Tango Mini BVP280

BVP280 LED44/CW 40W 220-240V AMB GM

Tango Mini BVP280, 4400 lm, 40 W, Cool white, Asymmetrical medium beam, 39° x 96°, Safety class I, Mounting bracket adjustable

Tango mini LED is a general purpose LED flood lighting luminiare for various lighting applications, such as area lighting, bill-board, façade, industry area and other general applications. The Tango mini LED flood light incorporates LED light source, optical system, heat sink and driver into one compact housing. Its specially designed heat sink incorporates aesthetics and functionality to ensure reliability and long lifetime. Tango mini LED takes advantage of LED technology which provides energy savings and a longer lifetime, bringing area lighting into a new era.

Product data

General Information

Lamp family code	–
Light source replaceable	Yes
Number of gear units	–
Driver included	Yes
Light source engine type	LED
Lighting Technology	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	–
ENEC mark	–
EU RoHS compliant	No

Light Technical

Luminous Flux	4,400 lm

Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	>70
Light source color	Cool white
Optical cover type	Polycarbonate micro lens optic
Luminaire light beam spread	39° x 96°
Optic type outdoor	Asymmetrical medium beam

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Power Consumption	40 W
Power Factor (Fraction)	0.95

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Connection	Flying leads/wires
Cable	–

Temperature

Ambient temperature range	–40 to +50 ℃

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	–
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Steel
Housing Color	Aluminum and gray
Mounting device	Mounting bracket adjustable
Optical cover shape	–
Optical cover finish	Frosted
Overall length	253 mm
Overall width	240 mm
Overall height	47 mm

Effective projected area	0.052 m²
Dimensions (Height x Width x Depth)	47 x 240 x 253 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	SDCM<7
Power consumption tolerance	+/-10%

Product Data

Order product name	BVP280 LED44/CW 40W 220-240V AMB GM
Full product name	BVP280 LED44/CW 40W 220-240V AMB GM
Full product code	911401823098
Order code	01823098
Material Nr. (12NC)	911401823098
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1

Dimensional drawing

www.lighting.philips.com

2023, May 1 – data subject to change