

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

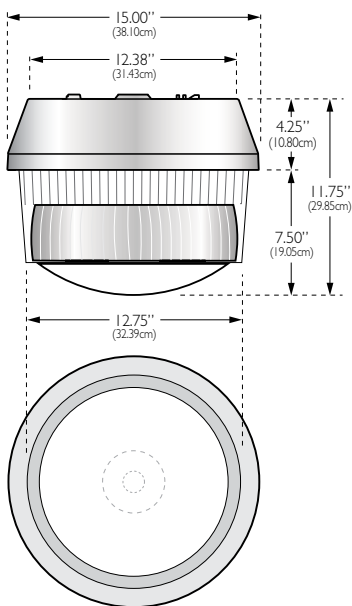
Type:	Job:					Approvals:
Catalog Number:						
-						
Series/Source-Wattage	Distribution (Optic Assembly / Refractor)	Voltage	Options (Factory Installed)	Finish	Accessories (Field Installed)	Date: Page 1 of 10

Overall Dimensions For Reference Only

RSP

S (symmetric) acrylic refractor with internal reflector system
Standard for HID units, available for CF units.

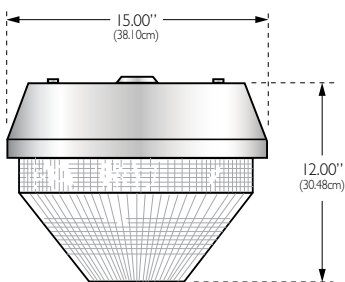
A (asymmetric) acrylic refractor with internal reflector system
Available for HID units only.



RSP CF/QL

R (symmetric) polycarbonate refractor
Standard for CF and QL units.

RG (symmetric) glass refractor
Not available for 165W QL units.



Weight

unit with S, A and R optic	20 lbs. (9.07 kgs)
unit with RG optic	30 lbs. (13.61 kgs)

Specifications

Housing / Finish

Die-cast aluminum alloy construction shall ensure durability within parking structures. Standard finish is Textured Satin Aluminum UltraClad polyester powder coat, electrostatically applied and oven cured. Other colors may be specified. Construction and finish of the housing and all exterior hardware shall ensure fixture is resistant to the effects of corrosives and contaminants such as exhaust fumes. Easy Hanger Plate and internal component mounting brackets shall be fabricated from pre-galvanized steel. Standard HID unit constructed to IP54. Standard QL/CF unit constructed to IP52.

Optic Assembly

Symmetric (S) or Asymmetric (A) Optic Assembly: Enclosed and gasketed optical assembly shall have an internal reflector system with upper and lower apertures for controlled downlight with uplight component. Reflector shall also shield the arc tube to sharply restrict discomfort and disabling glare. Downlight component shall have Type V Round distribution with sharp definition and high peak angles to give wide spacing and high uniformity while avoiding glare in visual zones. ADL (Additional Downlight) option available, useful for higher footcandle requirements of entry/egress areas. Upper aperture shall produce a symmetrical, upward light component that provides fill light on ceiling surfaces. Primary reflector shall be fabricated from specular, high purity, anodized aluminum that is fixed within lens interior for proper photometric alignment. Secondary, upper reflector shall be fabricated from specular, high purity, anodized aluminum and shall redirect high angle light back to the primary reflector and useful beam.

Symmetric Round Refractor (R): For CF source fixtures, precision refractor is made from UV stabilized acrylic, with a Reflector/Refractor option available. With long-life QL lamp sources, a high impact polycarbonate refractor is standard.

Symmetric Round Glass Refractor (RG): Glass Refractor available for HID, CF, and QL units.

Lens

'S' or 'A' Optics: Injection-molded, UV stabilized, high impact acrylic lens (with symmetric or asymmetric reflector) shall be enclosed and gasketed for optimal performance. **'R' Optics:** An injection-molded, UV stabilized, polycarbonate lens is standard with CF and QL lamp sources, and is optional on other wattages (not recommended with 175-200W metal halide lamps). **'RG' Optics:** Molded glass lens may be specified. Ambient temperature restrictions apply. Suitable for use with HID, CF and 85W QL units in 55°C (131°F) ambients. 100W max HID units are suitable for use in 65°C (149°F) ambients.

Lamp / Socket

The socket shall be porcelain, with spring-pressure center contact, 4KV pulse rated. Medium base HID lamps. Socket shall mount directly to the upper reflector to assure proper photometric alignment with the optical system. In QL induction units, the lamp and lamp holder are preassembled and integral. CF unit luminaires utilize T4/PLT4 Compact Fluorescent lamps and GX24q-4/5 sockets.

Ballast

HID Units: Standard magnetic ballast shall be high power factor with reliable starting at temperatures as low as -34°C (-30°F) for Pulse Start Metal Halide and -40°C (-40°F) for High Pressure Sodium. Crest factor does not exceed 1.8. Ballast has Class H, 180°C (356°F) rated insulation system.

