



TubeLine LED unit – Optimised comfort with a linear LED solution

TubeLine

Fluorescent linear lighting has traditionally been the preferred choice for customers demanding a high level of visual comfort. With excellent lighting uniformity on the road and walls, perfect visual guidance and high colour recognition, linear lighting offers the driver superior lighting quality and safety as well as high system redundancy compared to point-source lighting solutions. With TubeLine, the same lighting quality can be achieved but with the advantages of LED technology.

TubeLine is a state-of-the-art LED tunnel luminaire which offers all the benefits of linear lighting. With the latest LED technology, optimised dimensions and attractive pricing, linear lighting has never been more achievable within the constraints of limited budgets.

Benefits

- Optimal traffic flow due to increased visual comfort and safety compared to point-source lighting
- Quick return on investment
- Flexible, easy-to-install solution

Features

- Robust, corrosion-resistant aluminium build
- Standard length 2 m
- Smooth design, easy to clean
- Remote driver designed to prevent lane closures
- Lumen packages up to 14,400 lm
- Flexible mounting and connectivity
- Compatible with Philips controls

Application

- Traffic tunnels
- Underpasses

Specifications

TubeLine

Type	BGP360
Light source	Integral LED-module
Power	21-108 W (21/44/72/82/108 W system power)
Luminous flux	3,000 up to 14,400 lm (3,000/6,000/10,000/11,400/14,400 lm)
Luminaire efficacy	> 120 lm/W (129/124/126/125/120 lm/W)
Correlated Colour	NW (4,000 K)
Temperature	Optional CW (5,700 K)
Colour Rendering Index	Minimal 70
Lumen maintenance at 100,000 h median useful life*	L95
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-30 to +45 °C
Driver	Separate (non-self ballasted LED-module)
Options	Flying lead length Flying lead cable type Through-wiring Cable-gland metal Connector type
Optic	DTS, DTS-NB, DTS-WB, DTA, DTA-NB, DTA-WB
Optical element	Lenses
Optical cover	Glass flat
Material	Housing: extruded aluminium with diecasted endcaps and glass cover Extruded aluminium profiles: AlMg Si 0.5 anodised 25 µm Endcaps: diecaster aluminium, LM-6 powder-coated 65 µm Glass cover: 5 mm, thermally toughened

Colour	Extruded aluminium: natural Die-cast aluminium end-caps
Connection	Flying lead with plug fitted
Maintenance	NOT openable on site
Installation	Can be mounted with various mounting brackets: Standard, Ceiling and Cable tray-mounting brackets. A trunking solution is available: trunking profiles and cabling/connectivity solution. No integrated driver, a separate driver unit needs to be connected to power the LED unit. Operating temperature: -30 to +40 °C Recommended mounting height: > 4 m Mounting orientation: horizontal lengthwise in the tunnel
Cable gland	M12
Accessories	Mounting brackets: Standard, Ceiling and Cable tray-mounting brackets. Trunking profiles (at 2/4/6 m length) and cabling/connectivity solution. Special driver units to power the TubeLine locally and units for remote power supply.
Remarks	All accessories need to be ordered separately.

Versions



TubeLine BGP360 tunnel luminaire

TubeLine

Product details

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TubeLine_BGP360-DP02.tif



TubeLine_BGP360-DP03.tif



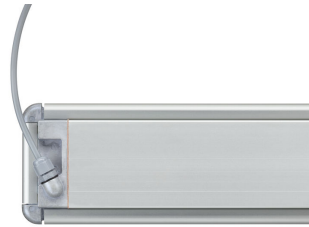
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TubeLine_BGP360-DP07.tif



TubeLine_BGP360-DP08.tif



TubeLine

Product details

TubeLine_BGP360_ZGP360-
DP09.tif



Accessories

TubeLine Acc.

Ordercode 10112100



TubeLine Acc.

Ordercode 10719200



TubeLine Acc.

Ordercode 10720800

