

Description: modular system for suspended installation (suspending kit to be ordered separately), direct and indirect **LED** emission. The device includes a light sensor and a presence detector.

Body: sheet-steel body powder coated with **white “dry”** epoxy powders thermosetting at 180°C, with degreasing, phosphating and washing treatment
Other colours available upon request according to the RAL colour chart. End caps to be ordered separately.

Optics: **PMO** diffuser made of semi-transparent micro prismatic polycarbonate, protected against UV rays. The diffuser allows a controlled anti-glare emission (UGR<19), therefore it is suitable to be installed in the presence of visual display units according to **UNI EN 12464-1** regulations. **Indirect light optic POL in smooth opal polycarbonate.** Protected against UV rays for better resistance to atmospheric agents.

Glow-wire test resistance at 850°C

Protection degree: **IP20**.

Wiring: feeding 220-240V 50/60Hz with rigid cable (section 0.50 mm²) and PVC-HT sheathing resistant at 90°C according at CEI 20-20. Terminal board with maximum wire section allowed 2,5 mm². Insulation class I. It is suitable for the installation on normally inflammable surfaces.

- **LED (DALI)** dimmable version, digital standard DALI, with electronic driver, included.
- **LED-E (DALI)** emergency version, with emergency kit. In case of blackout or no electrical feeding, the LED module connected to the emergency group keeps on working, autonomy 1h, batteries included.

Luminous sources:

High efficiency LED modules, CRI>80 (CRI>90 available on request), colour temperature **3000K** and **4000K** (LED diodes selected 3 MacAdam ellipses to grant a uniform chromaticity).

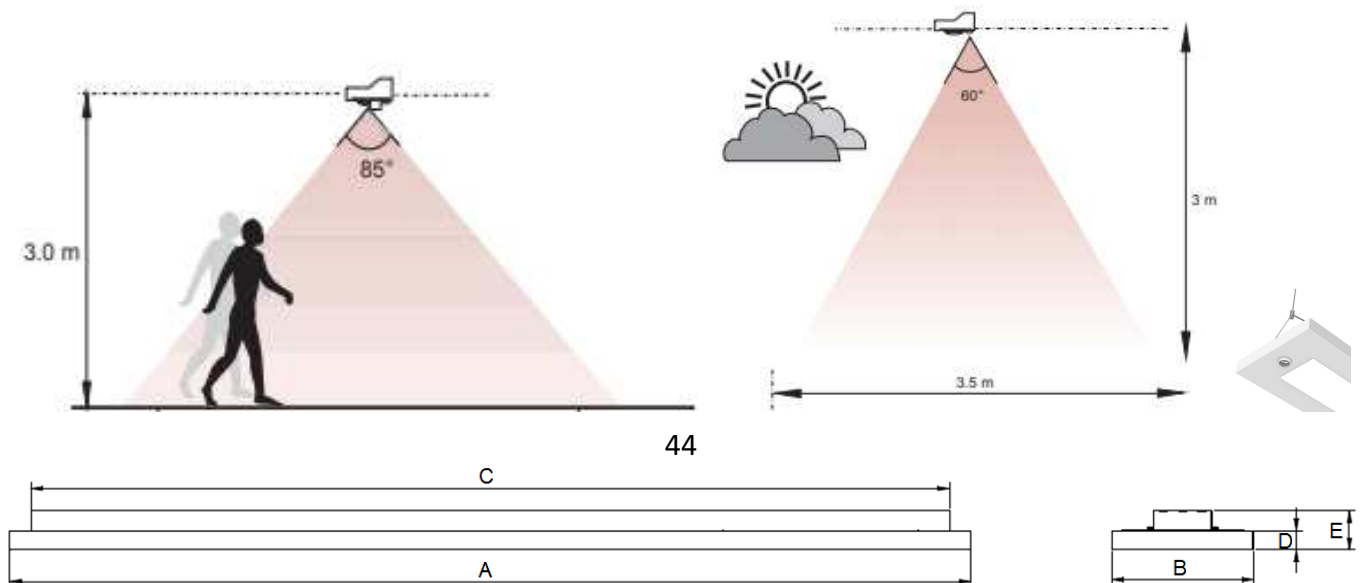
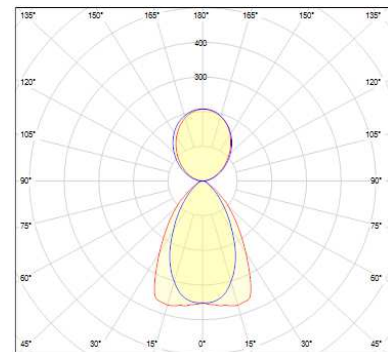
LED TUNABLE WHITE 2700-6500K versions available on request.

