

Type No. _____

Catalog No. _____

Job. Name _____

ELA MasterColor Elite HID Series

Element Acrylic High Bay, 210-315W HID

APPLICATIONS

- Applications include large and small retail facilities, lobbies, conference rooms, auditoriums and other commercial and light industrial spaces.

CONSTRUCTION

- A cylindrical ballast housing features a tool-less wiring access door for simple installation and maintenance. Single baffle is standard. Dual or Tri-Baffle option may be specified. Ballast housing has an Ultra-Clad polyester powder coating, electrostatically applied and oven cured. Standard colors and five new metallic finishes available. Custom RAL colors may be specified. Custom designed multi-color luminaire may be specified.

OPTICS

- The UV stabilized prismatic reflective refractor adds an uplight component to give fill light on ceiling surfaces, improving the quality of the lighting environment. The ELA MasterColor Elite HID series is available as an enclosed unit in three sizes in all wattages. A refractive lower lens allows relamping. 19" units have a conical lower lens. 22" units may be specified with either a conical or dropped lens. 25" units have a dropped lens.

ELECTRICAL

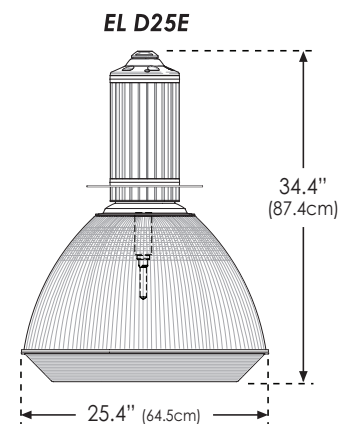
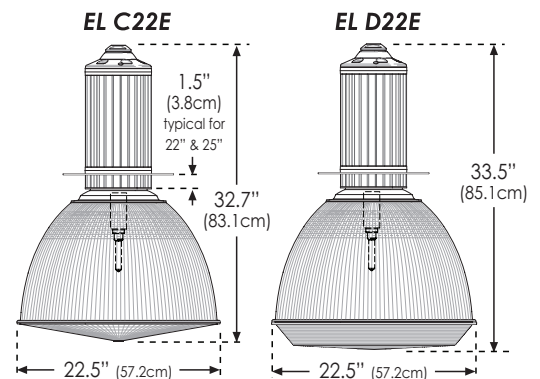
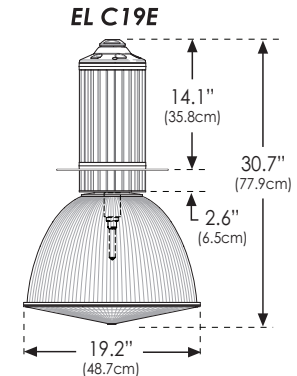
- The BL option provides Bi-Level (Hi / Low) dimming to 50% power. The AD option provides Analog (full range) dimming to 50% power. Both ballasts include built-in end of life, 60,000 hour life and overheating protections as well as open and short circuit lamp protections. MasterColor Elite (210W / 315W) systems are suitable for operation in an ambient temperature range of -30°C (-22°F) to 40°C (104°F). The digitally microprocessor-controlled ignitor in the MasterColor Elite ballast gear virtually eliminates lamp electrode wear and arctube wall blackening. Open rated lamps required.

MOUNTING

- Standard pendant mounting features a cast aluminum nut and hub to provide quick, positive mounting to 3/4" NPT or NPSM conduit.

WARRANTY/LISTINGS

- Standard 3 Year Limited Warranty. UL/cUL Listed luminaire, UL 1598, 40°C (104°F) rated, suitable for damp locations. The quality systems of this facility have been Registered by UL to the ISO 9000 Series Standards.




See Page 2 for Ordering Information

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Element Acrylic High Bay
22" enclosed, conical lens,
standard single baffle



Series/Source-Wattage	Optics	E ballast Voltage - Optional Dimming
Pulse Start Metal Halide <input type="checkbox"/> ELP-210 <input type="checkbox"/> ELP-315 	Reflector / Lens <input type="checkbox"/> C19E 19" Acrylic prismatic reflector with Conical refractive lens <input type="checkbox"/> C22E 22" Acrylic prismatic reflector with Conical refractive lens <input type="checkbox"/> D22E 22" Acrylic prismatic reflector with Drop refractive lens <input type="checkbox"/> D25E 22" Acrylic prismatic reflector with Drop refractive lens	Standard non-dimming electronic ballast voltage <input type="checkbox"/> 208E <input type="checkbox"/> 240E <input type="checkbox"/> 277E <div>210 / 315W Advance e-Vision system ballast (for 210 and 315 watt systems)</div> <hr/> Optional Dimming Ballast: <i>Requires 0-10V low voltage wiring.</i> <i>Leave blank to specify standard non-dimming ballast.</i> <input type="checkbox"/> BL Bi-Level (Hi / Low) dimming to 50% power <input type="checkbox"/> AD Analog (full range 0-50) dimming to 50% power

Distribution Guide and Ballast Data ⁽²⁾

Wattage	Available Optics	Lamp / Socket ⁽³⁾	Ballast	Initial Lamp Lumens	Lumens per Watt	Rated Life (hrs)	Line Current 208 / 240 / 277	Line Watts
PSMH 210	C19E C22E D22E D25E	CDM Elite MW 210/T9/930/U/O open rated lamp PGZ18 socket	IZH210315RLF	23,100	110	20,000	1.20 / 1.00 / 0.82	227
PSMH 315	C19E C22E D22E D25E	CDM Elite MW 315/T9/930/U/O open rated lamp PGZ18 socket	IZH210315RLF	36,200	115	20,000	1.80 / 1.54 / 1.30	341

Notes

1) Philips MasterColor Elite lighting system:
210W or 315W open rated lamp with Advance e-Vision ballast.

