ЮНИА-Т ЕООД
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LINEA ROUND



BIM ready

... interior circular, 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

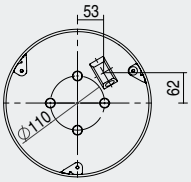
LINEA ROUND

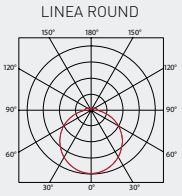


TECHNICAL DESCRIPTION

- 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: 137 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







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 ROUND 2500/840 *	35	2540	2010	15,7	128	1
LINEA ROUND 3600/840	30	3560	2810	23,1	122	1,1

*) 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 ROUND 2500/840 ML	1790	13,7	131	1520	11,4	133	1230	9,0	137

63640 LINEA ROUND 3600/840 = suitable replacement for compact fluorescent lamps 2×26 W

LINEA ROUND

Diffuser made of translucent polycarbonate

Code	Type	M3hAt	DALI	DALI M3hAt	SNS	SNS M3hAt	COR	COR M3hAt
63304	LINEA ROUND 2500/840 ML	109935	63328	109939	63308	109944	63331	109948
63640	LINEA ROUND 3600/840	109936	63663	109940	63641	109945	63332	109949

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 ROUND



