



# Quebec LED

## BRP776 LED39-4S/740 PSU II DS50 O WH S

QUEBEC LED, LED module 3900 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, Distribution symmetrical 50, Polymethyl methacrylate bowl/cover, White, 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	LED39 [LED module 3900 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
Light Technical			
		Upward light output ratio	0.03
		Luminous Flux	3,276 lm
		Standard tilt angle posttop	-
		Standard tilt angle side entry	0°

## Quebec LED

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	137 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 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	24 W
Power Factor (Fraction)	0.97
Connection	Plug-in connector 3-pole Wieland/Adels compatible
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	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

### Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	White
Mounting device	-
Optical cover shape	Hemispherical
Optical cover finish	Opal

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 II

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) 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
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### Product Data

Order product name	BRP776 LED39-4S/740 PSU II DS50 O WH S
Full product name	BRP776 LED39-4S/740 PSU II DS50 O WH S
Full product code	871869908987000
Order code	08987000
Material Nr. (12NC)	912300023477
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089870
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089870

## Dimensional drawing

