MTN6725-0101
SpaceLink web server	LSS100200
Network card	E3SOPT001

## Spare parts

Code	Description	Exiway Power compatibility
OVA51177	Pb 12V 24Ah Exiway Power three phases battery	OVA23330
OVA51178	Pb 12V 24Ah Exiway Power three phases battery	OVA23331
OVA51179	Pb 12V 56.4Ah Exiway Power three phases battery	OVA23332
OVA51180	Pb 12V 92.8Ah Exiway Power three phases battery	OVA23333
OVA51181	Pb 12V 140Ah Exiway Power three phases battery	OVA23334

# Exiway Power Control



Exiway Power Control is a modular, EN 50171-compliant central power supply for emergency lighting. It allows individual connected devices to be controlled and monitored, without additional cables, with freely programmable circuits. Exiway luminaires in «Control» version are compatible with Exiway Power Control system, but it is also possible to use ordinary luminaires for an emergency function, thanks to the special module installed in the device.

The WEB interface provides a clear view of all information on the system status, with the possibility to display it on graphic maps. Test results, events and all relevant operating parameters can be displayed.

Exiway Power Control is available in 4 different size: PICO, NANO, MEGA and MULTI with power ratings from 500W up to 27kW for 1h duration.



## Features

- Output voltage 230Vac - 216 Vdc
- Charging time 12 h
- Up to 20 addressable luminaires per circuit
- Conventional luminaires with electronic ballast and suitable for an input voltage of 230 Vac/216 Vdc can be connected (with MBE200D module)
- System data stored for up to 5 years
- Memory card (Multi Media Card) for software updates.

## Commissioning Service



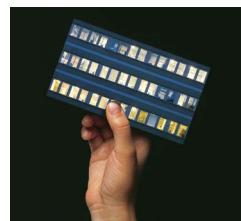
For a commissioning quote, please contact your local Schneider Electric representative.

### Fault monitoring



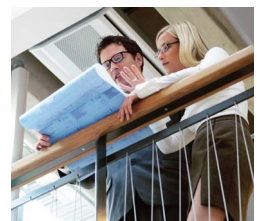
The control unit, equipped with a keypad and LED display, controls the system and monitors the devices, signalling any faults, such as system and circuit status or power supply status.

### Totally self-testing capability



End to end self-testing either on single luminaires or on the power supply circuit. Constant verification of the applied load with functional and autonomy tests on each individual device.

### One BUS for powering and monitoring



One line for power supply and monitoring. Possibility of Maintained and Non Maintained devices on the same circuit. Control of local mains power failure via bus.

