

application

- IC rated downlight for long-life, energy efficient compact fluorescent lamps. Provides broad, uniform light distribution with excellent color rendition. Ideal for areas that require long hours of continuous operation.

features

- AirSeal™ housing.
- Patent-pending movable junction box snaps into either right or left of downlight housing frame to provide maximum installation flexibility.
- Socket snaps into trim for consistent lamp position..
- Insulated ceiling and non-Insulated ceiling applications.
- Specular reflectors for excellent light output.
- Grooved baffle reduces glare at aperture.
- Injection-molded plaster frame.
- cUL listed for damp locations and through branch circuit wiring.
- California Title 24 compliant.

construction

- Housing: Constructed of .032 aluminum. Adjusts vertically in plaster frame to accommodate ceilings 1/2" to 1-1/2" thick. Housing can be pulled through plaster frame for access to junction box. Ceiling opening of 6-11/16". Dome is constructed of heavy-duty steel.
- Ballast: **NE1** 120V electronic normal power factor ballasts operates four pin GX24q compact fluorescent lamps over 45khz. Ballast meets FCC Part 18 on consumer limits on EMI/RFI. Minimum starting temperature of 0 degrees Fahrenheit. Ballast features auto shutdown at end of lamp life. **NE1** electronic normal power factor ballast is designed to operate compact fluorescent lamps to ANSI Standard IEC C-78-901-2005. **DA1** 120V electronic normal power factor powerline dimming ballast. Continuous dimming down to 15 percent. Minimum starting temp of 50 degrees Fahrenheit. Ballast meets FCC Part 18 on consumer limits to EMI/RFI. Ballast is designed to operate compact fluorescent lamps to ANSI standard IEC C-78-901-2005. Universal voltage (**U**) is 120V through 277V, total harmonic distortion less than 10% (THD<10%) and high power factor (>0.90).
- Bar Hangers: Standard housing includes 27" flat BH3 bar hangers. Also accommodates BH1 pre-nailed, adjustable bar hangers (purchased separately).

- Plaster Frame: High impact, high temperature, lightweight injection-molded plaster frame. Self-leveling frame ensures accurate positioning. Two preinstalled double-headed nails fasten plaster frame to joist. Double-headed 16 penny nails permit easy repositioning if required. May be used with 27" flat BH3 bar hangers or BH1 adjustable bar hangers.
- Socket: Compact fluorescent socket mounted to socket supporting bracket allows socket to snap directly to finish trim. Secured socket provides consistent luminaire-to-luminaire lamp position.
- Junction Box: Movable non-conductive junction box with four pry-out knockouts for non-metallic sheathed cable (Romex) and two 1/2" conduit pry-outs. Captive door hinges upward and stays open to permit fast electrical connections. Romex connectors not required. Staple Romex to joist within 8 inches of junction box. Meets all safety requirements of UL and the N.E.C.
- IC & Non-IC: Housing is UL Listed for direct contact with thermal insulation. Insulation must be kept three inches away from housing in non-IC applications.
- cUL Listed: for damp locations and through branch wiring, 4 in/4 out.
- AirSeal™: Luminaire is AirSeal™ rated per ASTM E283 limiting passage of air through housing to no more than 2.0 CFM at 75 Pascals. AirSeal™ housing meets restricted airflow requirements of Washington State Energy Code (W.S.E.C.) and International Energy Conservation Code (I.E.C.C.). Luminaire supplied with preinstalled gasket to ensure AirSeal™ installation.

accessories (ordered separately)

- Pair 27" Flat Bar Hangers **BH3**
- Pair Pre-Nailed Adjustable Bar Hangers **BH1**
- Oversized Trim Ring **OV1**
(for half reflector; bracket required NON-IC type trims)
- Oversized Trim Ring **OV2**
(for full reflector; socket supporting IC type trims)



RC2-7.5

Rev. 02/12

Recessed Compact Fluorescent

QL613/18/26NB

6" QuickLights® Compact AirSeal™
IC Rated Vertical Downlight,
Socket Supporting



Specifier's Reference

Project

Type

Model No.

