



Designed to be seen only
in case of emergency

Exiway Smartbeam



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Life Is On

Schneider
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Discreet and qualitative solution for antipanic lighting

Compliant with standards for open areas and escape routes

Discreet luminaire

The new Exiway Smartbeam is a discreet wide spacing emergency lighting solution thought to minimize aesthetic impact in public places. Their lenses are designed to shape the light to better cover the requested area with the minimum number of luminaires, always complying with emergency lighting regulation (0,5 lux in open areas and 1 lux in escape routes). Following spacing tables supplied, installers could comply with EN1838 without lighting calculations.

Simple installation and maintenance

The installation of Exiway Smartbeam is possible without accessories. For Self-diagnostic luminaire, the maintenance is solved and guaranteed with a long-lasting LED light source and a battery lifetime up to 8 years.

Invisible but highly performant

Exiway Smartbeam complies with standards, keeping in mind aesthetics. It covers a wide range of needs: small, medium, and large commercial buildings, including offices, banks, hospitals, restaurants... It is available in self-diagnosis version (Exiway Smartbeam Activa) and addressable version (Exiway Smartbeam DiCube).



Two versions, to better suit your building's needs.



Flush

This model features a flush ceiling mount to ensure seamless integration to the existing room décor.



Surface

When the flush installation is not possible, this version can be surface mounted.

Smartbeam's Strengths



- Very low aesthetic impact
- Long-lasting LED light source
- Reduced number of fixtures required
- LiFePO4 battery, with an expected lifetime up to 8 years
- Complies with European regulations requesting
- Easy installation without accessories

Technical specifications

- Available for maintained operation and non-maintained operation, the selection is made on the connector or using on board switch
- Self-diagnostic, adressable versions: automatic addressing through Control Unit
- Compliant with IEC/EN 60598-1, IEC/EN 60598-2-22, IEC/EN 62034, IEC/EN 62471 -group 1 standards
- ENEC certification
- Protection rating: IP42/IK04, IP65/IK07
- Insulation class: II
- Operating temperature: 0...40°C
- Fire behaviour (EN 60695-2-10), incandescent wire: 850°C
- Case of self-extinguishing polycarbonate 94V-2 (UL 94)
- Long-lasting LED light source 1 x 10 W (> 10 years expected in typical ambient temperature* condition)
- Power supply: 220/230 V, 50/60 Hz
- Complete recharge in 12h for 1.5h and 3h autonomy
- Battery: LiFePO4 technology with longer lifetime
- Dedicated references available for recessed installation in false ceiling or surface ceiling installation - Escape route (1 lux) or Open Area (0.5 lux).


(* Typical environment temperature: 25°C.



Exiway Smartbeam Activa & DiCube	Protection rating	Autonomy (h)	Average flux (lm)		Consumption N.M/M		LiFePO4 battery		Weight (kg)	Exiway Smartbeam Activa Reference	Exiway Smartbeam DiCube Reference
			emergency condition	maintained mode	(VA)	(W)	(V)	(Ah)			
False ceiling  P147334	Escape route										
	IP42 IK04	1.5	200	200	3.9/8.3	0.43/3.5	3.2	1.5	0.292	OVA48920	OVA48940
		3	200	200	4.6/8.7	0.52/3.5	6.4	1.5	0.335	OVA48922	OVA48944
	Open area										
	IP42 IK04	1.5	220	220	3.9/8.3	0.43/3.5	3.2	1.5	0.292	OVA48921	OVA48941
		3	220	220	4.6/8.7	0.52/3.5	6.4	1.5	0.335	OVA48923	OVA48945
Surface  P147333	Escape route										
	IP65 IK07	1.5	190	190	3.9/8.3	0.43/3.5	3.2	1.5	0.479	OVA48924	OVA48942
		3	190	190	4.6/8.7	0.52/3.5	6.4	1.5	0.524	OVA48926	OVA48946
	Open area										
	IP65 IK07	1.5	220	220	3.9/8.3	0.43/3.5	3.2	1.5	0.479	OVA48925	OVA48943
		3	220	220	4.6/8.7	0.52/3.5	6.4	1.5	0.524	OVA48927	OVA48947

(* Luminaire is not suitable for general lighting application according to Directive 2009/125/EC.

Spare parts reference numbers

	Description	Compatibility		Reference
Batteries (LiFePO4)  P147391	3.2 V, 1.5 Ah	OVA48920 OVA48921 OVA48924 OVA48925	OVA48940 OVA48941 OVA48942 OVA48943	OVA51154
	6.4 V, 1.5 Ah	OVA48922 OVA48923 OVA48926 OVA48927	OVA48944 OVA48945 OVA48946 OVA48947	OVA51157

Accessory reference numbers

		Compatibility	Dimensions (mm) height x width x depth	Reference
Vetrosignal kit visibility 20 m		False ceiling	115 x 210	OVA53180
Pictogram kit 45° for Vetrosignal		False ceiling	115 x 210	OVA53183
Adaptator ring		False ceiling	Ø 140	OVA53181
Smart TBS 150		All models (for 150 luminaires)	90x85x68 5 mod. of 18mm	OVA53161
Smart TBS 250LS		All models (for 250 luminaires)	90x85x68 5 mod. of 18mm	OVA53162

Spacing tables

Exiway Smartbeam Activa (LED versions)

Reference	Installation height for ceiling mounting	Lux level directly under luminaires	Escape routes 1 Lux min. along centreline				Area covered to obtain more than 1 Lux on the ground	Open (anti-panic) areas 0.5 Lux min. Luminaires arranged in a regular array				Area covered to obtain 0.5 Lux on the ground
			A (m)	B (m)	C (m)	D (m)		E (m)	F (m)	G (m)	H (m)	
OVA48920 OVA48922	(m)	(lux)					(m ²)					(m ²)
	2.50	7.28	7.69	19.88	2.63	7.24	48.35	5.57	12.97	2.24	5.25	83.21
	3.00	5.06	7.62	21.10	2.56	7.41	48.87	6.08	14.50	2.38	5.69	90.37
	3.50	3.72	6.80	21.71	2.50	7.41	49.20	6.13	16.14	2.57	6.09	96.58
	4.00	2.84	6.28	21.83	2.40	7.27	46.41	6.25	17.71	2.70	6.36	94.02
	5.00	1.82	5.55	18.81	2.02	6.97	29.75	6.62	20.35	2.73	6.87	96.69
	6.00	1.26	4.52	17.22	1.39	6.45	26.78	7.04	22.07	2.50	7.32	91.04
OVA48921 OVA48923	2.50	8.11	3.78	9.97	3.78	9.87	40.91	4.01	11.19	4.01	10.95	76.24
	3.00	5.63	3.84	10.39	3.84	10.34	45.52	4.17	11.74	4.17	11.64	80.33
	3.50	4.14	3.82	10.68	3.82	10.63	47.38	4.27	12.32	4.27	12.22	87.47
	4.00	3.17	3.73	10.81	3.73	10.76	38.08	4.36	12.75	4.36	12.52	91.64
	5.00	2.03	3.28	10.82	3.31	10.77	29.75	4.31	13.65	4.34	13.55	96.69
	6.00	1.41	2.33	10.34	2.39	10.29	10.71	4.11	14.18	4.20	14.08	85.69
	7.00	1.03	0.67	9.44	0.80	9.35	0.00	3.55	14.44	4.11	14.34	58.31
OVA48924 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
	3.00	5.38	7.33	19.63	2.75	7.75	45.52	5.47	11.81	2.36	4.84	89.03
	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
OVA48925 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
	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