## Exiway Power Control



LSS100200  
SpaceLYnk web server

### Integrated Solutions for Medium-Large Buildings

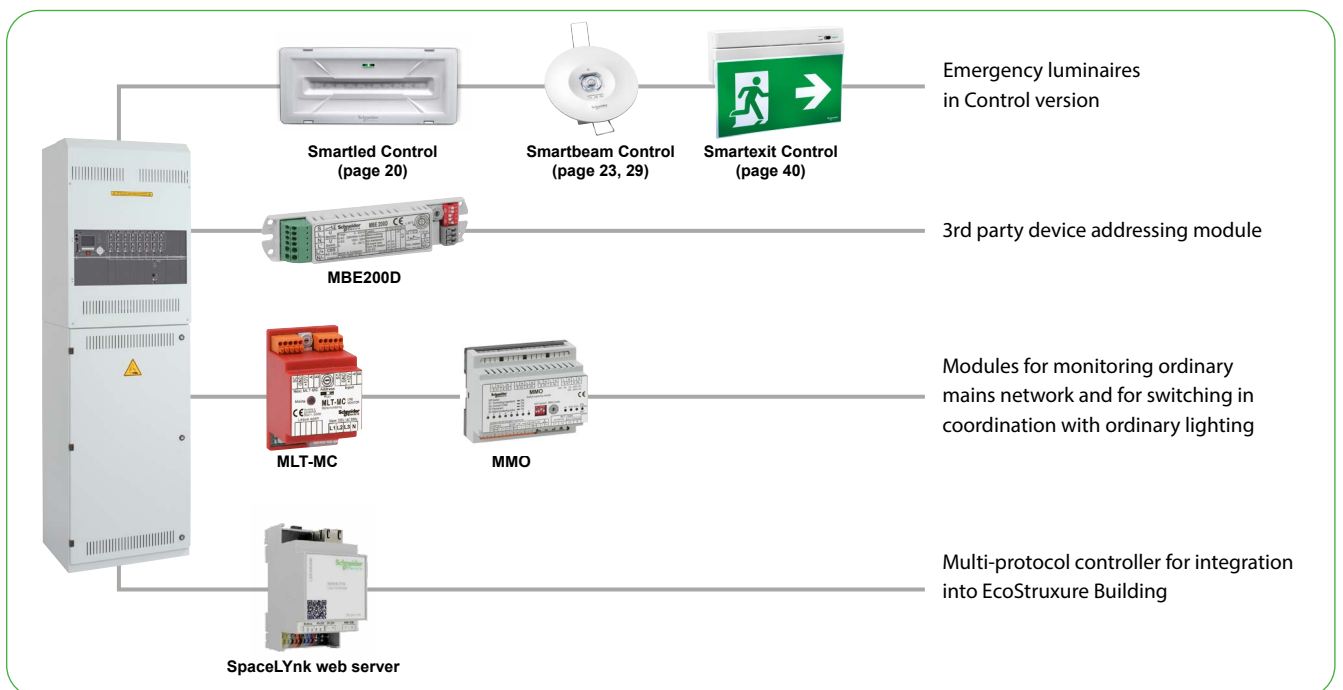
Building management System allows to supervision Exiway Power Control systems from a single platform through SpaceLYnk gateway. The emergency system can be integrated with the IP Modbus or BACnet protocols using the specific SpaceLYnk interface.

**EcoStruxure** Building  
Innovation At Every Level

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### Exiway Control System Elements





# Exiway Power Control Pico

## Technical specifications

- 6 circuits max. (650 VA each and an additional service circuit with max. 150 VA)
- Max. power: 500 W/1h
- MLD32 or MLD12E modules included
- Batteries included and wired in the cabinet
- MMO, MSWC - IN/OUT, MCC modules included



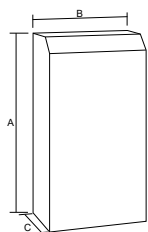
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## Technical Data

Model	Code		
Exiway Power Control PICO	OVA18045	OVA18046 OVA18080*	OVA18047
No. of output circuits	2	4	6
No. of MLD modules (included)	1	2	3
No. of devices (max.)	40	80	120
Power	230 V AC, 50 Hz ±10 %		
Switching mode	230 V AC / 216 V DC ±15 %		
Batteries (included)	Al Pb hermetic (OGiV) no. 18 x 12 V / 5.2Ah		
DC load (max.)	500 W: 1 h 345 W: 1 h 30 270 W: 2 h		
Operating temperature	0°C - 35°C		
Installation	Wall/floor		
Cabinet	RAL 7035 grey steel sheet		
Protection rating	IP20		
Insulation class	I		
Dimensions (H x W x D)	630 x 350 x 230 mm		

\* The MLD12E module is included in OVA18080

## Dimensions



(AxBxC) 630x350x230

## Accessories

Code OVA18509



Addressable three-phase power supply monitoring MLT-MC

Code OVA18544



MMO switching module

Code OVA18508



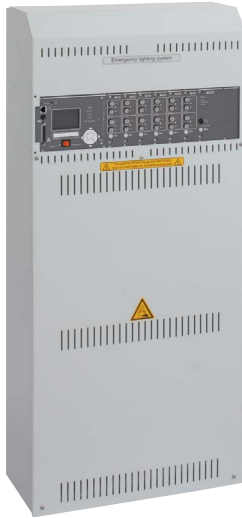
Three-phase power supply monitoring MLT

Code OVA18526



Polycarbonate cover (with key)

