

Quest 1 Series

Vandal Resistant Canopy Light

Shallow LED Luminaire

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- APPLICATIONS — Eaves, Breezeways, Canopy, Soffit, Stairwell.
- BACKPLATE — 14-gauge (0.064") die formed aluminum, used for surface mounting.
- DRIVER — Universal voltage (UNV) 120-277V with 0-10V dimming, standard. 347V optional with (BB) back box option only
- LENS — 1/8" thick UV resistant, Injection molded Clear Polycarbonate. Drop square is standard, Pyramidal drop lens (DP) optional.
- LENS FRAME — 14-gauge (0.064") die formed aluminum. Securely mounts and seals the lens to back plate. Powder coat Textured White finish, standard. Optional colors available.
- GASKETING — EPDM and/or Neoprene, seals diffuser to backplate and backplate to recessed junction box.
- FASTENERS — Four Stainless Steel T15 Tamper-proof screws secure lens frame & lens to backplate.
- LIGHT ENGINE — High efficacy Light Emitting Diodes. Choose from 3K / 4K / 5K CCT.
- BACK BOX — Used for surface mounted conduit and other options. Made from 14-gauge die formed aluminum and powder coat color finished same as lens frame. Provided with (7) 7/8" trade size knockouts.
- EMERGENCY BACKUP — Optional integral or remote emergency batteries meet or exceeds 90-minute emergency backup requirement. Extreme cold weather backup option for operation down to -20°C. Style-B with deep back box required for integral batteries.
- REFLECTOR — 16G (.060) Aluminum Formed For Rigidity.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. Suitable for Wet Locations. **Made in USA / Buy America Compliant / Buy American Act.**



ORDERING INFO

ORDERING GUIDE:	Series	Style	Wattage	CCT	Voltage	Finish	Options

SERIES

QE1 = Quest 1 Series Surface Mount

STYLE

- A = 12" Square x 3" Depth
- B = 12" Square x 5 1/2" Depth
— Includes 2 1/2" Deep Back Box
- C = 12" Square x 4" Depth
— Includes 1" Shallow Back Box

WATTAGE

Refer to Below Chart for Size / Wattage Compatibility
LED(xx) = LED (xx = Wattage, ex: LED25)

COLOR TEMPERATURE (CCT)

- 3K = ±3000K range LED
- 4K = ±4000K range LED
- 5K = ±5000K range LED

VOLTAGE

- 347 = 347 Volts
- UNV = Universal Volt (120-277v) Electronic Driver

STANDARD FINISH (LENS FRAME)

- BK = Black Finish
- BZ = Bronze Finish
- PNA = Painted Natural Aluminum
- SGR = Silver Gray
- WH = Textured White Finish (STANDARD)

PREMIUM UPCHARGE FINISH (LENS FRAME)

- CC = Custom Color (Visit www.ralcolor.com)
- +NAT = Epoxy Coating for Natatorium
- +OFC = Epoxy Coating for Ocean Front Environments

PHOTOCELL OPTION

9328 = Photocell Button (120/277V)

CONTROL OPTIONS

MANUAL CONTROL (Wall Switch or Control System)

Note: Cannot be used with Sensor Controls below

Note: 0-10V (100-30%) Dimming is Standard

D7A = 0-10VDC LED Dimming Driver (100-10%)

D7B = 0-10VDC LED Dimming Driver (100-1%)

BLS = Bi-Level Switching (Includes Two Drivers)

OR

Sensor Control (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls above

Note: See Accessory Options for Required Remote Controller

OCC = Occupancy Sensing | Motion Sensor Integral

— Microwave / Single Feed / 120/277V Only

— Standby Dim Level Presets: ON/OFF (0%/100%)

BLD = Bi-Level Dimming | Motion Sensor Integral

— Microwave / Single Feed / 120/277V Only

— Standby Dim Level Presets:

10% / 20% / 30% (Standard) / 50%

MISC OPTIONS

DP = Drop Prismatic Polycarbonate Pyramidal Diffuser

FUS = Single Fusing

DFUS = Double Fusing

EMERGENCY BATTERY OPTIONS

Meets California Energy Commission Title 20:

(CEC-400-2014-009-CMF) Efficiency Standards

EL4W = Integral LED 8 Watt

EL10W = Integral LED 10 Watt

EL16W = Integral LED 16 Watt

REL4W = Remote LED 8 Watt

REL10W = Remote LED 10 Watt

REL16W = Remote LED 16 Watt

Cold Weather Emergency Batteries:

Operating Temp: -20°C thru 50°C / NON-CEC Compliant

EL10W-CW = Integral LED 10 Watt (Cold Weather)

REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)

9002 = Tamperproof Screwdriver

REMT0009 = Remote Controller for Sensor Options

NOTES:

2 Compatible with Style "B" and "C" Only

20 Max mounting height of fixture is 18' (18 feet)

50 Max WHIP length of the REL is 8 feet.

53 Final selection of the Battery Pack under discretion of Factory

Fixture		QE1-A	QE1-B	QE1-C
Dimensions - W x H x D		12" Sq. x 3" Depth	12" Sq. x 5 1/2" Depth	12" Sq. x 4" Depth
Light Emitting Diode	LED	15w / 25w	15W / 25W / 40W	15W / 25W / 40W

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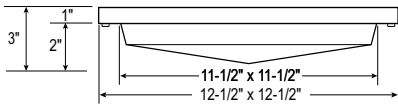
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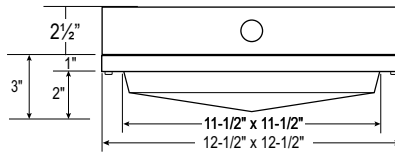
Note: Diagrams depicted feature Optional Drop Pyramidal Lens (DP)



Style A - No Back Box



Style B - Deep Back Box



Style C - Shallow Back Box

