



# 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

<b>Type</b>	BGP360	<b>Colour</b>	Extruded aluminium: natural
<b>Light source</b>	Integral LED-module		Die-cast aluminium end-caps
<b>Power</b>	21-108 W (21/44/72/82/108 W system power)	<b>Connection</b>	Flying lead with plug fitted
<b>Luminous flux</b>	3,000 up to 14,400 lm (3,000/6,000/10,000/11,400/14,400 lm)	<b>Maintenance</b>	NOT openable on site
<b>Luminaire efficacy</b>	> 120 lm/W (129/124/126/125/120 lm/W)	<b>Installation</b>	Can be mounted with various mounting brackets: Standard, Ceiling and Cable tray-mounting brackets.
<b>Correlated Colour</b>	NW (4,000 K)		A trunking solution is available: trunking profiles and cabling/connectivity solution.
<b>Temperature</b>	Optional CW (5,700 K)		No integrated driver, a separate driver unit needs to be connected to power the LED unit.
<b>Colour Rendering Index</b>	Minimal 70		Operating temperature: -30 to +40 °C
<b>Lumen maintenance at 100,000 h median useful life*</b>	L95		Recommended mounting height: > 4 m
<b>Performance Ambient Temperature Tq</b>	+25 °C		Mounting orientation: horizontal lengthwise in the tunnel
<b>Operating temperature range</b>	-30 to +45 °C	<b>Cable gland</b>	M12
<b>Driver</b>	Separate (non-self ballasted LED-module)	<b>Accessories</b>	Mounting brackets: Standard, Ceiling and Cable tray-mounting brackets.
<b>Options</b>	Flying lead length Flying lead cable type Through-wiring Cable-gland metal Connector type		Trunking profiles (at 2/4/6 m length) and cabling/connectivity solution.
<b>Optic</b>	DTS, DTS-NB, DTS-WB, DTA, DTA-NB, DTA-WB		Special driver units to power the TubeLine locally and units for remote power supply.
<b>Optical element</b>	Lenses	<b>Remarks</b>	All accessories need to be ordered separately.
<b>Optical cover</b>	Glass flat		
<b>Material</b>	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		

## Versions



TubeLine BGP360 tunnel luminaire

# TubeLine

## Product details

TubeLine\_BGP360-DP01.tif



TubeLine\_BGP360-DP02.tif



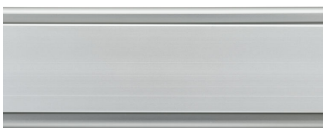
TubeLine\_BGP360-DP03.tif



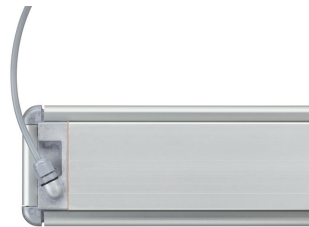
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TubeLine\_BGP360-DP05.tif



TubeLine\_BGP360-DP06.tif



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

