PHILIPS Lighting



DigiStreet Catenary

BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB

DigiStreet Catenary, LED module 6400 lm, 740 neutral white, Safety class I, Distribution symmetrical wide 1, Aluminum, Luminaire surge protection level until 6 kV differential mode and 6 kV common mode, Catenary bracket

Philips DigiStreet Catenary is a new member of the DigiStreet Road & Street family, and it enables you to benefit from the same lighting quality, distinctive design and the advantages of connected lighting systems in applications requiring catenary solutions. Supporting Smart City initiatives, the full DigiStreet range can be equipped with two System Ready (SR) sockets to enable your city to opt in for existing and future controls, sensors and applications such as the Philips CityTouch remote light management system. In addition, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag, which is based on QR coding. With a simple scan of the QR code, which is located on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, throughout the luminaire's entire lifetime.

Product data

General Information	
Lamp family code	LED64 [LED module 6400 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating
	performance of LED based luminaires - January
	2018": statistically there is no relevant difference in
	lumen maintenance between B50 and for example
	B10. Therefore, the median useful life (B50) value

also represents the B10 value. Zhaga-D4i / SR compatibility: Luminaire prepared for D4i / SR drivers and Zhaga Book18 socket, offering a standardized futureproof platform for connectivity and sensors. For Zhaga-D4i / SR based luminaires only Zhaga-D4i / SR Certified components/sensors are to be used (see also: https://www.zhagastandard.org/products / http://www.lighting.philips.co.uk/oem-emea/ products/driving-connected-lighting). Functional compatibility of 2 Zhaga-D4i / SR certified)

DigiStreet Catenary

	components/sensors to be used in combination as	Driver/power u
	well as override possibility of any lineswitch function	Control interfa
	used in a SR based luminaire, is to be released by the	Constant light
	master component/sensor supplier. For the use of	
	NEMA 7pin socket on a Zhaga-D4i / SR based	Mechanical a
	luminaire a full system verification is required. Not	Housing Mater
	following these advises can/will cause risk of damage	Reflector mate
	and non-compliance for which Signify cannot take	Optic material
	any responsibility. * At extreme ambient	Optical cover r
	temperatures the luminaire might automatically dim	Fixation mater
	down to protect components	Housing Color
Light source engine type	LED	Mounting devi
Product family code	BTP764 [DigiStreet Catenary]	Optical cover s
Lighting Technology	LED	Optical cover f
Value ladder	Specification	Overall length
CE mark	Yes	Overall width
Warranty period	5 years	Overall height
Flammability mark	For mounting on normally flammable surfaces	Effective proje
ENEC mark	ENEC mark	Dimensions (H
EU RoHS compliant	Yes	Depth)
		. ,
Light Technical		Approval an
Upward light output ratio	0	Ingress protec
Luminous Flux	6,400 lm	Mech. impact
Standard tilt angle posttop	-	Surge Protecti
Standard tilt angle side entry	-	Differential)
Correlated Color Temperature	4000 K	Sustainability
(Nom)		Protection clas
Luminous Efficacy (rated) (Nom)	152 lm/W	Photobiologica
Color rendering index (CRI)	70	
Light source color	740 neutral white	Initial Perfor
Optical cover type	Flat glass	Luminous flux
Luminaire light beam spread	-	Initial chromat
Optic type outdoor	Distribution symmetrical wide 1	Power consum
Operating and Electrical		Init. Color Ren
Input Voltage	220 to 240 V	Tolerance
Line Frequency	50 to 60 Hz	
Inrush current	43 A	Over Time P
Inrush time	0.26 ms	Control gear fa
Power Consumption	38 W	median useful
Power Factor (Fraction)	0.97	Lumen mainte
Connection		useful life* 100
	Screw connector	
Cable		Application
Number of products on MCB of 16	ו כ	Performance a
A type B		temperature T
		Maximum dim
Temperature		
Ambient temperature range	-40 to +50 °C	Product Data
		Order product

Controls and Dimming

Dimmable

Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Aluminum
Mounting device	Catenary bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	580 mm
Overall width	530 mm
Overall height	86.5 mm
Effective projected area	0.037 m²
Dimensions (Height x Width x	87 x 530 x 580 mm
Depth)	

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/	Luminaire surge protection level until 6 kV differential
Differential)	mode and 6 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

-	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382; 0.380) SDCM < 5
Power consumption tolerance	+/-10%
Init. Color Rendering Index	+/-2
Televence	

Performance (IEC Compliant) 10 % ailure rate at l life 100000 h enance at median L98 0000 h Conditions ambient 25 °C Γq n level 10% ta Order product name BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB Full product name Full product code 871869945021200

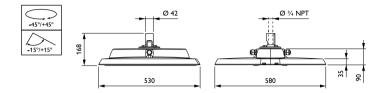
Yes

DigiStreet Catenary

Order code	912300023969
Material Nr. (12NC)	912300023969
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699450212

Numerator - Packs per outer box	1
EAN/UPC - Case	8718699450212

Dimensional drawing





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