# Exiway Power Control Nano



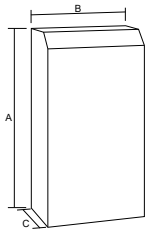
## Technical specifications

- 6 circuits max. (650 VA each and an additional service circuit with max. 150 VA)
- Max. power: 1500 W/1h
- MLD32 or MLD12E modules included
- Batteries included and wired in the cabinet
- MMO, MSWC - IN/OUT, MCC modules included

## Technical Data

Model	Code					
Exiway Power Control NANO	OVA18048	OVA18049	OVA18050	OVA18051 OVA18081*	OVA18052	OVA18053
No. of output circuits	2	4	6	8	10	12
No. of MLD modules (included)	1	2	3	4	5	6
No. of devices (max)	40	80	120	160	200	240
Power	230 V AC, 50 Hz ±10 %					
Switching mode	230 V AC / 216 V DC ±15 %					
Batteries (included)	Al Pb hermetic (OGiV) no. 18 x 12V / 17 Ah					
DC load (max)	1500 W: 1h 1150 W: 1 h 30 900 W: 2 h					
Operating temperature	0°C - 35°C					
Installation	Wall/floor					
Cabinet	RAL 7035 grey steel sheet					
Protection rating	IP20					
Insulation class	I					
Dimensions (H x W x D)	1100 x 500 x 230 mm					

## Dimensions



(AxBxC) 1100x500x230

\*The MLD12E module is included in OVA18081

## Accessories

Code OVA18509



Addressable three-phase power supply monitoring MLT-MC

Code OVA18544



MMO switching module

Code OVA18508



Three-phase power supply monitoring MLT

Code OVA18518



Polycarbonate cover (with key)

# Exiway Power Control Mega



## Technical specifications

- Up to 32 860VA circuits
- Max. power: 5300 W/1h
- MLD42 current module (not included)
- Maximum number of devices that can be connected: 640
- Batteries not included to be chosen according to load
- Cabinet to hold 18 batteries with a capacity of up to 57 Ah integrated
- MMO, MSWC - IN/OUT, MCC modules included.

## Technical Data

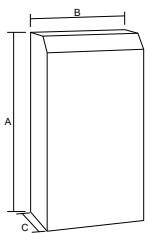
Model	Code				
Exiway Power Control MEGA	OVA18054	OVA18055			
Max. number of output circuits	32	32			
No. of MLD modules (max.)	16	16			
No. of devices (max)	640	640			
Charge current	2.5 A	5 A			
Power	400 V 50 Hz (three-phase + N)				
Switching mode	230 V AC / 216 V DC ±15 %				
Output circuits	32 circuits max. with switching for Maintained and Non Maintained device operation				
Batteries (not included)	Al Pb hermetic (OGiV) no. 18 x 12V				
Performance data including 25% battery ageing reserve (1)	Battery for OVA18054	Ah	1 h	1 h 30	2 h
	OVA51120	17	1822 W	1292 W	1012 W
	OVA51121	26	2430 W	2005 W	1749 W
	OVA51122	28	2357 W	1791 W	1474 W
	OVA51123	33	3102 W	2182 W	1701 W
	OVA51124	40	3782 W	2733 W	2170 W
	OVA51125	45	4236 W	3036 W	2397 W
	Battery for OVA18055	Ah	1 h	1 h 30	2 h
	OVA51126	55	5515 W	4019 W	3211 W
Operating temperature	0°C - 35°C				
Installation	Floor				
Cabinet	RAL 7035 grey steel sheet				
Protection rating	IP20				
Insulation class	I				
Dimensions (H x W x D)	1950 x 600 x 450 mm				

(1) 18 pieces of the battery code must be ordered for each emergency power unit.

### Current modules for configuration

Model	Code
Each module has 2 output circuits that can be programmed for Maintained and Non Maintained operation.	
MLD42 (2x4A)	OVA18504

## Dimensions



(AxBxC) 1950x600x450

## Accessories

Code OVA18509



Addressable three-phase power supply monitoring MLT-MC

Code OVA18544



MMO switching module

Code OVA18508



Three-phase power supply monitoring MLT

Code OVA18527



Polycarbonate cover (with key)

# Exiway Power Control Multi



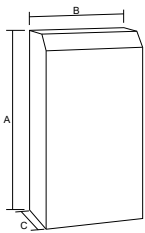
## Technical specifications

- 96 output circuits
- All MLD current modules can be used (not included)
- Via a serial or TCP/IP connection, up to 32 systems or substations can be connected to a network
- Connect and monitor up to 3,072 circuits and 61,440 devices
- Max. power: 27000W/1h
- Batteries not included to be chosen according to load
- MSWC - IN/OUT, MCC modules included.