Electronic Ballast option: Available for 150-70W Pulse Start Metal Halide units and some feature optional low voltage (0-10v) dimming capability. **CF / QL Units:** Ballast is high frequency electronic type, with Total Harmonic Distortion of less than 10% with reliable starting at temperatures as low as -40°C (-40°F) for QL, and -30°C (-22°F) for CF.

Mounting

Standard mounting shall include a galvanized steel Easy Hanger Plate with universal provisions for 4" junction boxes. An external set screw allows the fixture to be locked or removed without fixture disassembly. Optional tamperproof screws available. Threaded hubs are optional for pendant mounting to ¾" rigid conduit or direct surface mounting with feed-through wiring. Yoke mount also available, as well as a wall mount bracket (with or without surface conduit box).


Listings

Luminaire is ETL listed to the UL standard, UL 1598, suitable for Wet Locations and 40°C (104°F) ambients. RSPQL-85 watt, 120-277V unit is rated for 40°C (104°F) ambients. RSPQL-85 watt, 480V unit is rated for 30°C (86°F) ambients. RSPQL-165 watt unit is rated for 25°C (77°F) ambients. The quality systems of this facility have been registered by UL to the ISO 9001 Series Standards.

See current RSP-HAZ spec sheet WLSP0119 for IP65 Dust-Tite, UL 844 Hazardous Location listed unit.

Warranty / Terms and Conditions

5 year limited warranty. See philips.com/warranties for complete details and exclusions.

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

PHILIPS



RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 2 of 10
-------	------	--------------


RSP

'S' / 'A' optic
(standard HID unit)



'R' / 'RG' optic



Series / Source - Wattage		Distribution (optics)	Voltage	E ballast options
<p>Pulse Start Metal Halide</p> <p><input type="checkbox"/> RSPP-70⁴</p> <p><input type="checkbox"/> RSPP-100</p> <p><input type="checkbox"/> RSPP-150</p> <p><input type="checkbox"/> RSPP-175</p> <p><input type="checkbox"/> RSPP-200</p>	<p>Compact Fluorescent</p> <p><input type="checkbox"/> RSPCF-242</p> <p><input type="checkbox"/> RSPCF-426</p> <p><input type="checkbox"/> RSPCF-432</p> <p><input type="checkbox"/> RSPCF-442</p> <p></p>	<p><input type="checkbox"/> S</p> <p>Symmetric</p> <p>UV stabilized high impact acrylic lens, with internal reflector. Standard for HID units. Available for CF units.</p> <p><input type="checkbox"/> A</p> <p>Asymmetric</p> <p>UV stabilized high impact acrylic lens, with internal reflector. Available for HID units only.</p> <p><input type="checkbox"/> R</p> <p>Refractor (Symmetric)</p> <p>UV stabilized polycarbonate lens. Standard for CF and QL units. Consult factory for use with HID. Not recommended for 175-200 watt PSMH.</p> <p><input type="checkbox"/> RG</p> <p>Glass Refractor (Symmetric)</p> <p>Borosilicate glass lens. Not available in 165W QL.</p>	<p><input type="checkbox"/> 120</p> <p><input type="checkbox"/> 208</p> <p><input type="checkbox"/> 240</p> <p><input type="checkbox"/> 277</p> <p><input type="checkbox"/> 347</p> <p><input type="checkbox"/> 480</p> <p>480V not available with Electronic HID ballast option (70-150W PSMH only).</p> <p><input type="checkbox"/> QV</p> <p>Quad voltage ballast (HID sources only). Allows field selection of 120/208/240/277 voltage.</p> <p><input type="checkbox"/> 120-277V</p> <p>For units with electronic ballast: CF units or HID units with 'E' option.</p>	<p>Electronic Ballast</p> <p>(available for 70-150W PSMH units only, not available in 480V)</p> <p><input type="checkbox"/> E Electronic Ballast (mfg. of electronic ballast not specified)</p> <p><input type="checkbox"/> EI⁴ Metrolight electronic ballast</p> <p><input type="checkbox"/> E4 Advance electronic ballast</p> <p><input type="checkbox"/> AD Analog dimming to 50% power (full range 0-50 dimming / requires 0-10V low voltage wiring) (leave blank for non-dimming ballast)</p>
<p>High Pressure Sodium</p> <p><input type="checkbox"/> RSPS-70⁴</p> <p><input type="checkbox"/> RSPS-100</p> <p><input type="checkbox"/> RSPS-150</p>	<p>QL Induction *</p> <p><input type="checkbox"/> RSPQL-85</p> <p><input type="checkbox"/> RSPQL-165</p> <p>* Ambient temperature limits apply at certain voltages. Contact factory.</p>			

Options (factory installed)

Auxiliary / Emergency Lighting (available for HID only)

Auxiliary Fluorescent Systems

(not available with RG optics, limited to 175W units and below)