Duration of LEDs in normal conditions: over **50.000** hours at **L80/B10** with a ta. of 25°C.

Ambient temperature: maximum 35°C, 25°C for the emergency versions.

Regulations: luminaire in conformity with:

- | | | |
|----------------|------------------|----------------------------|
| • EN 61547 | • IEC/TR 62471-2 | • EN 60598-2-13 |
| • EN 55015 | • EN 60061-1 | • EN 62471 (risk class: 0) |
| • EN 61000-3-2 | • EN 62031 | • EN 62560 |
| • EN 61000-3-3 | • EN 62493 | • EN 60968 |
| • EN 60529 | • EN 60598-1 | |



“Dry” white colour






Power [W] indirect light	Power [W] direct light	Colour Temperature	CRI	Effective Flux of indirect light + direct light [lumen] *	Efficiency of indirect light + direct light [lm/W]	Energy class	Dimensions [mm]					Codes / Wiring	
							A	B	C	D	E	LED DALI	LED-E DALI
26	26	3000K	>80	1560+2496	60+96	A++	1255	185	1200	25	52	353000005	-
26	26	4000K	>80	1664+2678	64+103	A++	1255	185	1200	25	52	353000017	-
26	33	3000K	>80	1560+3168	60+96	A++	1555	185	1500	25	52	353000006	353000050
26	33	4000K	>80	1664+3399	64+103	A++	1555	185	1500	25	52	353000018	353000056
26	48	3000K	>80	1560+4608	60+96	A++	1255	185	1200	25	52	353000007	-
26	48	4000K	>80	1664+4944	64+103	A++	1255	185	1200	25	52	353000019	-
26	60	3000K	>80	1560+5760	60+96	A++	1555	185	1500	25	52	353000008	353000053
26	60	4000K	>80	1664+6180	64+103	A++	1555	185	1500	25	52	353000020	353000059












“Dry” grey colour








Power [W] indirect light	Power [W] direct light	Colour Temperature	CRI	Effective Flux of indirect light + direct light [lumen] *	Efficiency of indirect light + direct light [lm/W]	Energy class	Dimensions [mm]					Codes / Wiring	
							A	B	C	D	E	LED DALI	LED-E DALI
26	26	3000K	>80	1560+2496	60+96	A++	1255	185	1200	25	52	353000029	-
26	26	4000K	>80	1664+2678	64+103	A++	1255	185	1200	25	52	353000041	-
26	33	3000K	>80	1560+3168	60+96	A++	1555	185	1500	25	52	353000030	353000062
26	33	4000K	>80	1664+3399	64+103	A++	1555	185	1500	25	52	353000042	353000068
26	48	3000K	>80	1560+4608	60+96	A++	1255	185	1200	25	52	353000031	-
26	48	4000K	>80	1664+4944	64+103	A++	1255	185	1200	25	52	353000043	-
26	60	3000K	>80	1560+5760	60+96	A++	1555	185	1500	25	52	353000032	353000065
26	60	4000K	>80	1664+6180	64+103	A++	1555	185	1500	25	52	353000044	353000071

*The effective flux could have a tolerance of $\pm 10\%$.

