Quebec LED

BRP776 LED30-4S/830 PSR DM50 FR BK D11 5

QUEBEC LED, LED module 3000 lm, 830 warm white, Power supply unit regulating, Safety class I, Distribution medium 50, Flat glass, Black, Philips standard surge protection level

Quebec LED is a stylish luminaire designed to brighten up residential streets and pathways, precincts, parks and other urban spaces. It incorporates the energy efficient LEDGINE-O engine with high-performance optics, while at the same time retaining the character of the original Quebec fixture. It also offers a choice of bowl versions and mounting options. All these factors together make Quebec LED a versatile solution that can meet the needs of any project.

Product data

General Information

Lamp family code	LED30 [LED module 3000 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. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED

Product family code	BRP776 [QUEBEC LED]
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0.03
Luminous Flux	2,520 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	107 lm/W

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Color rendering index (CRI)	>80		Overall diameter	472 mm
Light source color	830 warm white		Effective projected area	0.094 m²
Optical cover type	Flat glass			
Luminaire light beam spread	30° – 5° x 153°		**Approval and Application**	
Optic type outdoor	Distribution medium 50		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
			Mech. impact protection code	IK08 [5 J vandal-protected]
Operating and Electrical			Surge Protection (Common/Differential)	Philips standard surge protection level
Input Voltage	220 to 240 V		Protection class IEC	Safety class I
Line Frequency	50 to 60 Hz			
Inrush current	21 A		**Initial Performance (IEC Compliant)**	
Inrush time	0.225 ms		Luminous flux tolerance	+/-7%
Power Consumption	23.5 W		Initial chromaticity	(0.410, 0.390) SDCM <5
Power Factor (Fraction)	0.97		Power consumption tolerance	+/-10%
Connection	Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation		Init. Color Rendering Index Tolerance	+/-2
			Over Time Performance (IEC Compliant)	
Cable	–		Driver failure rate at 5000 h	0.5 %
Number of products on MCB of 16 A type B	26		Control gear failure rate at median useful life 100000 h	10 %
			Lumen maintenance at median useful life* 100000 h	L97
Temperature				
Ambient temperature range	–40 to +50 °C		**Application Conditions**	
			Performance ambient temperature Tq	25 ℃
Controls and Dimming			Maximum dim level	25%
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit regulating		**Product Data**	
Control interface	Analog		Order product name	BRP776 LED30-4S/830 PSR DM50 FR BK D115
Constant light output	No			
			Full product name	BRP776 LED30-4S/830 PSR DM50 FR BK D115
Mechanical and Housing				
Housing Material	Aluminum		Full product code	871869908988700
Reflector material	–		Order code	912300023478
Optic material	Polymethyl methacrylate		Material Nr. (12NC)	912300023478
Optical cover material	Glass		Numerator – Quantity Per Pack	1
Fixation material	Aluminum		EAN/UPC – Product/Case	8718699089887
Housing Color	Black		Numerator – Packs per outer box	1
Mounting device	–		EAN/UPC – Case	8718699089887
Optical cover shape	Flat			
Optical cover finish	Frosted			
Overall height	388 mm			

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Dimensional drawing

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2023, December 6 – data subject to change