- ☐ **CSRLF** Hot 55W HO circline restrike
- ☐ **LF¹** Hot/Cold 55W HO circline auxiliary lighting system with lamp
- ☐ **LFI** Circline auxiliary lighting system
- ☐ **LFI-EBB** Circline auxiliary lighting system with emergency battery backup
- ☐ **LF-EBB¹** Hot/Cold 55W HO circline emergency lighting system with emergency battery backup

Auxiliary Quartz Systems

- ☐ **CSR** Hot quartz restrike
- ☐ **LQ** Hot/Cold quartz restrike (100W max quartz lamp)
- ☐ **LQI** Separately wired (120V) quartz restrike (100W max quartz lamp)
- ☐ **LQ2** LQ and LQI combined in the same fixture

- ☐ **IP65** Dust-Tite construction (to IP65)
- ☐ **ADL** Additional down light (available for HID only)
- ☐ **BL** Bi-Level (available for HID only)
- ☐ **ITS** Ignitor Turn-off switch (available for PSMH and HPS only)
- ☐ **F1** Single Fuse (120/277/347V) Specify voltage with QV or QL units.
- ☐ **F2** Double Fuse (208/240/480V) Specify voltage with QV or QL units.
- ☐ **F3** Double Fuse (208/240/480V) Specify voltage with QV or QL units. (Canadian double pull)
- ☐ **BP** Bulk packed Easy Hanger Plate
- ☐ **TS** Tamper resistant screws
- ☐ **VL** Polycarbonate lens
- ☐ **NLMP** No lamp
- ☐ **CWA** Low wattage CWA ballast
- ☐ **50HZ** 50Hz ballast
- ☐ **TW2²** Thru-Wire provision
- ☐ **Y** Yoke mount
- ☐ **PND-RC³** Pendant mounting for up to 12" rigid conduit lengths
- ☐ **PND-RC-24LDS³** Pendant mounting (with 24" leads)

Note:

1. 'LF' and 'LF-EBB' require the use of electronic ballasts.
2. EBB options not available with TW2 feed-thru wiring.
3. When unit is mounted to rigid conduit lengths over 12", PND-OJB accessory is required. Uses standard EZ Hanger plate mounting. 24" Leads option must also be specified.
4. EI Metrolight ballast not available with 70W HID options.

CF / QL exclusive options (not available for HID units)

- ☐ **LMP(XX)** Lamped (standard)
(Specify XX = Color temperature code:
27 (2700K lamp, available for CF units only)
30 (3000K lamp, available for CF and QL units)
35 (3500K lamp, available for CF units only)
40 (4000K lamp, available for QL units only)
If lamp color temperature is not specified with this option, RSPQL units are shipped with 40K lamps.
41 (4100K lamp, available for CF units only)
If lamp color temperature is not specified with this option, RSPCF units are shipped with 41K lamps. (CF lamps shipped separately)
- ☐ **SL** Switch legs (available for CF units only)
- ☐ **ZX** Locking sockets (available for CF units only)
- ☐ **EBB-DL-750-(XXX)-MT¹** (CF units only)
Emergency battery backup, 750 lumens (damp location, manual test switch, remote mount)
- ☐ **EBB-DL-1000-(XXX)-MT¹** (CF units only)
Emergency battery backup, 1000 lumens (damp location, manual test switch, remote mount)
- ☐ **EBB-DL-1000-(XXX)-ST¹** (CF units only)
Emergency battery backup, 1000 lumens (damp location, self test switch, remote mount)
(XXX) = specify voltage: 120 or 277V only

Finish

- ☐ **TSA** Textured Satin Aluminum
- ☐ **TDB** Textured Dark Bronze
- ☐ **TBK** Textured Black
- ☐ **TWHT** Textured White
- ☐ **TGR** Textured Gray
- ☐ **TGN** Textured Green
- ☐ **RAL(*)** Specify Custom RAL color number

Accessories (must be ordered separately)

- ☐ **F1-KIT** Single fuse kit (120/277/347V)
- ☐ **F2-KIT** Double fuse kit (208/240/480V)
- ☐ **F3-KIT** Double fuse kit (208/240/480V) (Canadian double pull)
- ☐ **HSS** House side shield (for use with 'S' optics only)
- ☐ **T2S** Type 2 shield (for use with 'S' HID non-EONS optics only)
- ☐ **BG** Bird guard (pendant mounting required) (Satin Aluminum only)
- ☐ **PND-OJB²** Offset junction box
- ☐ **WMB-RSP-NM** Wall mount bracket to recessed wiring box or surface conduit box, by others
- ☐ **WMB-RSP-EZM** Wall mount bracket for mounting directly to EZ hanger plate

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 3 of 10
-------	------	--------------

Distribution Guide & Ballast Data ⁽¹⁾

Standard HID sources (optional low wattage CWA or electronic ballast data shown in italic)