## Technical Data

Power	400 V 50Hz (three-phase + N)
Switching mode	230 V AC / 216 V DC ±15 %
Output circuits	96 circuits max. with switching for Maintained and Non Maintained device operation
Batteries (not included)	Al Pb hermetic (OGiV) no. 18 x 12V
Operating temperature	0°C - 35°C
Installation	Floor
Cabinet	RAL 7035 grey steel sheet
Protection rating	IP20
Insulation class	I
Dimensions (H x W x D)	Multi combined: 1500 x 600 x 450 mm (with battery compartment) Multi base: 1800 x 600 x 450 mm

## Dimensions



combined with battery compartment (AxBxC) 1500x600x450

base and battery rack cabinets (AxBxC) 1800x600x450

Model	No. of MCHG chargers	Charge current	No. of output circuits* (max)	MLD (max)	Code
Combined device with battery charger, battery compartment up to 45 Ah, three-phase power supply					
Exiway Power Control MULTI combined 1500	1	2.5 A	12	6	OVA18056
	1	2.5 A	24	12	OVA18057
	1	2.5 A	36	18	OVA18058
Basic device with battery charger, three-phase power supply					
Exiway Power Control MULTI 1800	3	7.5 A	12	6	OVA18059
	4	10 A	12	6	OVA18060
	5	12.5 A	12	6	OVA18061
	6	15 A	12	6	OVA18062
	7	17.5 A	12	6	OVA18063
	8	20 A	12	6	OVA18064
	9	22.5 A	12	6	OVA18065
	10	25 A	12	6	OVA18066
	8	20 A	24	12	OVA18067
	10	25 A	24	12	OVA18068
	4	10 A	36	18	OVA18069
	8	20 A	36	18	OVA18070
	10	25 A	36	18	OVA18071
	5	12.5 A	48	24	OVA18072
	10	25 A	48	24	OVA18073
	8	20 A	60	30	OVA18074
	6	15 A	72	36	OVA18075
	10	25 A	72	36	OVA18076
	6	15 A	96	48	OVA18077
MCX device					
	1	2.5 A	48	24	OVA18082
	2	5 A	72	36	OVA18083

Note: it is always necessary to order the floor base (OVA18536, OVA18537)

### Current modules for configuration

Model	Code
Each module has 2 output circuits that can be programmed for Maintained and Non Maintained operation.	
MLD32 (2x3A)	OVA18503
MLD42 (2x4A)	OVA18504
MLD62 (2x6A)	OVA18505
MLD12E	OVA18548

## Exiway Power Control Multi Accessories

Code OVA18509



Addressable three-phase power supply monitoring MLT-MC

Code OVA18544



MMO switching module

Code OVA18545



MSWC switching module - IN/OUT

Code OVA18508



Three-phase power supply monitoring MLT

Code OVA18528



Polycarbonate cover (with key) for 1500 mm cabinet

Code OVA18529



Polycarbonate cover (with key) for 1800 mm cabinet

Code OVA18536



Cabinet base 100 x 600 x 450 mm (HxWxD)

Code OVA18537



Cabinet base 100 x 600 x 600 mm (HxWxD)

Code OVA18533

Output module for MOS substation

Code OVA18534

MCC short-circuit interface



NB: Connecting substations may cause a reduction in the number of available circuits or chargers in the main cabinet.

The substations offer the same functions as the Exiway Power Control MULTI system. In the event of a failure of the main system, the substations operate independently. Each substation has all the programming options and interfaces of the main system. Battery power, on the other hand, is provided by Exiway Power Control MULTI.

