



# Quebec LED

## BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF

QUEBEC LED, LED module 2200 lm, 830 warm white, Power supply unit with DynaDimmer, Safety class I, Distribution extra wide 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	LED22 [LED module 2200 lm]	Light source engine type	LED
Light source replaceable	Yes	Product family code	BRP776 [QUEBEC LED]
Number of gear units	1 unit	Lighting Technology	LED
Driver included	Yes	Value ladder	Value
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	CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark
		EU RoHS compliant	Yes
		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

Light Technical	
Upward light output ratio	0.03
Luminous Flux	1,848 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	17° - 5° x 132°
Optic type outdoor	Distribution extra wide 50
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.295 ms
Power Consumption	18.2 W
Power Factor (Fraction)	0.99
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	29
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
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	Silkscreen print gray
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
Sustainability rating	-
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
Product Data	
Order product name	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF
Full product name	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF
Full product code	871869908989400
Order code	912300023479
Material Nr. (12NC)	912300023479
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089894
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089894

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### Dimensional drawing