Source Type ⁽²⁾	Catalog Number	Lamp Envelope	Reflector Type ⁽³⁾	% Uplight	SP/MH	ies File Name	Ballast Type ⁽⁴⁾	ANSI Code	Line Current ⁽⁵⁾ 120 / 208 / 240 / 277 / 480	Line Watts	LER ⁽⁶⁾
PS	RSPP-70	BT/ED17	S A	12.3 14.6	5 5.6	rspp70s.ies rspp70a.ies	HX-HPF <i>optional CWA</i>	M98 / M143 <i>M98 / M143</i>	1.9 / 1.0 / 0.9 / 0.8 / 0.5 <i>0.7 / 0.4 / 0.3 / 0.3 / NA</i>	95 78	63 57
	RSPP-100	BT/ED17	S A	12.3 14.6	5 5.6	rspp10s.ies rspp10a.ies	HX-HPF <i>optional CWA</i> <i>optional electronic</i>	M90 / M140 <i>M90 / M140</i> <i>M90 / M140</i>	2.8 / 1.4 / 1.4 / 1.2 / 0.6 <i>1.1 / NA / NA / 0.5 / NA</i> <i>0.9 / 0.5 / 0.5 / 0.4 / NA</i>	130 128 113	48 60
	RSPP-150	BT/ED17	S A	12.3 14.6	5 5.6	rspp15s.ies rspp15a.ies	HX-HPF <i>optional CWA</i> <i>optional electronic</i>	M102 / M142 <i>M102 / M142</i> <i>M102 / M142</i>	3.7 / 2.1 / 1.8 / 1.6 / 1.0 <i>1.7 / NA / NA / 0.8 / NA</i> <i>1.4 / 0.8 / 0.7 / 0.6 / NA</i>	185 189 166	41 37
	RSPP-175	BT/ED17	S A	12.3 14.6	5 5.6	rspp17s.ies rspp17a.ies	CWA	M137 / M152	2.0 / 1.1 / 0.9 / 0.8 / 0.5	220	48 44
	RSPP-200	BT/ED17	S A	12.3 14.6	5 5.6	rspp20s.ies rspp20a.ies	CWA	M136	2.2 / 1.3 / 1.1 / 1.0 / 0.5	232	50 45
HPS	RSPS-70	BT/ED17	S A	21.9 15.0	6 6.5	rsps70s.ies rsps70a.ies	HX-HPF	S62	1.7 / 1.0 / 0.9 / 0.8 / 0.6	94	49 44
	RSPS-100	BT/ED17	S A	21.9 15.0	6 6.5	rsps10s.ies rsps10a.ies	HX-HPF <i>optional CWA</i>	S54 <i>S54</i>	2.3 / 1.4 / 1.1 / 1.0 / 0.8 <i>1.2 / NA / 0.7 / 0.5 / 0.3</i>	130 138	54 48
	RSPS-150	BT/ED17	S A	21.9 15.0	6 6.5	rsps15s.ies rsps15a.ies	HX-HPF <i>optional CWA</i>	S55 <i>S55</i>	3.2 / 1.7 / 1.6 / 1.4 / 0.7 <i>1.7 / NA / 0.9 / 0.7 / 0.5</i>	195 190	62 55

Compact Fluorescent source

Source Type ⁽²⁾	Catalog Number	Lamping	Spacing Criteria	Min. Starting	Max. ⁽⁹⁾ Ambient	Lamp ⁽¹⁰⁾ Life in hrs.	ies File Name	Line Current ⁽⁵⁾ 120 / 220-240 / 277	Line Watts	LER ⁽⁶⁾
CF	RSPCF-242	2X42W CF	2.0	-30° C	40° C	15,000	rspsc242(*).ies	0.7 / 0.4 / 0.3	90	63
	RSPCF-426	4X26W CF	2.1	-30° C	40° C	15,000	rspsc426(*).ies	0.9 / 0.5 / 0.4	104	59
	RSPCF-432	4X32W CF	2.1	-30° C	40° C	15,000	rspsc432(*).ies	1.0 / 0.5 / 0.4	128	64
	RSPCF-442	4X42W CF	2.1	-30° C	40° C	15,000	rspsc442(*).ies	1.5 / 0.8 / 0.6	168	65

QL Induction source

Source Type ⁽²⁾	Catalog Number	Lamping ⁽⁸⁾	Spacing Criteria	Min. Starting	Max. ⁽⁹⁾ Ambient	Lamp ⁽¹⁰⁾ Life in hrs.	ies File Name	Line Current ⁽⁵⁾ 120 / 208 / 240 / 277	Line Watts	LER ⁽⁶⁾
QL	RSPQL-85	85W QL	1.6	-40° C	40° C (120-277V), 30° C (480V)	100,000	rspq85s.ies	0.8 / 0.5 / 0.4 / 0.3	85	62
	RSPQL-165	165W QL	1.6	-40° C	25° C	100,000	rspq165s.ies	1.5 / 0.8 / 0.7 / 0.6	165	63

1) The RSP Series accommodates a variety of other wattages and lamps. Consult factory.

