

The Quebec Series

Available in LED

Bieber Illumination Group



Quebec with opal acrylic lens, shown on arm AT07.

LED information:

EncapLED, an IP66-rated and DLC listed LED module, combines optics and heat sink into one configurable unit which give precise light distribution. It allows us to do 10w., 30w. & 40w. increment adjustment on light output. The module has 115lm/W efficacy with LUXEON LUMILEDS TX CHIPS. Beside maximizing heat dissipation surface, we also utilize convection-based heat management which creates additional air flow around each chip. Unlike a big metal heat sink, where the temperature for the chips in the middle is higher than the rest, the heat of each EncapLED chip gets dissipated evenly. A better heat dissipation design keeps the junction temperature low and ultimately prolongs the life of the LED chips. Our modules are available in any of our fixtures designs, as well as in a simple retro-fit kit form for existing fixtures.

UL & CSA LISTED FOR WET LOCATIONS.

FACTORY TESTED BEFORE SHIPMENT.

HOUSING – All aluminum construction. The reflector is heavy-duty spun aluminum and features a rolled edge. Hardware is stainless steel throughout.

OPTICS – Available with horizontal lamp in Types I, II, III, Front Throw and V. Available with vertical lamp in Types III, Front Throw and V.

LENS – The standard lens for the Quebec up to 175W is impact-resistant convex opal acrylic. The available convex tempered glass lens is standard for 250 watts and is optional for lower wattages. Other lenses are available; please consult factory.

ELECTRICAL COMPONENTS – All ballasts are CWA/HPF regulating auto-transformers, available in MH and HPS. Starting temperature for MH is -20°F, and HPS starts at -40°F. Sources 50W or less are available only at 120V or 277V. Maximum wattage is 250W.

SOCKET – Glazed porcelain, mogul or medium base, rated to 600V, with nickel-plated contacts.

YOKE MOUNT – The Quebec is offered in yoke-mount style for post-top. Two heavy-duty support shafts are welded to the reflector and to the slip fitter. Please see the Mounting Arrangements table.

ARM – All aluminum construction. See pages 30-31.

POLES AND BASES – Bieber can supply square or round poles in straight or tapered styles. See pages 32-33.

PHOTOMETRICS – See page 34, Fig. 10.

FINISH – Thermoset polyester oven-baked powder coat, in any standard Bieber Lighting color. The inside of the luminaire is available finished in reflective white; please see the Options table. Custom colors are available to your specifications; consult factory.

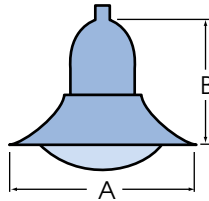
The Quebec Series

	1	2	3	4	5	6	7	8	9	10
FIXTURE	SIZE	SOURCE	VOLTS	LAMP	LENS	OPTICS	MOUNT	ARM	COLOR	OPTIONS
QBC	10	N2	4	L	2	3V	A	AT07	VP	MT, PC

Create a catalog number from the tables below. Example number: QBC – 10 – N2 – 4 – L – 2 – 3V – A – AT07 – VP – MT, PC

1 SIZE

	Size = 10
A	23" diameter
B	18"
Max Watts	175W (acrylic lens) 250W (glass lens)



2 LIGHT SOURCE

	HPS	MH
35W	B1*	B2*
50W	C1*	C2*
70W	E1	E2
100W	H1	H2
150W	J1	J2
175W	•	K2
250W	N1	N2

*see note in Voltage table

Pulse start also available; consult factory.

3 VOLTAGE

120V = 2 240V = 4 } Also available in Multi-Tap:
208V = 0 277V = 7 } see Options table

347V = 3 } Not available in Multi-Tap
480V = 8 }

NOTE:

35W AND 50W SOURCES IN 120V OR 277V ONLY.

4 LAMP

L = with lamp
N = no lamp

L/MS = with Super
Metal Halide lamp

5 LENS

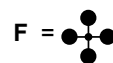
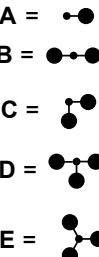
1 = opal acrylic lens (up to 175 watts)

2 = glass convex lens (standard for
250W, optional for lower wattages)

3 = other; please consult factory

6 OPTICS

1H = Type I with horizontal lamp
2H = Type II with horizontal lamp
3H = Type III with horizontal lamp
4H = Type FT with horizontal lamp
5H = Type V with horizontal lamp
3V = Type III with vertical lamp
4V = Type FT with vertical lamp
5V = Type V with vertical lamp



G = wall mount

PY = post-top yoke mount

H = other; consult factory

8 ARM

Please see
Architectural Arms
on pages
30 and 31.

Specify **PY** for
post-top
yoke mount.

9 COLOR

BK = Black **GY** = Gray
GR = Green **BU** = Blue
WH = White **VP** = Verde Patina
DB = Dark Bronze **CC** = Custom Color
SL = Silver

10 OPTIONS

SF = single in-line fuse
DF = double in-line fuse
MT = multi-tap transformer
WR = underside of reflector shade
is white powder coat

PC = photo cell
QR = quartz restrike
PM = pendant mount
FV = international ballast;
specify cycles & voltage.

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* For more detailed information on mounting arrangements, and for wall mount, please see Pole/Arm section of catalog. For pole ordering information, please see Pole/Arm Section of catalog. If poles are not ordered along with fixtures, please specify mounting requirements when ordering fixtures. This document contains proprietary information of the Bieber Illumination Group and is trans-mitted in confidence. Any reproduction, disclosure or use of this document is expressly prohibited except as Bieber Illumination Group may agree in writing. Because of ongoing product refine-ment, Bieber Illumination Group reserves the right to change specifications without notice. For customized requirements, please consult factory.

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