PHILIPS

Lighting

FlowPad

BWP606 LED797/NW 480W DTA C2 C

FlowPad, 79700 lm, 480 W, 740 neutral white, 148° x 88°, depends on driver (1-10V, DALI...), Safety class I, Mounting bracket adjustable

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.

Product data

General Information	
Number of gear units	-
Driver included	No
Light source engine type	LED
Service tag	Yes
Value ladder	Specification

Light Technical	
Luminous Flux	79,700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	166 lm/W
Color rendering index (CRI)	70

Beam angle of light source	116 degree(s)
Light source color	740 neutral white
Optic type	Very wide beam
Luminaire light beam spread	148° x 88°
Effective projected area	0.339 m²

Operating and Electrical	
Input Voltage	120-200 V
Line Frequency	0 Hz
Power Consumption	480 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole

FlowPad

Cable	Cable with connector 3-pole
Number of products on MCB of 16 A type B	-
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	Yes
Control interface	depends on driver (1-10V, DALI...)

Mechanical and Housing

Housing Material	Aluminum extruded
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Grey
Mounting device	Mounting bracket adjustable
Optical cover finish	Clear
Overall length	1,169 mm
Overall width	325 mm
Overall height	180 mm
Dimensions (Height x Width x Depth)	180 x 325 x 1169 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Glass
Net Weight (Piece)	13.490 kg

Approval and Application

Glow-wire test	-
Flammability mark	-
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	50 °C
Ambient temperature range	-40 to +50 °C

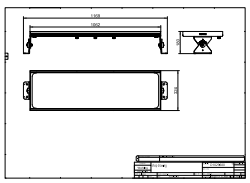
Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	0.3818;0.3797
Power consumption tolerance	+/-10%

Product Data

Order product name	BWP606 LED797/NW 480W DTA C2 C
Full product name	BWP606 LED797/NW 480W DTA C2 C
Order code	911401606809
Material Nr. (12NC)	911401606809
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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