2) PS = Pulse Start Metal Halide, HPS = High Pressure Sodium. Clear lamps recommended.
CF = Compact Fluorescent, QL = QL Induction. CF and QL source use coated lamps.

3) Standard HID reflector types: S = Symmetric, A = Asymmetric.
(to specify RG or R refractor with HID source, consult factory.)
Standard CF and QL reflector type: R = Symmetric polycarbonate refractor.
S reflector system is available with CF source.
(replace (*) with chosen CF reflector type)

4) CWA = Constant Wattage Autotransformer; HX-HPF = High Reactance High Power Factor.
Consult factory for other HID ballast types and additional CF and QL information.

5) 208V, 240V, 480V and QV units available. Consult factory.

6) LER = Luminaire Efficacy Rating. Calculated in accordance with NEMA Standard LE-5B for standard ballast. For PSMH 70-150W LER values w/ optional Electronic or CWA ballast, consult factory.

7) Ambient temperature restrictions apply. Consult factory.

8) Data represents highest and/or most common lumen packages available for each reflector size. Note Maximum Ambients. Consult factory for information on specific lamping requirements.

9) Important: Ambient temperature guidelines must be followed.
Operation in excess of Maximum Ambient temperatures will void luminaire warranty.
Approximate °C to °F relationship is as follows:
Max ambients: 25°C = 77°F, 30°C = 86°F, 40°C = 104°F.
Minimum starting temps: -30°C = -22°F, -40°C = -40°F.

10) Lamp life based on 50% mortality rate at 10 hour starts.

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

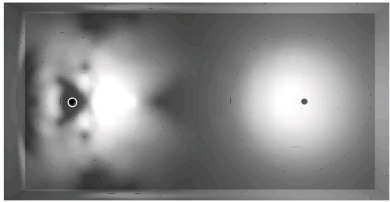
Type:	Job:	Page 4 of 10
-------	------	--------------

Option details (Factory Installed)

Auxiliary / Emergency Lighting (available for HID units only)

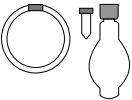
Photometric Data Comparison Reveals Uniformity of Light with TSHO Circline Auxiliary / Emergency Lighting System.

(Garage lighting application viewed from above showing relative footcandle levels on the floor and surrounding walls.)



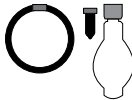
quartz emergency lamp in typical garage fixture RSP with TSHO circline fluorescent lamp

LiteMatic Operation (LF = LiteMatic Fluorescent / LQ = LiteMatic Quartz)



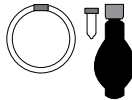
Normal Start:

Main HID and auxiliary (TSHO Circline Fluorescent or Quartz) lamps both energized.



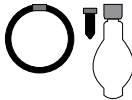
Main Lamp Reaches Approximately 40% of Rated Output:

Auxiliary (Fluorescent or Quartz) lamp automatically extinguishes. Combined lamp currents never exceed that of main lamp at 100% output.



When Arc Extinguished:

After power interruption, auxiliary (Fluorescent or Quartz) lamp is automatically energized when power is restored and remains on during run down, restrike and ramp up.



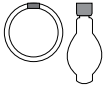
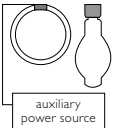
Main Lamp Reaches Approximately 40% of Rated Output:

Auxiliary (Fluorescent or Quartz) lamp automatically extinguishes.

Auxiliary Fluorescent Lighting Systems^{1,2}

Fluorescent auxiliary lamp offers a high performance alternative to traditional quartz restrike systems.


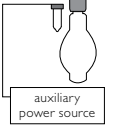
Advantages include 16,000 hr lamp life, 3800 lumens (55W), cooler operation resulting in safer lamp handling, and precise, round distribution for optimum photometric performance.

CSRLF	Hot 55W HO circline restrike (no time delay)	CSRLF:	Circline Fluorescent restrike using a current sensing relay. Activation: At cold start / restrike, through Run Down. Extinguishes once main HID lamp strikes / restrikes.	
LF³	Hot/Cold 55W HO circline auxiliary lighting system with lamp	LF:	Provides LiteMatic TSHO Circline Fluorescent auxiliary operation for fixtures with 120V or multi-tap ballasts. Activation: At cold start / restrike, through run down, restrike and ramp up. Extinguishes after HID lamp reaches approximately 40% light output.	
LFI	Circline auxiliary lighting system	LFI:	Separately wired, externally controlled Circline Fluorescent Emergency Lighting from an auxiliary power source (generator, inverter, UPS). Activation: Emergency (Black Out) conditions only. Extinguishes when main power is restored.	
Note:	Emergency Battery Backup options LF1-EBB and LF-EBB are not available with TW2 feed-through luminaire wiring.	LFI-EBB:	Provides factory supplied, externally mounted Emergency Battery Backup (EBB) to power the circline fluorescent lamp. Activation: Emergency (Black Out) conditions only. Extinguishes when main power is restored.	
LF1-EBB	Circline auxiliary lighting system with emergency battery backup	LF-EBB:	Provides LiteMatic Circline Fluorescent auxiliary operation and includes factory supplied, externally mounted Emergency Battery Backup (EBB) to power the circline fluorescent lamp. Activation: At cold start / restrike, through run down, restrike and ramp up. Extinguishes after HID lamp reaches approximately 40% light output.	
LF-EBB³	Hot/Cold 55W HO circline emergency lighting system with emergency battery backup			
Notes:				
1. RSP-LF options are limited to 175 watt and below (HID non-EONS RSP units).			2. Not available with RG optics.	
			3. 'LF' and 'LF-EBB' requires the use of electronic ballasts.	

