



DigiStreet Catenary

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

BTP764 | DigiStreet Catenary, LED64 | 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
Light source engine type	LED
Lighting Technology	LED
Value ladder	Specification
Serviceability class	Class A, luminaire is equipped with serviceable parts
	(when applicable): LED board, driver, control units,

	surge protection device, optics, front cover and
	mechanical parts
Warranty period	5 years
Sustainability rating	-
Light Technical	
Upward light output ratio	0
Luminous Flux	6,400 lm
Correlated Color Temperature	4000 K
(Nom)	

Datasheet, 2024, June 17 data subject to change

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Luminous Efficacy (rated) (Nom)	152 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	-
Optic type outdoor	Distribution symmetrical wide 1
Effective projected area	0.037 m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	0.26 ms
Power Consumption	38 W
Power Factor (Fraction)	0.97
Connection	Screw connector
Cable	-
Number of products on MCB of	31
16 A type B	
Protection class IEC	Safety class I
Surge Protection (Common/	Luminaire surge protection level until 6 kV differential
Differential)	mode and 6 kV common mode
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Maximum dim level	10%
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
Dimensions (Height x Width x	87 x 530 x 580 mm
Depth)	
	IDSS ID
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
	IK09 [10 J]
Ingress protection code	
Ingress protection code Mech. impact protection code	IK09 [10 J]
Ingress protection code Mech. impact protection code Standard tilt angle posttop	IKO9 [10 J]

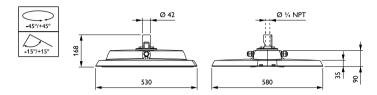
Approval and Application	
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient	25 °C
temperature Tq Remarks	*-Per Lighting Europe guidance paper "Evaluating
Remarks	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
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	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)
	components/sensors to be used in combination as
	well as override possibility of any lineswitch function
	used in a SR based luminaire, is to be released by the
	master component/sensor supplier. For the use of
	NEMA 7pin socket on a Zhaga-D4i / SR based
	luminaire a full system verification is required. Not
	following these advises can/will cause risk of damage
	and non-compliance for which Signify cannot take
	any responsibility. * At extreme ambient temperatures
	the luminaire might automatically dim down to protect components
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Ambient temperature range	-40 to +50 °C
Initial Performance (IEC Cor	mpliant)
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382; 0.380) SDCM < 5
Power consumption tolerance	+/-10%
Init. Color Rendering Index	+/-2
Tolerance	,, 2
Over Time Performance (IEC	Compliant)
Control gear failure rate at	10 %
median useful life 100000 h	
Lumen maintenance at median	L98
useful life* 100000 h	
Product Data	
Order product name	BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB
Full product name	BTP764 LED64-4S/740 DSW1 PSD-SR SRT SRB
. a produce name	5 5 T L L D G T T J T T D D SWITT D D - SIX SIX T SKD

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Full product code	871869945021200
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
Product family code	BTP764 [DigiStreet Catenary]

Dimensional drawing





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