



# Quebec LED

## BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2

QUEBEC LED, LED module 3900 lm, 830 warm white, Power supply unit with DynaDimmer, Safety class I, Distribution wide 50, Flat glass, White, DynaDimmer with fixed presets version 27, Philips standard surge protection level, Spigot for diameter 60 mm

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]		might automatically dim down to protect components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BRP775 [QUEBEC LED]
Driver included	Yes	Lighting Technology	LED
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	Value ladder	Value
		Embedded control	DynaDimmer with fixed presets version 27
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark
		EU RoHS compliant	Yes

# Quebec LED

## Light Technical

Upward light output ratio	0.03
Luminous Flux	3,198 lm
Standard tilt angle posttop	5°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	23° - 8° x 152°
Optic type outdoor	Distribution wide 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	31 W
Power Factor (Fraction)	0.98
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
---------------------------	---------------

## 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	White
Mounting device	Spigot for diameter 60 mm

Optical cover shape	Flat
Optical cover finish	Frosted
Overall height	388 mm
Overall diameter	478 mm
Effective projected area	0.1 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
------------------------------------	-------

## Product Data

Order product name	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2
Full product name	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2
Full product code	871869908985600
Order code	08985600
Material Nr. (12NC)	912300023475
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089856
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089856

# Quebec LED

## Dimensional drawing