Auxiliary Quartz Lighting Systems

Notes: Standard 100 watt (120V) double contact bayonet base socket.
Combined Quartz wattage may not exceed HID lamp wattage.
Requires 5-wire.

LQ1 and LQ2 require an Interlock (by others) to ensure HID and Quartz source are not operated together.

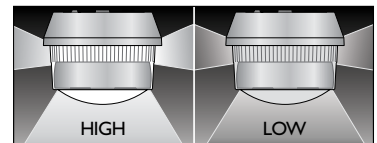
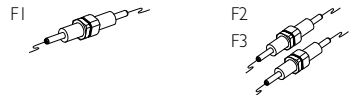
CSR	Hot quartz restrike (no time delay) (100W quartz lamp max)	CSR:	Quartz restrike using a current sensing relay. Activation: At cold start / restrike, through Run Down. Extinguishes once main HID lamp strikes / restrikes.	
LQ	Hot/Cold quartz restrike (100W quartz lamp max)	LQ:	Provides LiteMatic Quartz auxiliary operation for fixtures with 120V or multi-tap ballasts. Activation: At cold start / restrike, through run down, restrike and ramp up. Extinguishes after HID lamp reaches approximately 40% light output.	
LQI	Separately wired (120V) quartz restrike (100W quartz lamp max) Requires an Interlock (by others) to ensure HID and quartz source are not operated together.	LQI:	Separately wired, externally controlled Quartz Emergency Lighting from an auxiliary power source (generator, inverter, UPS). Activation: Emergency (Black Out) conditions only. Extinguishes when main power is restored.	
LQ2	LQ and LQI combined in the same fixture	LQ2:	Combines the standard LQ and LQI systems to provide the ultimate in safety and security. Activation: 1) At cold start / restrike, through run down, restrike and ramp up. Quartz lamp is extinguished after HID lamp reaches approximately 40% light output. 2) Emergency (Black Out) conditions only. Extinguishes when main power is restored.	

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 5 of 10
-------	------	--------------

Option details continued (Factory Installed)


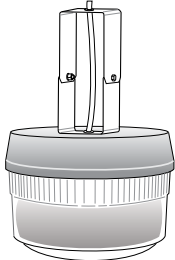

IP65	Dust-Tite construction	May be specified with standard junction box (by others) when unit is pendant mounted (PND-RC or PND-RC-24-LDS option, or PND-OJB accessory) or with direct surface mounting and feed-thru wiring (TW2). IP65 option with standard easy hanger plate mounting requires the use of weatherproof wiring connectors or weatherproof junction box (by others).	
ADL	Additional down light <i>Note: Available for HID units only.</i>	Modified upper reflector focuses more light downward. Useful in meeting 50 fc minimum entry zone requirements of parking garages.	
BL	Bi-Level (Hi/Low dimming) <i>Note: Available for HID units only.</i> <i>Bi-level dimming is suitable for HPS in all wattages.</i> <i>Metal halide dimming below 100W is not recommended due to noticeable color shift.</i>	Provides High / Low level of lamp output to 50% power. Zero crossover network avoids strobing and lamp dropout.	
ITS	Ignitor Turn-off switch <i>Note: Available for PSMH and HPS HID units only.</i>	For preventing damage to the ballast at PSMH and HPS lamp end-of-life. Disconnects ignitor within seven minutes if a lamp has failed.	
F1 F2 F3	Single fuse (120V / 277 / 347V) Double fuse (208V / 240V / 480V) Double fuse (208V / 240V / 480V) (Canadian double pull) <i>Note: Fusing options require that voltage must be specified with QL units or HID units ordered with QV ballasts.</i>	1 KTK 30 amp fuse mounted internally on the ballast plate. 2 KTK 30 amp fuses mounted internally on the ballast plate.	
BP	Bulk packed Easy Hanger Plate	For job site installation prior to scheduled fixture arrival.	
TS	Tamper resistant screws	Provides an additional level of security by inhibiting unauthorized access.	
VL	Vandal resistant polycarbonate lens <i>Note: May be specified on HID units with 'S' or 'A' optic in 150 watt and below only. Polycarbonate refractor (R) is standard on QL units.</i>	Impact resistant polycarbonate lens is less prone to vandalism. Covered by a 1 year factory warranty.	
NLMP	No lamp	Specified if lamps are to be provided by others.	
CWA	Low wattage CWA ballast	Provides improved voltage regulation and reduces current draw. Available for 70W, 100W and 150W HID only.	
50HZ	50 Hz ballast operation	Specified for applications (outside the United States) where 50 Hertz operation is standard.	

