

LINEA



... indoor, surface-mounted, plastic.

USE

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.

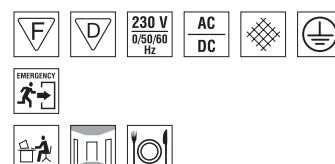
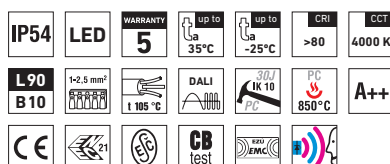
ADVANTAGES

- 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 45 % lower electricity consumption when compared to tubes T5
- 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, CRI > 90: 3000 K, 4000 K
- It can be delivered in dimmable or emergency version
- Certification: ESČ, ENEC, CB

T A

Č R

Technology
Agency
of the Czech Republic

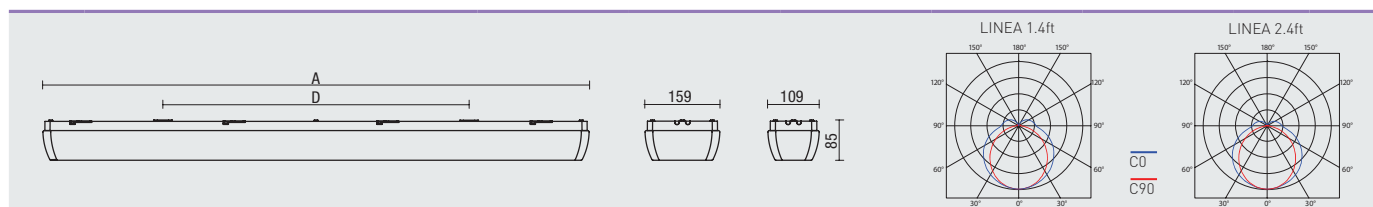


LINEA



TECHNICAL DESCRIPTION

- Light fitting protection: IP54
- Maximum ambient temperature: $t_a = 35^\circ\text{C}$, Maximum ambient temperature: $t_a = 25^\circ\text{C}$ (version with emergency back-up source for 1 hour; M1h)
- Maximum system efficacy: 126 lm/W
- The watt and lumen values can vary by $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- 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



| Code | Type | Luminous flux of LED modules [lm] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | Net weight [kg] | A [mm] | D [mm] |
|--|----------------------|-----------------------------------|-------------------------------------|-----------------------|------------------------|-----------------|--------|--------|
| For ambient temperature $t_a = 35^\circ\text{C}$ - body: white polycarbonate - diffuser: translucent polycarbonate | | | | | | | | |
| 63140 | LINEA 1.4ft 2600/840 | 2600 | 2240 | 18 | 124 | 1,9 | 1160 | 650 |
| 63150 | LINEA 1.4ft 3200/840 | 3200 | 2720 | 22 | 124 | 1,9 | 1160 | 650 |
| 63160 | LINEA 1.4ft 4400/840 | 4400 | 3720 | 30 | 124 | 1,9 | 1160 | 650 |
| 63240 | LINEA 2.4ft 5200/840 | 5200 | 4330 | 35 | 124 | 2,5 | 1160 | 650 |
| 63250 | LINEA 2.4ft 6400/840 | 6400 | 5210 | 42 | 124 | 2,5 | 1160 | 650 |
| 63260 | LINEA 2.4ft 8800/840 | 8800 | 7280 | 58 | 126 | 2,5 | 1160 | 650 |

63150 LINEA 1.4ft 3200/840 = suitable replacement for T8 fl. tube light fitting SM 136 - 1x36W
 63160 LINEA 1.4ft 4400/840 = suitable replacement for T8 fl. tube light fitting SM 158 - 1x58W

63250 LINEA 2.4ft 6400/840 = suitable replacement for T8 fl. tube light fitting SM 236 - 2x36W
 63260 LINEA 2.4ft 8800/840 = suitable replacement for T8 fl. tube light fitting SM 258 - 2x58W

LINEA

Diffuser made of translucent polycarbonate

| Code | Type | M1h | DALI | DALI M1h | Senzor | DALI Senzor |
|-------|----------------------|-------|-------|----------|--------|-------------|
| 63140 | LINEA 1.4ft 2600/840 | 63144 | 63143 | 63147 | x | x |
| 63150 | LINEA 1.4ft 3200/840 | 63154 | 63153 | 63157 | x | x |
| 63160 | LINEA 1.4ft 4400/840 | 63164 | 63163 | 63167 | x | x |
| 63240 | LINEA 2.4ft 5200/840 | 63244 | 63243 | 63247 | 63241 | 63248 |
| 63250 | LINEA 2.4ft 6400/840 | 63254 | 63253 | 63257 | 63251 | 63258 |
| 63260 | LINEA 2.4ft 8800/840 | 63264 | 63263 | 63267 | 63261 | 63268 |

Example of type marking: 63263 = LINEA 2.4ft 8800/840 DALI

LEGEND

DALI - version with digital dimmable driver DALI ; the corridor function can be used

M1h - emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination
 Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT AND ITS DETAILED VIEW

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



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