Quebec LED

BRP775 LED59-4S/740 PSU II DS50 O BK

QUEBEC LED, LED module 5900 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, Distribution symmetrical 50, Polymethyl methacrylate bowl/cover, Black, Philips standard surge protection level, 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	LED59 [LED module 5900 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
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

Light source engine type	LED
Product family code	BRP775 [QUEBEC LED]
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	0.03
Luminous Flux	5,040 lm
Standard tilt angle posttop	5°
Standard tilt angle side entry	-

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142 lm/W
Color rendering index (CRI)	>70
Number of light sources	30
Light source color	740 neutral white
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	0.26 ms
Power Consumption	35.5 W
Power Factor (Fraction)	0.97
Connection	Plug-in connector 3-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	Black
Mounting device	Spigot for diameter 60 mm
Optical cover shape	Hemispherical
Optical cover finish	Opal
Overall height	388 mm
Overall diameter	478 mm
Effective projected area	0.1 m²

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
Protection class IEC	Safety class II

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	L97

Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BRP775 LED59-4S/740 PSU II DS50 O BK
Full product name	BRP775 LED59-4S/740 PSU II DS50 O BK
Full product code	871869908984900
Order code	08984900
Material Nr. (12NC)	912300023474
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089849
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089849

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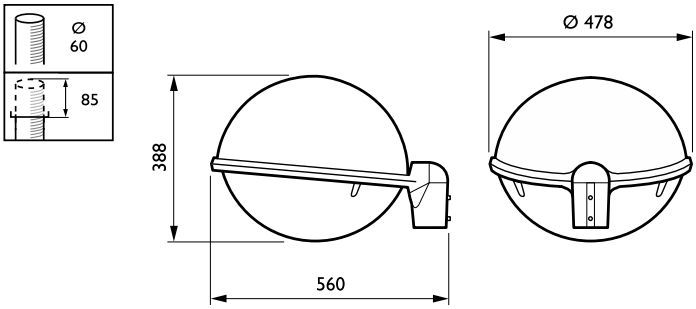
Dimensional drawing



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