Model	Code	
No. of output circuits * max	OVA18078 12	OVA18079 24
No. of MLD modules (max)	6	12
No. of devices (max)		
Operating temperature	0°C - 35°C	
Installation	Wall	
Cabinet	RAL 7035 grey steel sheet	
Protection rating	IP21	
Insulation class	I	
Dimensions (H x W x D)	550 x 600 x 450 mm	

\*1 additional circuit supplied for 150 VA max

## Central Power Supply

### End discharge 1.80 V/Elem - Calculation with constant power

Series	Code	Battery capacity Ah*	Weight (kg)	Max. current and power for 1 h autonomy			Max. current and power for 1.5 h autonomy			Max. current and power for 2 h autonomy		
				I (A)	P (W)**	No. charger	I (A)	P (W)**	No. charger	I (A)	P (W)**	No. charger
OGiV	OVA51117	5,2 Ah	1,90	648 W	3,33 A	1	432 W	2,22 A	1	1,67 A	324 W	1
OGiV	OVA51120	17 Ah	5,50	1823 W	9,38 A	1	1292 W	6,65 A	1	5,21 A	1013 W	1
OGiV	OVA51121	26 Ah	9,20	2430 W	12,50 A	1	2005 W	10,31 A	1	9,00 A	1750 W	1
OGiV	OVA51122	28 Ah	9,10	2357 W	12,13 A	1	1791 W	9,21 A	1	7,58 A	1474 W	1
OGiV	OVA51123	33 Ah	11,00	3102 W	15,96 A	1	2183 W	11,23 A	1	8,75 A	1701 W	1
OGiV	OVA51124	40 Ah	13,80	3783 W	19,46 A	1	2733 W	14,06 A	1	11,17 A	2171 W	1
OGiV	OVA51125	45 Ah	14,60	4236 W	21,79 A	2	3037 W	15,62 A	2	12,33 A	2398 W	2
OGiV	OVA51126	55 Ah	17,20	5515 W	28,37 A	2	4020 W	20,68 A	2	16,52 A	3212 W	2
OGiV	OVA51127	60 Ah	20,70	5565 W	28,63 A	2	4155 W	21,38 A	2	17,38 A	3378 W	2
OGiV	OVA51128	65 Ah	22,40	5889 W	30,29 A	2	4349 W	22,37 A	2	18,04 A	3507 W	2
OGiV	OVA51129	75 Ah	22,50	6820 W	35,08 A	2	5004 W	25,74 A	2	20,67 A	4018 W	2
OGiV	OVA51130	80 Ah	22,40	6966 W	35,83 A	2	5267 W	27,10 A	3	22,22 A	4320 W	3
OGiV	OVA51131	90 Ah	26,50	7695 W	39,58 A	2	5684 W	29,24 A	3	23,58 A	4585 W	3
OGiV	OVA51132	100 Ah	32,00	9558 W	49,17 A	3	6924 W	35,62 A	3	28,33 A	5508 W	3
OGiV	OVA51134	120 Ah	36,00	11745 W	60,42 A	3	8409 W	43,25 A	3	34,13 A	6634 W	3
OGiV	OVA51135	134 Ah	39,50	12150 W	62,50 A	3	8935 W	45,96 A	4	36,96 A	7185 W	4
OGiV	OVA51136	150 Ah	44,80	13770 W	70,83 A	3	9953 W	51,20 A	4	40,67 A	7906 W	4
OGiV	OVA51137	200 Ah	59,10	20169 W	103,75 A	4	14759 W	75,92 A	5	60,83 A	11826 W	5
OGiV	OVA51138	260 Ah	71,00	21762 W	111,94 A	5	16468 W	84,71 A	6	69,51 A	13514 W	6

\* C20; 1.8 V/Elem.; 20° C

\*\* Power with reserve for battery ageing included

### Calculation of the required battery pack

Data:

P tot = Total power (W) of the devices

T = Required autonomy

Select the smallest battery in the table with  $P \geq P_{tot}$  on the required autonomy line

Calculation of Discharge Current

$$I_s = P_{tot} / 216 V$$

Select the smallest battery in the table with  $I \geq I_s$  on the required autonomy line

Example:

