



# Quebec LED

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

QUEBEC LED - LED module 2200 lm - 4th generation, screw fixation - 830 warm white - Power supply unit with DynaDimmer - Safety class I (I) - Distribution extra wide 50 - Flat glass - Black - Philips standard surge protection level kV - - - 25 °C - -

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		Protection class IEC	Safety class I (I)
Lamp family code	LED22 [ LED module 2200 lm]	Flammability mark	NO [ -]
Lamp version	4S [ 4th generation, screw fixation]	CE mark	CE mark
Light source colour	830 warm white	ENEC mark	ENEC mark
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Outdoor optic type	Distribution extra wide 50
Driver/power unit/transformer	PSDD [ Power supply unit with DynaDimmer]	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
Driver included	Yes		
Optical cover/lens type	FG [ Flat glass]		
Luminaire light beam spread	17° - 5° x 132°		
Connection	W [ Plug-in connector 3-pole Wieland/Adels compatible]		
Cable	-		

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	temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB	29
EU RoHS compliant	Yes
LED engine type	LED
Product Family Code	BRP776 [ QUEBEC LED]

## Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	-
Standard tilt angle side entry	0°

## Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	15 A
Inrush time	0.295 ms
Power factor (min.)	0.99
Power factor (nom.)	0.92

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	No [ - ]
Optical cover/lens shape	Flat
Optical cover/lens finish	Silkscreen print gray
Overall height	388 mm
Overall diameter	472 mm
Effective projected area	0.094 m <sup>2</sup>
Colour	Black
Dimensions (height x width x depth)	388 x NaN x NaN mm (15.3 x NaN x NaN in)

## 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 kV

## Initial Performance (IEC Compliant)

Initial luminous flux	1848 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	102 lm/W
Init. Corr. Colour Temperature	3000 K
Init. colour rendering index	>80
Initial chromaticity	(0.410, 0.390) SDCM <5
Initial input power	18.3 W
Power consumption tolerance	+/-11%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	94

## Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

## Product Data

Full product code	871869908989400
Order product name	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF
EAN/UPC – product	8718699089894
Order code	08989400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023479
Net weight (piece)	6.175 kg



