



# FlowPad – Smart choice for brighter tunnels

## FlowPad

Municipalities value energy savings more than ever, as energy price hikes put increasing pressure on budgets. Tunnel lighting consumes substantial energy, so large-scale upgrades to energy-efficient LED tunnel lights are essential to cities' cost-saving efforts. FlowPad has been upgraded to minimize costs while maximizing efficacy, safety, and functionality. And the best part — FlowPad offers big light window with professional photometric, so it ensures safe and comfortable lighting in tunnels. These tunnel lights not only look good, they also offer excellent performance. Future-proof technology combines with high efficacy, innovative design, and smart connectivity in a light that makes your tunnels look brighter and better.

### Benefits

- High efficacy for energy savings and sustainability
- Quality components combined with durable design
- Big window with optimized efficiency and multiple light pattern controls
- Interact Ready. Can be paired with IoT systems and lighting applications
- Easy access to SPD, driver, and gear compartment

### Features

- Six housing types covering up to 80Klm
- Typical 160lm/W, high lumen efficacy for energy saving
- Robust quality and reliability, 50Khrs lifetime @Ta50C Outdoor
- Operation temperature up to Ta55C Outdoor
- Professional optics for various applications, with big glass window
- DALI dimming interface and optional NEMA/Zhaga socket for system
- Tool-less maintenance for Driver box and SPD

Application

- City Tunnel
- Highway Tunnel
- Underpass
- Elevated road

Specifications

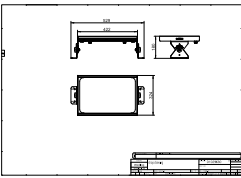
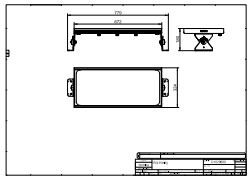
Material	Housing: extrusion aluminum and glass
	Driver box: sheet metal
Light Source	LED module
Installation	Ceiling mount
	Wall mount
Luminous flux	up to 80-84klm system flux
Correlated color	2200K
temperature - CCT	2700K
	3000K
	4000K
	5700K
Luminaire efficacy	160lm/W
Color Rendering index - 70	
CRI	
Optical distribution	R-JP
	DTA
	DTA-WB
	DTS-WB
	DSM
	DTX2

Power	up to 510W
Mains Voltage	220-240V, 50/60Hz120-277V, 50/60Hz
Control system input	1-10V / StepDim / DALI / Coded mains / D4i
Dimming	PSR: 1-10V dimmable
	PSRD: StepDim
	PSD: DALI
	PSC: Coded mains
Performance ambient	SR: D4i
	Outdoor Ta50C
temperature Tq	
Operating Temperature range	Outdoor: - 40°C < Ta< 55°C
Accessories	Extendable cable
Ingress protection	IP66
Certification	CB/EMC

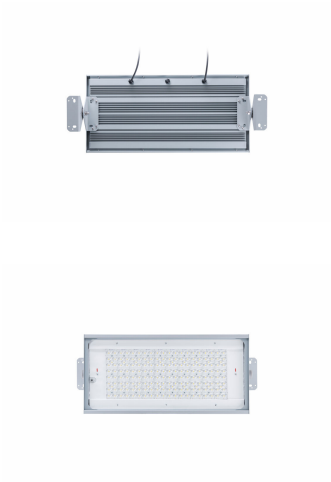
Versions



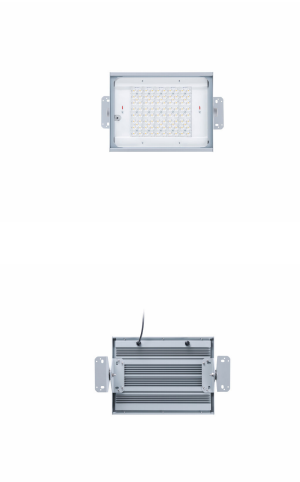
Dimensional drawing



Product details



FlowPad Tunnel



FlowPad Tunnel

General Information	
Driver included	No
Number of gear units	-
Service tag	Yes
Light Technical	
Luminaire light beam spread	148° x 88°
Light source color	740 neutral white
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Glass
Housing Color	Grey
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes
Flammability mark	-
Glow-wire test	-

Light Technical

Order Code	Full Product Name	Luminous Flux
911401606709	BWP605 LED560/NW 340W DTA C2 C	55,600 lm
911401606509	BWP603 LED284/NW 170W DTA C	28,300 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401606709	BWP605 LED560/NW 340W DTA C2 C	340 W

Order Code	Full Product Name	Power Consumption
911401606509	BWP603 LED284/NW 170W DTA C	170 W

