



Quebec LED

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

QUEBEC LED - LED module 3900 lm - 4th generation, screw fixation - 830 warm white - Power supply unit with DynaDimmer - Safety class I (I) - Distribution wide 50 - Flat glass - White - DynaDimmer with fixed presets version 27 - Dimming via DynaDimmer integrated in ballast or driver - Philips standard surge protection level kV - - - 25 °C - 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		Embedded control	DDF27 [DynaDimmer with fixed presets version 27]
Lamp family code	LED39 [LED module 3900 lm]	Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Lamp version	4S [4th generation, screw fixation]	Connection	W [Plug-in connector 3-pole Wieland/Adels compatible]
Light source colour	830 warm white	Cable	-
Light source replaceable	Yes	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Flammability mark	NO [-]
Driver/power unit/transformer	PSDD [Power supply unit with DynaDimmer]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optical cover/lens type	FG [Flat glass]		
Luminaire light beam spread	23° - 8° x 152°		

Quebec LED

Warranty period	5 years
Outdoor optic type	Distribution wide 50
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
Constant light output	No
Number of products on MCB	20
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BRP775 [QUEBEC LED]

Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	5°
Standard tilt angle side entry	-

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power factor (min.)	0.98
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	Aluminum
Mounting device	60 [Spigot for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Frosted
Overall height	388 mm

Overall diameter	478 mm
Effective projected area	0.1 m ²
Colour	White

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	3198 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	105 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	>80
Initial chromaticity	(0.410, 0.390) SDCM <5
Initial input power	30.5 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	92

Application Conditions

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

Product Data

Full product code	871869908985600
Order product name	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2
EAN/UPC – product	8718699089856
Order code	08985600
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023475
Net weight (piece)	6.175 kg

