BELTR LED



... indoor, plastic, surface-mounted, batten, MultiLumen.

USE

The light fitting is suitable for offices, hallways, school interiors, libraries, lecture rooms, sanitary rooms, hospitals and passenger terminals.

Thanks to the MultiLumen function, the luminaire can be adjusted for changing lighting requirements without much effort.

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

ADVANTAGES

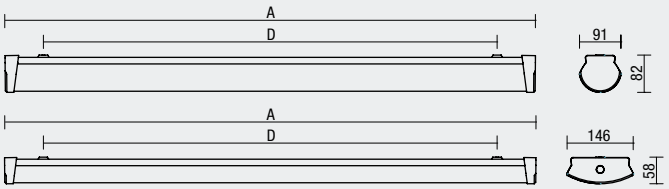
- Light fitting protection **IP44**
- Maximum ambient temperature up to **t_a = 40 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: steel sheet, white colour (RAL 9003)
- Up to 45 % lower electricity consumption when compared to tubes T5
- In DALI version possibility of constant luminous flux for whole lifetime (CL0)
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- **MultiLumen (ML)** function enables simple switching between up to four luminous fluxes via driver's DIP switch.
- It can be delivered in dimmable or emergency version
- Possibility to through-wire individual light fittings to row with the use of external terminal blocks
- Certification: CE

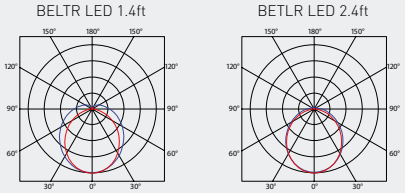
BELTR LED



TECHNICAL DESCRIPTION

- Light fitting protection: IP44
- Maximum ambient temperature: t_a = 40 °C, Maximum ambient temperature: t_a = 0-40 °C (version with emergency back-up source M3hAt)
- Maximum system efficacy: 143 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: steel sheet, white colour (RAL 9003)
- **MultiLumen (ML)**: luminous flux variable in up to 4 steps. In the standard version preset maximum luminous flux.
- Side covers: white (ABS), UV stable, with offsets allowing fixing the light fitting with enclosed screws M4 against tampering
- Cable gland: white, rubber
- Terminal block: screwless, three-pole (basic version)
- Electric equipment: LED modules, current driver or current driver DALI





Type	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
		Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
For ambient temperature t_a = 40 °C - body: steel sheet, white colour - diffuser: translucent polycarbonate							
BELTR LED 1.2ft 1600/840	1630	1320	10,5	126	0,8	610	500
BELTR LED 1.4ft 3200/840	3260	2640	20,1	131	1,4	1170	1000
BELTR LED 1.5ft 4000/840	4180	3390	25,3	134	1,8	1450	1000
BELTR LED 2.2ft 3200/840 *	3250	2630	20,1	131	1,3	610	500
BELTR LED 2.4ft 6400/840 *	6520	5280	38,4	138	2,3	1170	1000
BELTR LED 2.5ft 8000/840 *	8330	6750	48,3	140	2,9	1450	1000

*) 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]
BELTR LED 2.2ft 3200/840 ML	2280	17,3	132	1930	14,5	133	1560	12,3	127
BELTR LED 2.4ft 6400/840 ML	4580	32,9	139	3860	27,4	141	3130	22,0	142
BELTR LED 2.5ft 8000/840 ML	5850	41,5	141	4950	34,6	143	4000	27,9	143

BELTR LED

Kód	Typ	3F	M3hAt	3F M3hAt
106917	BELTR LED 1.2ft 1600/840	x	x	x
106919	BELTR LED 1.4ft 3200/840	x	110105	x
106921	BELTR LED 1.5ft 4000/840	x	110106	x
106923	BELTR LED 2.2ft 3200/840 ML	106929	x	x
106925	BELTR LED 2.4ft 6400/840 ML	106931	110107	110072
106927	BELTR LED 2.5ft 8000/840 ML	106933	110108	110073

BELTR LED DALI

Digitally dimmable DALI driver

Code	Type	3F	M3hAt	3F M3hAt
106947	BELTR LED 1.2ft 1600/840 DALI	x	x	x
106949	BELTR LED 1.4ft 3200/840 DALI	x	110109	x
106951	BELTR LED 1.5ft 4000/840 DALI	x	110110	x
106953	BELTR LED 2.2ft 3200/840 DALI	106959	x	x
106955	BELTR LED 2.4ft 6400/840 DALI	106961	110111	110074
106957	BELTR LED 2.5ft 8000/840 DALI	106963	110112	110075

BELTR LED SNS

Microwave motion sensor

Code	Type	3F	M3hAt	3F M3hAt
106977	BELTR LED 2.2ft SNS 3200/840 ML	106983	x	x
106979	BELTR LED 2.4ft SNS 6400/840 ML	106985	110113	110076
106981	BELTR LED 2.5ft SNS 8000/840 ML	106987	110114	110077

LEGEND

3F - 3-phase 5 core through-wiring in the luminaire
M3hAt - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
3F M3hAt - 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)
DALI - version with digital dimmable driver DALI
DALI 3F - 3-phase 7 core through-wiring in the luminaire
DALI 3F M3hAt - 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

LIGHT FITTING ATTACHMENT

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




LIGHT FITTING DETAILED VIEW

BELTR LED



