



# 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 an energy-efficient LED 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]	Product family code	BRP776 [QUEBEC LED]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Value
Driver included	Yes	CE mark	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	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
Light source engine type	LED	Luminous Efficacy (rated) (Nom)	107 lm/W

## Quebec LED

Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	30° - 5° x 153°
Optic type outdoor	Distribution medium 50

### Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	23.5 W
Power Factor (Fraction)	0.97
Connection	Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation
Cable	-
Number of products on MCB of 16 A type B	26

### Temperature

Ambient temperature range	-40 to +50 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No

### Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	-
Optical cover shape	Flat
Optical cover finish	Frosted
Overall height	388 mm

Overall diameter	472 mm
Effective projected area	0.094 m²

### Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.410, 0.390) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

### Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	25%

### Product Data

Order product name	BRP776 LED30-45/830 PSR DM50 FR BK D11 5
Full product name	BRP776 LED30-45/830 PSR DM50 FR BK D11 5
Full product code	871869908988700
Order code	08988700
Material Nr. (12NC)	912300023478
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089887
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089887

Dimensional drawing

