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 the energy efficient LEDGINE-O 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		Optical cover finish	Opal
Luminous Efficacy (rated) (Nom)	142 lm/W		Overall height	388 mm
Color rendering index (CRI)	>70		Overall diameter	478 mm
Number of light sources	30		Effective projected area	0.1 m²
Light source color	740 neutral white			
Optical cover type	Polymethyl methacrylate bowl/cover		**Approval and Application**	
Luminaire light beam spread	152° x 155°		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optic type outdoor	Distribution symmetrical 50		Mech. impact protection code	IK08 [5 J vandal-protected]
			Surge Protection (Common/Differential)	Philips standard surge protection level
Operating and Electrical			Protection class IEC	Safety class II
Input Voltage	220 to 240 V			
Line Frequency	50 to 60 Hz		**Initial Performance (IEC Compliant)**	
Inrush current	43 A		Luminous flux tolerance	+/-7%
Inrush time	0.26 ms		Initial chromaticity	(0.381, 0.379) SDCM <5
Power Consumption	35.5 W		Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.97		Init. Color Rendering Index Tolerance	+/-2
Connection	Plug-in connector 3-pole Wieland/Adels compatible			
			Over Time Performance (IEC Compliant)	
Cable	–		Driver failure rate at 5000 h	0.5 %
Number of products on MCB of 16 A type B	10		Control gear failure rate at median useful life 100000 h	10 %
			Lumen maintenance at median useful life* 100000 h	L97
Temperature				
Ambient temperature range	–40 to +50 °C			
			Application Conditions	
			Performance ambient temperature Tq	25 °C
Controls and Dimming				
Dimmable	No			
Driver/power unit/transformer	Power supply unit (On/Off)		**Product Data**	
Constant light output	No		Order product name	BRP775 LED59-4S/740 PSU II DS50 O BK
			Full product name	BRP775 LED59-4S/740 PSU II DS50 O BK
Mechanical and Housing			Full product code	871869908984900
Housing Material	Aluminum		Order code	912300023474
Reflector material	–		Material Nr. (12NC)	912300023474
Optic material	Polymethyl methacrylate		Numerator – Quantity Per Pack	1
Optical cover material	Polymethyl methacrylate		EAN/UPC – Product/Case	8718699089849
Fixation material	Aluminum		Numerator – Packs per outer box	1
Housing Color	Black		EAN/UPC – Case	8718699089849
Mounting device	Spigot for diameter 60 mm			
Optical cover shape	Hemispherical			

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Dimensional drawing

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2023, December 6 – data subject to change