P tot = 16 kW, T = 1h

$$I_s = 16000 W / 216 V = 74,1 A$$

74.1 A → 204 Ah

### Compatibility of cabinets and battery racks

Battery code	Description	Cabinet code				Rack code	
		OVA18520* Batt. Cab. 600x450x900H	OVA18521 Batt. Cab. 600x450x1100H	OVA18522* Batt. Cab. 600x450x1800H	OVA18523 Batt. Cab. 800x600x1850H	OVA18524 Batt. Frame 1150x470x880H	OVA18525 Batt. Frame 1650x590x880H
OVA51120	Batt. Pb 12V 17Ah HL	●	●				
OVA51121	Batt. Pb 12V 26Ah HL	●	●				
OVA51122	Batt. Pb 12V 28Ah HL	●	●				
OVA51123	Batt. Pb 12V 33Ah HL	●	●				
OVA51124	Batt. Pb 12V 40Ah HL	●	●				
OVA51125	Batt. Pb 12V 45Ah HL	●	●				
OVA51126	Batt. Pb 12V 55Ah HL		●				
OVA51127	Batt. Pb 12V 60Ah HL			●	●	●	
OVA51128	Batt. Pb 12V 65Ah HL			●	●	●	
OVA51129	Batt. Pb 12V 75Ah HL			●	●	●	
OVA51130	Batt. Pb 12V 80Ah HL			●	●	●	
OVA51131	Batt. Pb 12V 90Ah HL			●	●	●	
OVA51132	Batt. Pb 12V 100Ah HL			●	●	●	
OVA51134	Batt. Pb 12V 120Ah HL				●	●	●
OVA51135	Batt. Pb 12V 134Ah HL				●	●	●
OVA51136	Batt. Pb 12V 150Ah HL				●	●	●
OVA51137	Batt. Pb 12V 200Ah HL				●	●	●
OVA51138	Batt. Pb 12V 260Ah HL						●

Note: 18 items of the battery code must be ordered for each emergency power unit.

\* It is always necessary to order the floor base (OVA18536, OVA18537)

# Accessories and modules



## MLD current modules

Module for supplying power to safety devices. Each module has 2 output circuits to each of which up to 20 devices can be connected. Each device can be individually monitored and can be programmed for permanent or non-permanent operation. In the MEGA and MULTI models, the choice of module is based on the configuration of the power supply unit.

### Modules for configuration

Model	Fuse	Maximum load	Code
MLD12E			OVA18548*
MLD32	5 A	3 A / 648 VA	OVA18503
MLD42	6.3 A	4 A / 864 VA	OVA18504
MLD62	10 A	6 A / 1296 VA	OVA18505

### Spare parts modules

Model	Fuse	Maximum load	Code
MLD32 PF	5 A	3 A / 648 VA	OVA18541
MLD42 PF	6.3 A	4 A / 864 VA	OVA18542
MLD62 PF	10 A	6 A / 1296 VA	OVA18543

\* Enables the individual connected device to be switched on and off from the control unit.



## MMO switching module

Module for monitoring ordinary mains network and for switching in coordination with ordinary lighting.

The device has 8 galvanic isolated inputs that can be connected to light switches or electrical circuits with 230 V voltage.

The connection to the central unit is made via a 4-wire cable and up to 16 modules can be interconnected.

Installable on DIN rail. Dimensions (mm) H90 x W105 x 64.5.

Model	Code
MMO	OVA18544



## MSWC-IN/OUT module

The I/O module is a device for signalling system status.

It has 7 outputs with 230V / 6 A potential-free contacts.

It also provides 4 isolated switching inputs of 18-250 V DC or 184-276 V 50 Hz AC with selectable polarity.

Message texts can be set at control unit notification level. An I/O module is already integrated into all groups and is programmed for connection to conventional alarm panels.

Installable on DIN rail. Dimensions (mm) H90 x W105 x 64.5.

Model	Code
MSWC-IN/OUT	OVA18545



## Three-phase power supply monitoring MLT-MC

Addressable three-phase power monitoring device with communication bus to the central unit.

In the event of a mains failure, the device switches on the emergency luminaires.

The switching threshold for the detection of a mains failure or a major power fluctuation is around 85% of the rated voltage (230 VAC), i.e. approx. 195 V.

Installable on DIN rail. Dimensions (mm) H90 x W54 x 54.