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 6 of 10
-------	------	--------------

Option details continued (Factory Installed)

TW2	Thru-wire provision	Feed-thru wiring for direct surface mounting to 3/4" conduit.	
Y	Yoke mount	Specified as an alternative to pendant mounting, especially for sloped ceilings. Yoke provides rigidity as well as adjustable mounting height and routing of SO cord (provided by others).	
PND-RC	Pendant mounting	<p>3/4" threaded hub allows mounting to rigid pendant lengths up to 12". (Junction Box by others)</p> <p>Standard supply wiring connection for PND-RC is made inside fixture and requires removal of lens and reflector pan.</p> <p>For external wiring to ceiling mounted junction box, specify PND-RC-24LDS.</p> <p><i>Note: For mounting to conduit lengths greater than 12", standard unit's EZ Hanger plate mounting is required along with separately ordered PND-OJB accessory.</i></p>	
PND-RC-24LDS	Pendant mounting with 24" leads	<p>24" leads supplied for external wiring to ceiling mounted junction box.</p> <p>3/4" threaded hub allows mounting to rigid conduit. (Junction Box by others)</p> <p><i>Note: If installation requires longer leads, contact factory to specify custom length leads.</i></p> <p><i>Note: For mounting to conduit lengths greater than 12", standard unit's EZ Hanger plate mounting is required along with separately ordered PND-OJB accessory.</i></p>	

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 7 of 10
-------	------	--------------

Option details continued (Factory Installed)

CF / QL Exclusive Options

LMP(XX)

Lamped (Standard)
(XX) = Specify CF or QL lamp color temperature

Compact Fluorescent

27	2700K Lamp
30	3000K Lamp
35	3500K Lamp
41¹	4100K Lamp

QL induction

30	3000K Lamp
40²	4000K Lamp

1. If lamp color temperature is not specified with this option, RSPCF units are shipped with 41K lamps. CF Lamps shipped separately.
2. If lamp color temperature is not specified with this option, RSPQL units are shipped with 40K lamps.

CF Exclusive Options

SL

Switch legs

Provides energy savings by allowing selective operation of each of the 2 electronic ballasts.

Note: Available for CF units only. Field selection and connection required. See installation instructions.

ZX

Locking sockets

Ensures compact fluorescent lamps will remain securely in the socket.
Useful in areas that experience elevated levels of vibration.

Note: Available for CF units only.

Notes: EBB options are available for CF units only. Not available with TW2 feed-thru luminaire wiring option.

Remotely mounted emergency battery backup. Suitable for Damp Locations.

Includes two 24" sections of 3/8" flex conduit, charging indicator light, and a manual test switch. (Self test switch available on 1000 Lumen unit only.)

Mounting dimensions depend on ballast type. Consult factory.

EBB-DL-750-(XXX)-MT

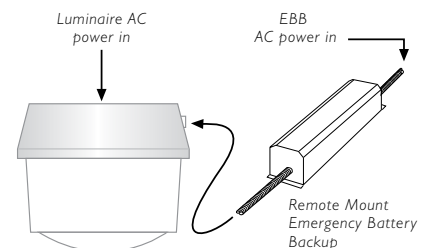
Emergency battery backup, 750 lumens, manual test switch
(XXX) = Specify CF unit voltage: **120** or **277** only.

EBB-DL-1000-(XXX)-MT

Emergency battery backup, 1000 Lumens, manual test switch
(XXX) = Specify CF unit voltage: **120** or **277** only.

EBB-DL-1000-(XXX)-ST

Emergency battery backup, 1000 Lumens, self test switch
(XXX) = Specify CF unit voltage: **120** or **277** only.

