ЮНИА-Т ЕООД
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LINEA SQUARE



... interior square, plastic, surface-mounting.

USE

LINEA family is a perfect lighting solution of modern and technically functional illumination. It offers ceiling and wall-mounted luminaires with balanced shadowing and uniform light. Thanks to various sizes, individual premises as well as public buildings can be attractively illuminated.

The Linea light fitting line can be used as a comprehensive solution for lighting of office buildings, schools, hospitals, libraries, as well as individual lighting of flat interiors, corridors, sanitary and welfare facilities.

Thanks to its high luminous efficiency and low electricity consumption it is a suitable replacement for light fittings with fluorescent tubes.

ADVANTAGES

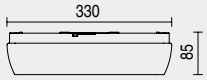
- Light fitting protection **IP54**
- Maximum ambient temperature up to t_a = **35 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC) = high light transmission
- Body: white polycarbonate (PC) = high mechanical resistance
- Up to 50 % lower electricity consumption when compared to compact fluorescent tubes
- In DALI version possibility of constant luminous flux for whole lifetime (CLO)
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K
- It can be delivered in dimmable or emergency version

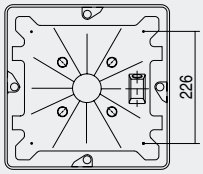
LINEA SQUARE



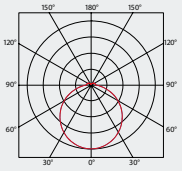
TECHNICAL DESCRIPTION

- Light fitting protection: IP54
- Maximum ambient temperature: t_a = 35 °C, Maximum ambient temperature: t_a = 0-35 °C (version with emergency back-up source M3hAt)
- Maximum system efficacy: 139 lm/W
- The watt and lumen values can vary by ± 7,5 %
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC), UV stable, impact-resistant
- Body: white polycarbonate (PC), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Rotary cap: polyamide + 10 % glass fibre
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: rubber (SBS)
- Terminal block: screwless, three-pole (basic version)
- Electric equipment: LED modules, current driver or current driver DALI





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Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]
			Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	
For ambient temperature max. t_a = 35 °C - body: white polycarbonate - diffuser: translucent polycarbonate						
LINEA SQUARE 2500/840 *	35	2540	2030	15,7	129	1,4
LINEA SQUARE 3600/840	30	3560	2850	23,1	123	1,5

*) Also available with MultiLumen function:

Type	MultiLumen function								
	Step 2			Step 3			Step 4		
	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]
LINEA SQUARE 2500/840 ML	1820	13,7	133	1540	11,4	135	1250	9,0	139

63560 LINEA SQUARE 3600/840 = suitable replacement for compact fluorescent lamps 2×26 W

LINEA SQUARE

Diffuser made of translucent polycarbonate

Code	Type	M3hAt	DALI	DALI M3hAt	SNS	SNS M3hAt	COR	COR M3hAt
63351	LINEA SQUARE 2500/840 ML	109917	63376	109921	63355	109926	63379	109930
63560	LINEA SQUARE 3600/840	109918	63563	109922	63561	109927	63380	109931

LEGEND

DALI – version with digital dimmable driver DALI
COR – version with digital dimmable driver DALI and set CORRIDOR function
SNS – microwave motion sensor

M3hAt – emergency back-up source with operating time of 3 hours (SA) for both permanent and emergency illumination with autotest

LIGHT FITTING ATTACHMENT AND ITS DETAILED VIEW

Directly to a ceiling or a wall with the use of screws



LINEA SQUARE



