

Description

LED tunnel lighting system consisting of a stainless steel installation channel with two light components, especially designed for the use in road tunnels, with best ergonomics for all drivers, whether in cars or in trucks: the mounting height of the channel below eye level and the illumination of the road as well as the tunnel walls, prevents the drivers from being dazzled.

COMFYWAY provides better support for the special visual tasks in tunnels than conventional tunnel luminaires. Furthermore, the COMFYWAY Flatbeam tunnel lighting system is able to integrate also the functions of additional luminaires, like street limiting lights or escape route luminaires.

The low mounting height has two great benefits: on the one hand the easier mounting and maintenance works, on the other hand that in case of fire the light is not impaired by rising smoke and heat, and thus the road and the escape route stay always illuminated.

Applications

Tunnel with round or rectangular cross-section, e.g. road tunnels, underpasses, noise protection enclosures, gallery tunnels; road lighting, and many others.

Design

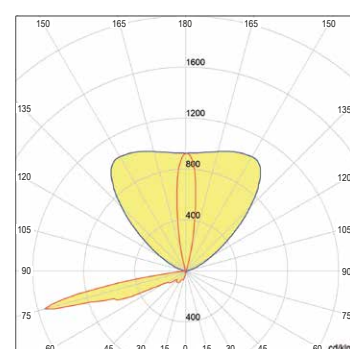
- + Housing : Tunnel luminaire, channel: stainless steel; Indirect luminaire: aluminium
- + Surface : untreated
- + Cover : glass
- + Mounting : surface mounting, luminaires integrated in channel, theft-proof attachment

Technical Data

- + Light colour : 4000 K; optionally coloured indirect light component on enquiry
- + Syst. performance : Tunnel luminaire 12 W, 1800 lm | 24 W, 3600 lm
- + Dimming : optionally DALI
- + Dimensions : Tunnel luminaire W= 78 mm, H= 143 mm, L= 485 mm or 770 mm
Light channel profile: W= 111 mm, H= 126 mm
- + Operating device : integrated
- + Temperature range : -25° C up to +50° C
- + Protection : IP 65 | SK II
- + Norms/standards : according to current DIN/EN and VDE standards

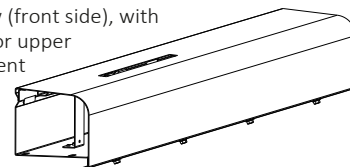
Light distribution

— C 0 - C 180 — C 90 - C 270

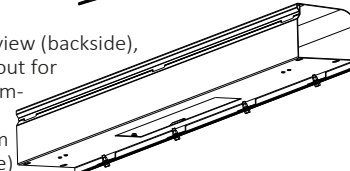


Installation channel

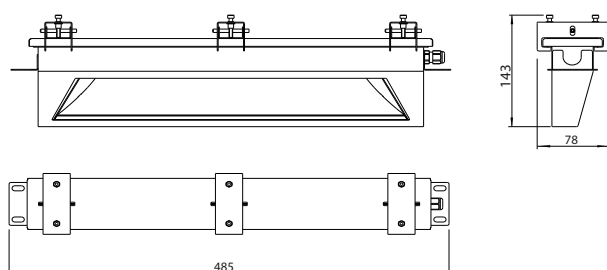
Top view (front side), with cutout for upper component



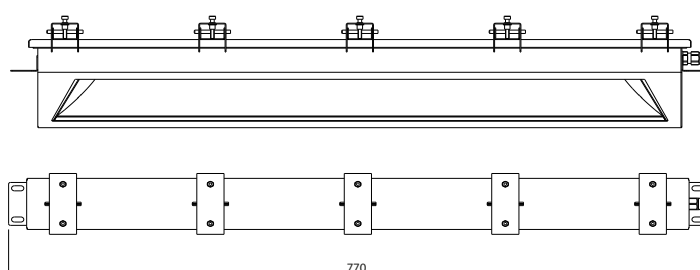
Bottom view (backside), with cutout for lower component (flatbeam luminaire)



Flatbeam Tunnel luminaire short (lower component)



Flatbeam Tunnel luminaire long (lower component)



Article	Description	Watt	Lumen	Kelvin	CRI	Surface	Dimensions l x w x h	Unit	Art.No.
01 Flatbeam	Tunnel luminaire LED short	12	1800	4000	80	stainless steel	485 x 78 x 143 mm	piece	3701-600
02 Flatbeam	Tunnel luminaire LED long	24	3600	4000	80	stainless steel	770 x 78 x 143 mm	piece	3701-650
03 Flatbeam	Indirect Luminaire LED	12	1800	4000	80	-	390 x 50 x 45 mm	piece	3701-900
04 Flatbeam	Installation channel					stainless steel	l x w = 111 x 126 mm	m	3701-800

Other variants and accessories on enquiry. Subject to technical modifications and amendments. 09/2020