Model	Code
MLT-MC	OVA18509



## Three-phase power supply monitoring MLT

Three-phase power monitoring device.

Two exchange contacts with a maximum value of 2 A at 30 VDC or 230 VAC are used for switching in the event of a fault.

The switching threshold for the detection of a mains failure or a major power fluctuation is around 85% of the rated voltage (230 VAC), i.e. approx. 195 V.

Installable on DIN rail. Dimensions (mm) H90 x W44 x 54.

Model	Code
MLT	OVA18508

## Accessories and modules



### MCC critical circuit interface

The module provides current control in a safety loop and must be combined with the MLT module. In the event of a loop interruption, the system goes into emergency mode.

Model	Code
MCC	OVA18534



### Polycarbonate cover (with key)

This cover protects the power unit against unauthorized user.

Model	Description	Code	Code
Polycarbonate cover	Exiway Power Control PICO		OVA18526
	Exiway Power Control NANO		OVA18518
	Exiway Power Control MEGA		OVA18527
	Exiway Power Control MULTI	1500 mm	OVA18528
		1800 mm	OVA18529



### MBE200D modules for ordinary lighting

The MBE200D module allows ordinary devices to be converted into Control models for emergency function.

The module is suitable for 4-200VA ballasts, also dimmable.

The module provides all switching modes and can monitor individual devices.

Power supply monitoring allows the operation of the connected luminaires in Maintained operation and Non Maintained operation.

### General features

- Load monitoring up to 200 VA
- 2.5 mm<sup>2</sup> connectors with bypass connection
- Local power monitoring.

Model	Code
MBE200D	OVA18501



# Accessories and modules



### Battery racks

Model	Dimensions (mm) (H x W x D)	Code
Rack	1150 x 470 x 880	OVA18524
	1650 x 590 x 880	OVA18525

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### Battery cabinets

Model	Dimensions (mm) (H x W x D)	Code
Cabinet	900 x 600 x 450	OVA18520
	1100 x 600 x 450	OVA18521
	1100 x 600 x 450	OVA18522
	1850 x 800 x 600	OVA18523

### Battery features

Code	Description	No. of batteries to be ordered	C20 battery capacity		Dimensions of individual batteries				Weight kg
			V	Ah	L	P	H	H*	
OVA51120	Batt. Pb 12V 17Ah HL	18	12	17	181	77	167	167	5.7
OVA51121	Batt. Pb 12V 26Ah HL	18	12	26	165	176	127	127	8.4
OVA51122	Batt. Pb 12V 28Ah HL	18	12	28	165	125	175	175	9.5
OVA51123	Batt. Pb 12V 33Ah HL	18	12	33	195	130	155	166	10.5
OVA51124	Batt. Pb 12V 40Ah HL	18	12	40	197	165	170	170	13.2
OVA51125	Batt. Pb 12V 45Ah HL	18	12	45	197	165	170	170	14.5
OVA51126	Batt. Pb 12V 55Ah HL	18	12	55	229	138	208	211	17.7
OVA51127	Batt. Pb 12V 60Ah HL	18	12	60	260	168	211	214	20.3
OVA51128	Batt. Pb 12V 65Ah HL	18	12	65	350	167	179	179	21
OVA51129	Batt. Pb 12V 75Ah HL	18	12	75	260	168	211	214	23
OVA51130	Batt. Pb 12V 80Ah HL	18	12	80	260	168	211	214	25
OVA51131	Batt. Pb 12V 90Ah HL	18	12	90	306	169	211	214	27.5
OVA51132	Batt. Pb 12V 100Ah HL	18	12	100	330	171	214	220	30
OVA51134	Batt. Pb 12V 120Ah HL	18	12	120	409	176	225	225	35
OVA51135	Batt. Pb 12V 134Ah HL	18	12	134	342	172	280	285	41.2
OVA51136	Batt. Pb 12V 150Ah HL	18	12	150	485	172	240	240	42.5
OVA51137	Batt. Pb 12V 200Ah HL	18	12	200	522	238	218	221	61
OVA51138	Batt. Pb 12V 260Ah HL	18	12	260	521	269	220	223	73

\*Including poles



Life Is On

