



# Quebec LED

## BRP775 LED16-4S/740 PSD DW50 PGR BK D9

QUEBEC LED - LED module 1600 lm - 4th generation, screw fixation - 740 neutral white - Power supply unit with DALI interface - Safety class I (I) - Distribution wide 50 - Flat glass - Black - Dimming via external communication DALI - 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		Connection	
Lamp family code	LED16 [ LED module 1600 lm]	Connection	Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation
Lamp version	4S [ 4th generation, screw fixation]	Cable	-
Light source colour	740 neutral white	Protection class IEC	Safety class I (I)
Light source replaceable	Yes	Flammability mark	NO [ -]
Number of gear units	1 unit	CE mark	Yes
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [ Flat glass]	Optic type outdoor	Distribution wide 50
Luminaire light beam spread	23° - 8° x 152°	Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based
Control interface	DALI		
Light regulation	Dimming via external communication DALI		

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	luminaire – 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)	29
EU RoHS compliant	Yes
Light source 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	15 A
Inrush time	0.295 ms
Power factor (min.)	0.97
Power factor (nom.)	0.92

## Controls and dimming

Dimmable	Yes
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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	Silkscreen print gray
Overall height	388 mm
Overall diameter	478 mm
Effective projected area	0.1 m <sup>2</sup>

Colour	Black
Dimensions (height x width x depth)	388 x NaN x NaN mm

## 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
Sustainability rating	-

## Initial performance (IEC compliant)

Initial luminous flux (system flux)	1328 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	128 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	10.4 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

## Over time performance (IEC compliant)

Driver failure rate at 5,000 hours	0.5 %
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L98

## Application conditions

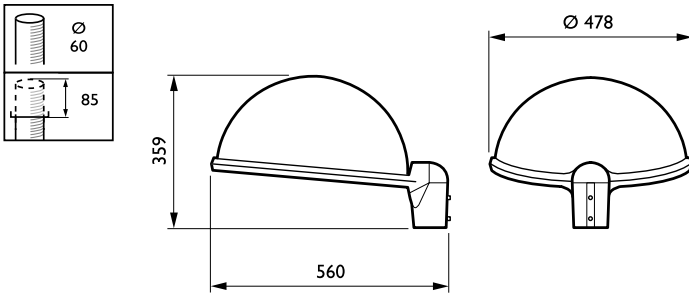
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	25%

## Product data

Full product code	871869908990000
Order product name	BRP775 LED16-4S/740 PSD DW50 PGR BK D9
EAN/UPC – product	8718699089900
Order code	08990000
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912300023480
Net Weight (Piece)	6.175 kg

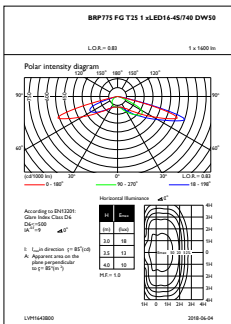


Dimensional drawing

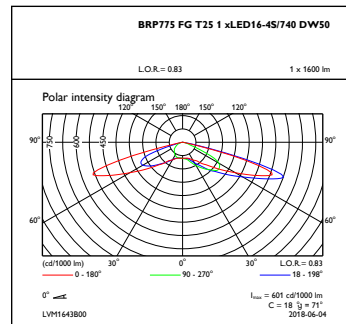


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Photometric data



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