



Quebec LED

BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S

QUEBEC LED - LED module 4900 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 - - - Side arm lateral

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	LED49 [LED module 4900 lm]		Plug-in connector 3-pole Wieland/Adels compatible and 2x 2-pole control signal for light regulation
Lamp version	4S [4th generation, screw fixation]		
Light source colour	740 neutral 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	PSD [Power supply unit with DALI interface]	CE mark	CE mark
Driver included	Yes	ENEC mark	ENEC mark
Optical cover/lens type	FG [Flat glass]	Warranty period	5 years
Luminaire light beam spread	23° - 8° x 152°	Outdoor optic type	Distribution wide 50
Control interface	DALI	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based
Light regulation	Dimming via external communication DALI		

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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
EU RoHS compliant	Yes
LED engine type	LED
Product Family Code	BRP776 [QUEBEC LED]

Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	-
Standard tilt angle side entry	0°

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	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	No [-]
Optical cover/lens shape	Flat
Optical cover/lens finish	Silkscreen print gray
Fixation type	Side arm lateral
Overall height	388 mm
Overall diameter	472 mm
Effective projected area	0.094 m ²

Colour	Black
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	4018 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	130 lm/W
Init. Corr. Colour Temperature	4000 K
Init. colour rendering index	>70
Initial chromaticity	(0.381, 0.379) SDCM <5
Initial input power	31 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

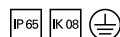
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	92

Application Conditions

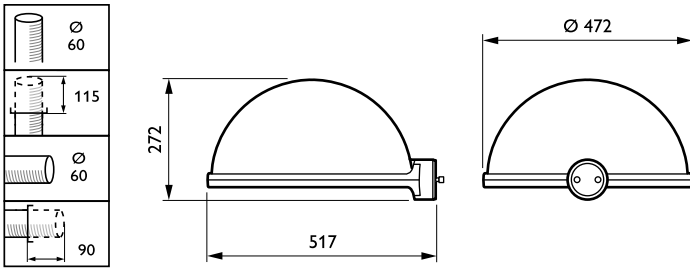
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	25%

Product Data

Full product code	871869908993100
Order product name	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S
EAN/UPC – product	8718699089931
Order code	08993100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023483
Net weight (piece)	6.175 kg

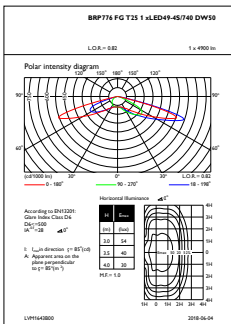


Dimensional drawing

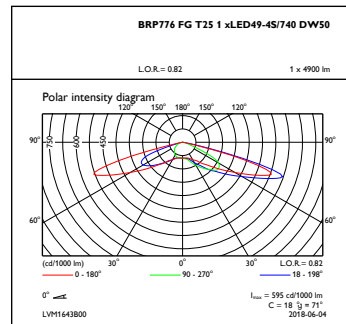


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Photometric data



OFPL1_BRP776FGT251xLED49-4S740DW50



OFPC1_BRP776FGT251xLED49-4S740DW50