Comments

Sample Catalog Number: **QL626NE1NB-RBC30WM**

Housing

QL613 – CFM13/GX24Q
QL618 – CFM18/GX24Q
QL626 – CFM26/GX24Q

Ballast

NE1 – Electronic normal power factor ballast 120V
DA1 – Electronic normal power factor dimming ballast 120V¹
U – Universal Electronic high power factor ballast 120-277V

NB

Socket

NB – No Bracket Standard
QP – Quick Plug
G – Gasket

Trims (choose one)

RBD40 – Deep Full Baffle Black
RBD40W – Deep Full Baffle White
RBC30M – Full Baffle Black
RBC30WM – Full Baffle White
RAD40CLR – Deep Cone Clear
RAD40W – Deep Cone White
SHR61CW – Regressed Glass Lens Shower Light
RB101W – Clear Reflector with White Baffle
RB101 – Clear Reflector with Black Baffle
RBA100CLR – Clear Reflector
RBA100BLK – Black Reflector
RBA100WHT – White Reflector
RB45W – Scoop Wall Wash, White Baffle
RB45 – Scoop Wall Wash, Black Baffle

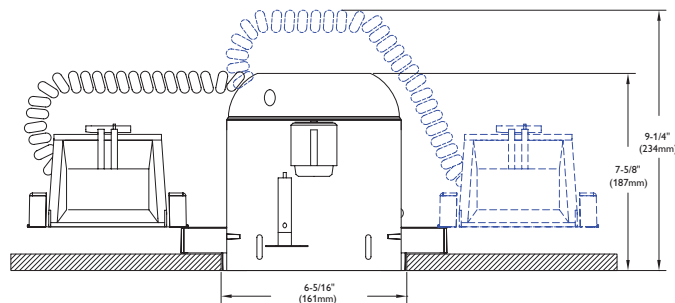
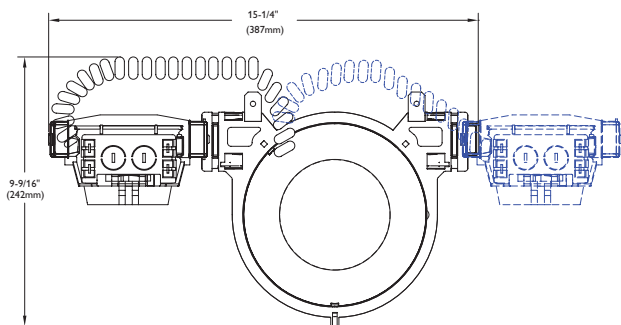
Footnotes:

1. DA1 for 26 Watt models only. Two wire phase dimming to 15%.

General Notes:

Lamp compatibility is noted under housings.
Electronic ballast is available with GX24Q lamp only.

PHILIPS
capri



trims



RBC30M (shown)
Full Black Baffled Reflector, with leaf springs
RBC30WM Full White Baffled Reflector, with leaf springs

Socket Supporting
7-1/16" O.D. (179 mm)

Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q



RB101 (shown)
Clear Reflector Black Baffle
RB101W Clear Reflector White Baffle

Socket Supporting
7-1/16" O.D. (179 mm)

Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q



SHR6ICW
Regressed Glass Shower Light
Polycarbonate Flange
Wet Location Approved
Socket Supporting
8" O.D. (203 mm)

Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q



RBA100CLR (shown)
Clear Reflector
RBA100BLK Black Reflector
RBA100W White Reflector

Socket Supporting
7-1/16" O.D. (179 mm)

Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q



RB45 (shown)
Scoop Wall Wash, Black Baffle
RB45W Scoop Wall Wash, White Baffle

Socket Supporting
7-1/16" O.D. (179 mm)

Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q



RBD40W (Shown)
Deep Full Baffle, White
RBD40 Deep Full Baffle, Black

Socket Supporting
7-1/16" O.D. (179 mm)

Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q



RAD40W (shown)
Deep Cone White
RAD40CLR Deep Cone Clear
Socket Supporting
8" O.D. (203 mm)

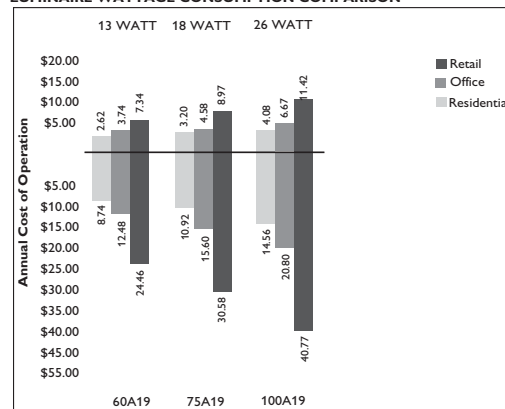
Housing	Lamp
QL613NE1NB	CFM13W/GX24Q
QL618NE1NB	CFM18W/GX24Q
QL626NE1NB	CFM26W/GX24Q

energy data

Operating Characteristics

Catalog Number	Lamp	Line Amps	Input Watts	Power Factor	Min. Start Temp.
QL613QNE1NB	CFM13W/GX24Q	0.26	15	>50%	0°F
QL618QNE1NB	CFM18W/GX24Q	0.34	22	>50%	0°F
QL626QNE1NB	CFM26W/GX24Q	0.40	28	>50%	0°F

LUMINAIRE WATTAGE CONSUMPTION COMPARISON



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Contact Factory for Additional Configurations.

Specifications are subject to change without notice.

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

