UrbanSky

BSP390 ECO81--3S/830 II DSN-C DGR C5K T2

Urbansky, LED EconomyLine 8100 lm, Power supply unit regulating, Distribution symmetrical narrow crosswise

UrbanSky is the first dedicated catenary luminaire to bring together state-of-the-art LED technology and innovative design. It is a prime example of how high-quality LED light and ground-breaking design can increase safety and comfort, with particular emphasis on optical guidance. Designed together with renowned agency podpoddesign, UrbanSky is a contemporary and future-proof solution that will enhance any city's identity. Its LEDGINE module offers significant energy savings, while its neutral-white light and good color rendering create a relaxed lighting mood and increase safety. Multi-layer optics provide a uniform light distribution with reduced glare, allowing direct replacement of HID solutions without compromising on spacing, mounting height or light quality. And the energy-efficient LEDGINE is delivered ready for tool-less serviceability/upgrades, ensuring savings far into the future.

Product data

General Information

Lamp family code	ECO81 [LED EconomyLine 8100 lm]
Light source replaceable	Yes
Driver included	Yes
Photocell	–
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.

Product family code	BSP390 [Urbansky]
Lighting Technology	LED
Embedded control	–
CE mark	Yes
Flammability mark	–
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	No

Light Technical

Luminous Flux	8,600 lm

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Correlated Color Temperature (Nom)	3000 K	**Protection class IEC**	Safety class II
Luminous Efficacy (rated) (Nom)	108 lm/W		
Color rendering index (CRI)	80	**Initial Performance (IEC Compliant)**	
Number of light sources	48	**Init. Color Rendering Index Tolerance**	+/–2
Light source color	830 warm white		
Optical cover type	Acrylic bowl/cover frosted	**Over Time Performance (IEC Compliant)**	
Optic type outdoor	Distribution symmetrical narrow crosswise	**Control gear failure rate at median useful life 75000 h**	7.5 %

Operating and Electrical		**Lumen maintenance at median useful life* 75000 h**	L80
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	**Application Conditions**	
Power Consumption	80 W	**Performance ambient temperature Tq**	25 ℃
Cable	Cable 5.0 m without plug		

Controls and Dimming		**Product Data**	
Dimmable	No	**Order product name**	BSP390 ECO81––3S/830 II DSN–C DGR C5K T2
Driver/power unit/transformer	Power supply unit regulating	**Full product name**	BSP390 ECO81––3S/830 II DSN–C DGR C5K T2
		Full product code	871829141188800
Mechanical and Housing		**Order code**	910505016742
Housing Material	Aluminum	**Material Nr. (12NC)**	910505016742
Housing Color	Dark gray	**Numerator – Quantity Per Pack**	1
Mounting device	Mounting bracket adjustable	**EAN/UPC – Product/Case**	8718291411888
Parts color	All parts colored	**Numerator – Packs per outer box**	1
		EAN/UPC – Case	8718291411888

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet–proof]
Mech. impact protection code	IK07 [2 J reinforced]

Dimensional drawing

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![PHILIPS logo]