



Quebec LED

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

BRP775 | QUEBEC LED - LED16 | LED module 1600 lm - 4S | 4th generation, screw fixation - 740 neutral white - Power supply unit with DALI interface - Safety class I - Distribution wide 50 - Flat glass - Dimming via external communication DALI - Philips standard surge protection level - - - 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	LED16 [LED module 1600 lm]		temperatures the luminaire might automatically dim down to protect components
Light source replaceable	Yes		
Number of gear units	1 unit	Light source engine type	LED
Driver included	Yes	Product family code	BRP775 [QUEBEC 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	Lighting Technology	LED
		Value ladder	Value
		Light Technical	
		Upward light output ratio	0.03
		Luminous Flux	1,328 lumen
		Standard tilt angle posttop	5°

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Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover/lens 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
Input Frequency	50 to 60 Hz
Power Consumption	10.4 W
Inrush current	15 A
Inrush time	0.295 ms
Power Factor (Fraction)	0.97
Connection	Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation
Cable	-
Number of products on MCB of 16 A type B	29

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	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 ²

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
Sustainability rating	-
Protection class IEC	Safety class I
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	Yes

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	L98

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	25%

Product Data

Full product code	871869908990000
Order product name	BRP775 LED16-4S/740 PSD DW50 PGR BK D9
Order code	08990000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	912300023480
Full product name	BRP775 LED16-4S/740 PSD DW50 PGR BK D9
EAN/UPC - Case	8718699089900



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Dimensional drawing

