PHILIPS Lighting



Quebec LED

BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2

QUEBEC LED, LED module 3900 lm, 830 warm white, Power supply unit with DynaDimmer, Safety class I, Distribution wide 50, Flat glass, White, DynaDimmer with fixed presets version 27, 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	LED39 [LED module 3900 lm]	
Light source replaceable	Yes	Light source engine type
Number of gear units	1 unit	Product family code
Driver included	Yes	Lighting Technology
Remarks	*-Per Lighting Europe guidance paper	Value ladder
	"Evaluating performance of LED based	Embedded control
	luminaires - January 2018": statistically there	CE mark
	is no relevant difference in lumen	Warranty period
	maintenance between B50 and for example	Flammability mark
	B10. Therefore, the median useful life (B50)	ENEC mark
	value also represents the B10 value. * At	EU RoHS compliant
	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
Embedded control	DynaDimmer with fixed presets version 27
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

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Light Technical	
Upward light output ratio	0.03
Luminous Flux	3,198 lm
Standard tilt angle posttop	5°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	23° - 8° x 152°
Optic type outdoor	Distribution wide 50

Optical cover shape	Flat
Optical cover finish	Frosted
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
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.410, 0.390) 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	10 %
useful life 100000 h	
Lumen maintenance at median useful	L97
life* 100000 h	

25 °C

Application Conditions

Performance ambient temperature Tq

Product Data	
Order product name	BRP775 LED39-4S/830 PSDD DW50 FR WH
	DDF2
Full product name	BRP775 LED39-4S/830 PSDD DW50 FR WH
	DDF2
Full product code	871869908985600
Order code	912300023475
Material Nr. (12NC)	912300023475
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089856
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089856

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Consumption	31 W
Power Factor (Fraction)	0.98
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A	26
type B	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum

White

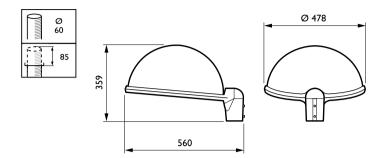
Spigot for diameter 60 mm

Housing Color

Mounting device

Quebec LED

Dimensional drawing





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