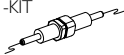
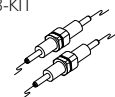
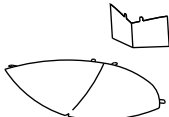

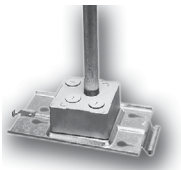


RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 8 of 10
-------	------	--------------

Accessory details (Field Installed - Shipped Separately)

F1-KIT	Single fuse kit (120V / 277 / 347V) <i>Note: Voltage must be specified.</i>	1 KTK 30 amp fuse and fuse holder for field installation	F1-KIT 
F2-KIT	Double fuse kit (208V / 240V / 480V) <i>Note: Voltage must be specified.</i>	2 KTK 30 amp fuses and fuse holder for field installation	F2-KIT F3-KIT 
F2-KIT	Double fuse kit (208V / 240V / 480V) (Canadian double pull) <i>Note: Voltage must be specified.</i>		
HSS	House side shield ('S' optics only)	Restricts spill light onto adjacent areas.	
T2S	Type 2 shield (for HID non-EONS 'S' optics only)	Type II Asymmetric shield. Supplemental reflector converts the distribution to an elliptical rather than a concentric pattern.	
BG	Bird guard (requires pendant mounting)	Inhibits nesting which may cause overheating of fixture. Available in Satin Aluminum only.	
PND-OJB	Offset junction box	3/4" threaded hub allows mounting to free-swinging or rigid pendant lengths greater than 12". (used with standard EZ Hanger plate)	

RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

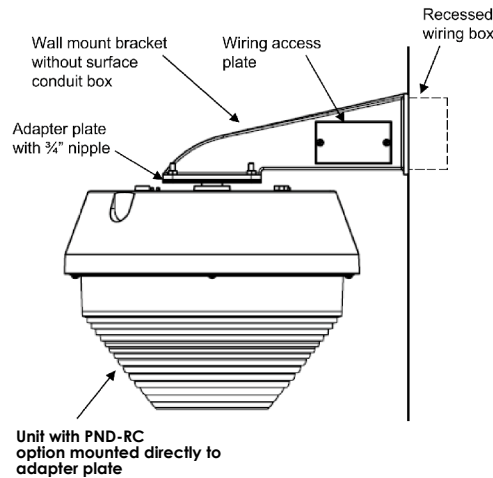
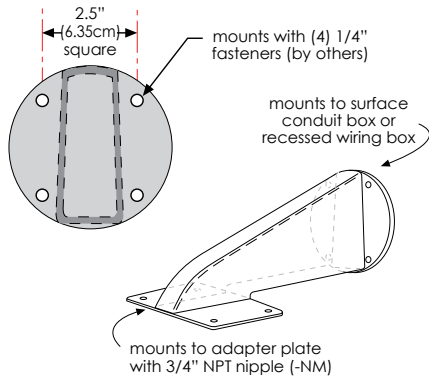
Type:	Job:	Page 9 of 10
-------	------	--------------

Accessory details continued (Field Installed - Shipped Separately)

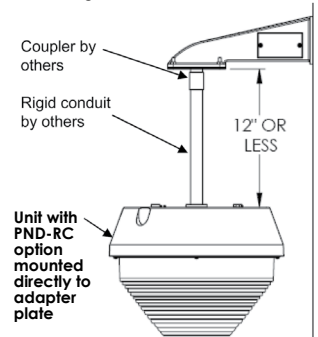
WMB-RSP-NM-(X)

Wall mount bracket to recessed wiring box or surface conduit box (by others)

(X) = Specify finish



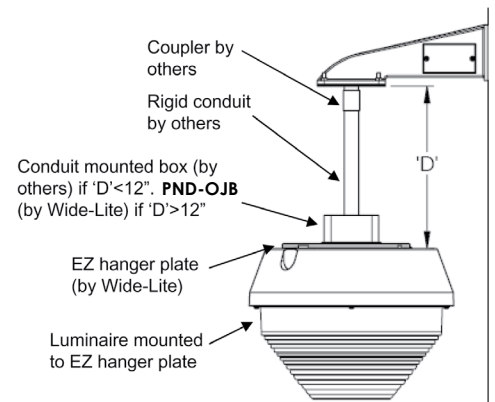
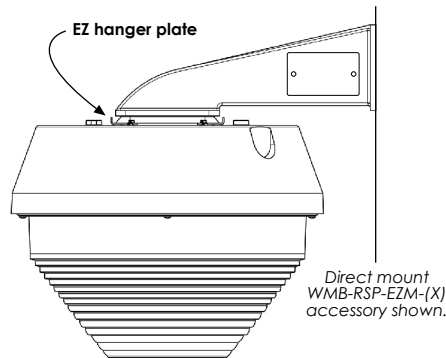
May also be pendant mounted with coupler and rigid conduit (by others). May require customer supplied pendant mounted conduit box, depending on pendant length and desired mounting method.



WMB-RSP-EZM-(X)

Wall mount bracket for mounting directly to EZ hanger plate

(X) = Specify finish



RSP Series

Round Spectra-Lyte Garage Light, 70-200 watt HID / CF, QL available

Type:	Job:	Page 10 of 10
-------	------	---------------

Notes



© 2015 Koninklijke Philips N.V. All rights reserved.
Philips reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.
philips.com/luminaires



Philips Lighting, North America Corporation
200 Franklin Square Drive, Somerset, NJ 08873
Tel. 855-486-2216

Philips Lighting Canada Ltd.
281 Hillmount Rd, Markham, ON, Canada L6C 2S3
Tel. 800-668-9008