INSTALLATION ACCESSORIES

 <p>KS100043</p>	<p>SUSPENDING KIT COMPOSED OF: ELECTRIFIED SQUARE CEILING ROSE 100X100X25, 2 STEEL SUSPENSIONS, WITH A SECOND HOLE FOR THE TRANSPARENT 3 POLES CABLE EXIT L=1700mm. “DRY” WHITE COLOUR.</p>
 <p>KS100053</p>	<p>SUSPENDING KIT COMPOSED OF: ELECTRIFIED SQUARE CEILING ROSE 100X100X25, 2 STEEL SUSPENSIONS, WITH A SECOND HOLE FOR THE TRANSPARENT 3 POLES CABLE EXIT L=1700mm. “DRY” GREY COLOUR.</p>
 <p>KS100045</p>	<p>SUSPENDING KIT COMPOSED OF: ELECTRIFIED SQUARE CEILING ROSE 100X100X25, 2 STEEL SUSPENSIONS, WITH A SECOND HOLE FOR THE TRANSPARENT 5 POLES CABLE EXIT L=1700mm. “DRY” WHITE COLOUR.</p>
 <p>KS100055</p>	<p>SUSPENDING KIT COMPOSED OF: ELECTRIFIED SQUARE CEILING ROSE 100X100X25, 2 STEEL SUSPENSIONS, WITH A SECOND HOLE FOR THE TRANSPARENT 5 POLES CABLE EXIT L=1700mm. “DRY” GREY COLOUR.</p>
 <p>KS02504_</p>	<p>ELECTRIFIED SQUARE CEILING ROSE. “DRY” WHITE COLOUR.</p>

 KS02505_	ELECTRIFIED SQUARE CEILING ROSE. "DRY" GREY COLOUR.
 KS02504E	ELECTRIFIED SQUARE CEILING ROSE IN "DRY" WHITE COLOUR WITH A SECOND HOLE FOR THE CABLE EXIT. THE CABLE IS NOT INCLUDED.
 KS02505E	ELECTRIFIED SQUARE CEILING ROSE IN "DRY" GREY COLOUR WITH A SECOND HOLE FOR THE CABLE EXIT. THE CABLE IS NOT INCLUDED.
 CVTxx075L020	TRANSPARENT POWER CABLE L=2000m Ø 0,75mmq AVAILABLE WITH 3-5-7 POLES DEPENDING ON THE WIRING OF THE LAMP. (TO CHANGE THE RED X WITH THE REQUIRED NUMBER OF WIRES).
 KS009	STEEL SUSPENSIONS It is recommended to use 2 pcs. for each lamp.
 MC3520040655	CONNECTIVE MODULE TOUCH IN "DRY" WHITE L=655mm (union brackets included)
 MC3520050655	CONNECTIVE MODULE TOUCH IN "DRY" GREY L=655mm (union brackets included)
 MC3520041255	CONNECTIVE MODULE TOUCH IN "DRY" WHITE COLOUR L=1255mm (union brackets included)
 MC3520051255	CONNECTIVE MODULE TOUCH IN "DRY" GREY COLOUR L=1255mm (union brackets included)
 MC3520041555	CONNECTIVE MODULE TOUCH IN "DRY" WHITE COLOUR L=1555mm (union brackets included)
 MC3520051555	CONNECTIVE MODULE TOUCH IN "DRY" GREY COLOUR L=1555mm (union brackets included)

 IN352004	JUNCTION TOUCH IN "DRY" WHITE COLOUR (union brackets included)
 IN352004L	90° TWO-WAY JUNCTION IN "DRY" WHITE COLOUR (union brackets included)
 IN352004T	THREE-WAY JUNCTION IN "DRY" WHITE COLOUR (union brackets included)
 IN352005	JUNCTION TOUCH IN "DRY" GREY COLOUR (union brackets included)
 IN352005L	90° TWO-WAY JUNCTION IN "DRY" GREY COLOUR (union brackets included)
 IN352005T	THREE-WAY JUNCTION IN "DRY" GREY COLOUR (union brackets included)
 KFS352000	UNION BRACKET