



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	
Lamp family code	LED39 [LED module 3900 lm]
Lamp version	4S [4th generation, screw fixation]
Light source colour	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSDD [Power supply unit with DynaDimmer]
Driver included	Yes
Optical cover/lens type	FG [Flat glass]
Luminaire light beam spread	23° - 8° x 152°

Embedded control	DDF27 [DynaDimmer with fixed presets version 27]
Light regulation	Dimming via DynaDimmer integrated in ballast or driver
Connection	W [Plug-in connector 3-pole Wieland/Adels compatible]
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark

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Warranty period	5 years
Optic type outdoor	Distribution wide 50
Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the 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 (16 A type B)	20
EU RoHS compliant	Yes
LED engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
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	Aluminium
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
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	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 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	92

Application Conditions

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

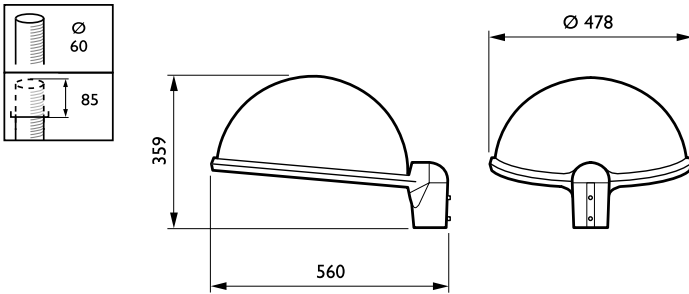
Product Data

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



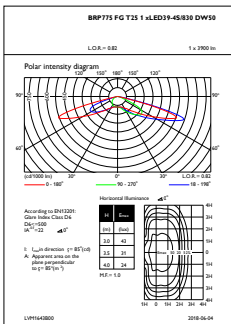
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Dimensional drawing

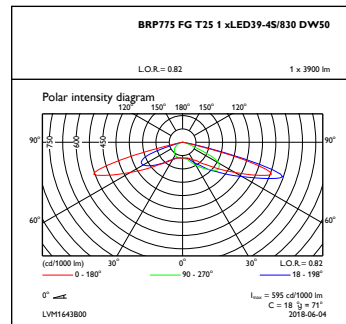


Quebec LED BRP775/776

Photometric data



OFPL1_BRP775FGT251xLED39-4S830DW50



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