



Quebec LED – setting the standard in outdoor lighting

Quebec LED

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.

Benefits

- Timeless, stylish design
- Tool-less maintenance
- LED engine, also for retrofit

Features

- LED luminaire offering a high level of energy efficiency and an extensive range of dimming options
- Wide range of high-performance optics for either road or area lighting distributions
- Installation flexibility: post-top, side-entry, double post-top, or wall mounting
- Choice of clear or frosted flat glass or opalized polycarbonate bowl

Application

- Residential streets, pathways, precincts, parks and playgrounds, parking areas
- City centers: side streets, walkways, squares and parks, public transport, parking areas
- Private sites, e.g. theme parks and zoos

Specifications

Quebec LED

Type	BRP775 (dedicated post-top version)
	BRP776 (universal mounting version)
Light source	Integral LED-module
Power	13 to 79 W depending on configuration
Luminous flux	Neutral white
	- GreenLine: 1600, 2400, 3300, 4000, 4800, 5300 lm
	- EconomyLine: 2200, 2900, 3300, 4300, 5400, 5700, 6500, 7100, 8400 lm
	Warm white
	- GreenLine: 1400, 2100, 2800, 3500, 4200, 4700 lm
- EconomyLine: 2000, 2500, 2900, 3800, 5000, 5700, 6100 or 7300 lm	
Luminaire efficacy	79-92 lm/W (3000 K version)
	92-105 lm/W (4000 K version)
Correlated Color	3000 K (warm white)
Temperature	4000 K (neutral white)

Color Rendering Index	≥ 70
Maintenance of lumen output - L80F10	GreenLine: 90,000 hours at 25 °C EconomyLine: 60,000 hours at 25 °C
Operating temperature range	-20 to +40 °C
Driver	Integrated
Mains voltage	220-240 V / 50-60 Hz
Inrush current	65 A for 100 ms for 40 W driver
	80 A for 150 ms for 75/100 W driver
Dimming	SDU
	DynaDimmer
	Controls system input
	1-10 V or DALI

Specifications

Options	Mini photocell
Optic	Distribution road or area (micro lenses) or symmetrical (DS)
Optical cover	Polycarbonate bowl/cover, opal (PCO)
	Glass, frosted (GF)
	Screen printed flat glass, clear
Material	Housing: spun aluminum dome, high pressure die-cast aluminum frame
	Cover: thermally toughed flat glass or injection moulded opalized PC bowl
Color	White (RAL9016) or textured black Other RAL or Akzo Futura colors available on request
Connection	SI-PS, plug and socket connector
Maintenance	Toolless from below
Installation	Post-top or side entry mounting: Ø 60 mm
	BRP775 for dedicated Ø 60 mm post top use
	BRP776 requires complementary separate Ø 60mm mounting bracket; post top, two sided (twin) post top, side entry or wall bracket mounting
	Operating temperature: - 20 °C < Ta < 40 °C
	Recommended mounting height: 4-6 m
	Standard tilt angle post top or wall mounting: 5°
	Max SCx: - Flat glass: 0.094 m² - Bowl: 0.120 m²

Cable gland	M20
Accessories	Dedicated fixation accessories available for mounting BRP776:
	- ZRP776; T; single post top mounting bracket Ø 60 mm
	- ZRP776; T2; double post top mounting bracket Ø 60 mm
	- ZRP776; S; side entry mounting bracket Ø 6 mm
	- ZRP776; W; wall mounting bracket
Quebec LED replacement unit:	
- ARP775 (dedicated post-top version)	
- ARP776 (universal mounting version)	
Remarks	Seven different light-distribution lenses available for either road or area applications (OFR1 to OFRR7 for Road and ORR1 to ORR7 for Area) and a DS Round symmetric version

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Versions



Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Philips standard surge protection level kV

General Information

CE mark	CE mark
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Lamp version	4S
Number of gear units	1 unit

Light Technical

Upward light output ratio	0.03
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Application Conditions

Order Code	Full Product Name	Maximum dim level
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	-
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	-
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	-
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	25%
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	25%
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	-
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 S	25%
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	-
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	25%
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	25%

Controls and Dimming

Order Code	Full Product Name	Dimmable
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	No
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	No
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	No
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	Yes
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	Yes

Order Code	Full Product Name	Dimmable
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	No
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 S	Yes
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	No
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	Yes
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	Yes

General Information (1/2)

Quebec LED

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical	Lamp family code
				cover/ lens type	
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	152° x 155°	740 neutral white	PM	LED59
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	23° - 8° x 152°	830 warm white	FG	LED39
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	26° - 7° x 157°	740 neutral white	FG	LED30
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	23° - 8° x 152°	740 neutral white	FG	LED16
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	23° - 8° x 152°	740 neutral white	FG	LED49
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	152° x 155°	740 neutral white	PM	LED39

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical	Lamp family code
				cover/ lens type	
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 5	30° - 5° x 153°	830 warm white	FG	LED30
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	17° - 5° x 132°	830 warm white	FG	LED22
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	23° - 8° x 152°	740 neutral white	FG	LED16
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	23° - 8° x 152°	740 neutral white	FG	LED49

General Information (2/2)

Order Code	Full Product Name	Number of light sources	Optic type	Product
				Family Code
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	30	Distribution symmetrical 50	BRP775
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	-	Distribution wide 50	BRP775
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	-	Distribution narrow 10	BRP775
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	-	Distribution wide 50	BRP775
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	-	Distribution wide 50	BRP775

Order Code	Full Product Name	Number of light sources	Optic type	Product
				Family Code
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	-	Distribution symmetrical 50	BRP776
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 5	-	Distribution medium 50	BRP776
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	-	Distribution extra wide 50	BRP776
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	-	Distribution wide 50	BRP776
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	-	Distribution wide 50	BRP776

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	Initial
			Rendering Index	luminous flux
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	4000 K	>70	5040 lm
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	3000 K	>80	3198 lm
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	4000 K	>70	2610 lm
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	4000 K	>70	1328 lm
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	4000 K	>70	4018 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	Initial
			Rendering Index	luminous flux
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	4000 K	>70	3276 lm
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 5	3000 K	>80	2520 lm
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	3000 K	>80	1848 lm
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	4000 K	>70	1328 lm

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Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	4000 K	>70	4018 lm

Light Technical

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	-	5°
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	-	5°
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	-	5°
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	-	5°
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	-	5°
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	0°	-

Order Code	Full Product Name	Standard tilt angle side entry	Standard tilt angle posttop
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 5	0°	-
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	0°	-
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	0°	-
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	0°	-

Mechanical and Housing

Order Code	Full Product Name	Colour
08984900	BRP775 LED59-4S/740 PSU II DS50 O BK	Black
08985600	BRP775 LED39-4S/830 PSDD DW50 FR WH DDF2	White
08986300	BRP775 LED30-4S/740 PSDD DN10 PGR BK DDF	Black
08990000	BRP775 LED16-4S/740 PSD DW50 PGR BK D9	Black
08991700	BRP775 LED49-4S/740 PSD DW50 PGR BK D9	Black

Order Code	Full Product Name	Colour
08987000	BRP776 LED39-4S/740 PSU II DS50 O WH S	White
08988700	BRP776 LED30-4S/830 PSR DM50 FR BK D11 5	Black
08989400	BRP776 LED22-4S/830 PSDD DX50 PGR BK DDF	Black
08992400	BRP776 LED16-4S/740 PSD DW50 PGR BK D9 S	Black
08993100	BRP776 LED49-4S/740 PSD DW50 PGR BK D9 S	Black