2) Photometry available online. IES file names reflect catalog logic.

3) 210W / 315W CDM Elite MW open rated lamps: (T9 clear) with a PGZ18 lamp base and socket. Color Rendering: CRI = 90. Color Temperature: CCT = 3000K.
To specify 4200K open rated lamps:

210W: CDM Elite MW 210/T9/942/U/O (rated life is 20,000 hours)
315W: CDM Elite MW 315/T9/942/U/O (rated life is 20,000 hours)

ELA MasterColor Elite HID Series

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Standard colors



- ☐ **WHT**
Smooth White
(Default ballast
finish if color is
not specified.)



- ☐ **TBK**
Textured
Black



- ☐ **TSA**
Textured
Satin
Aluminum



- ☐ **TGR**
Textured
Gray



- ☐ **TDB**
Textured
Dark
Bronze



- ☐ **TGN**
Textured
Green

Decorator colors



- ☐ **PRL**
Pearl
Metallic



- ☐ **PWT**
Pewter
Metallic



- ☐ **CRL**
Charcoal
Metallic



- ☐ **BGE**
Beige
Metallic



- ☐ **TER**
Terra
Metallic

**RAL color may also
be specified.**

☐ **RAL(X)**

X = Custom RAL
color number
Consult factory

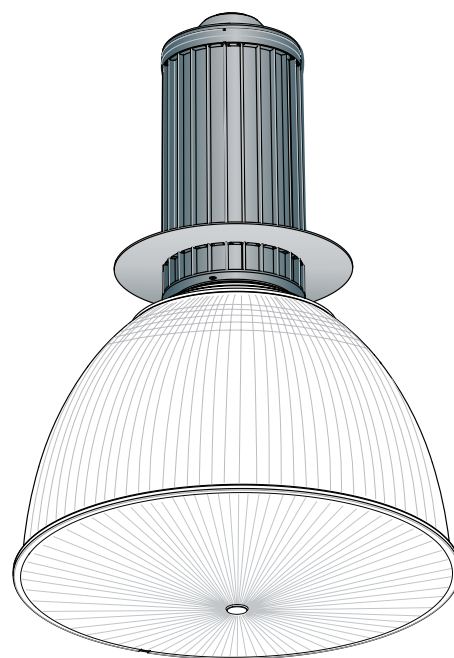
Custom Multi-color Luminaire

Defined by Custom Submittal Drawing
available on website Consult factory for
assistance.

☐ **MC(XXX)** = Custom Multi-Color

Simple two-color Element Custom
Multi-Color Luminaire Example:

Decorator colors Charcoal Metallic and
Pewter Metallic are shown.



First, specify overall custom ballast color.

Lens trim color on enclosed units is
typically the same as ballast color, but
may be specified to match baffle if
desired.

Second, specify contrasting baffle color.

Single Baffle is standard.

The baffles in a Dual Baffle or Tri-Baffle
option are typically specified as the same
contrasting color on a Custom Multi-Color
unit.

However, any combination of colors may
be specified as defined by the Custom
Submittal Drawing.

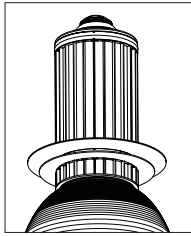
ELA MasterColor Elite HID Series

Element Acrylic High Bay, 210-315W HID

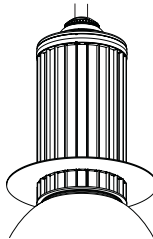
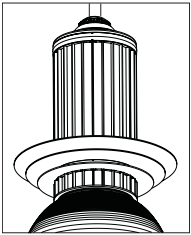
Options (Factory Installed)

Decorative Baffle Options

- ☐ **BD**
Dual Baffle



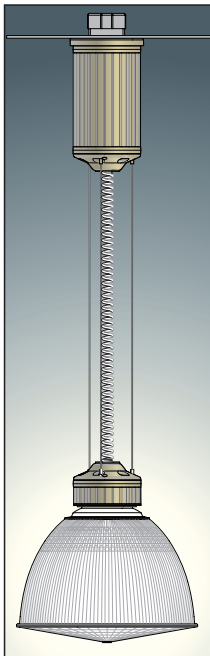
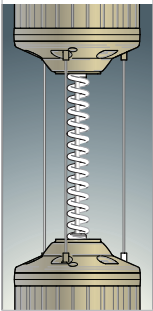
- ☐ **BT**
Tri-Baffle



Note:
Single Baffle is standard.

Decorative Remote Ballast Mounting

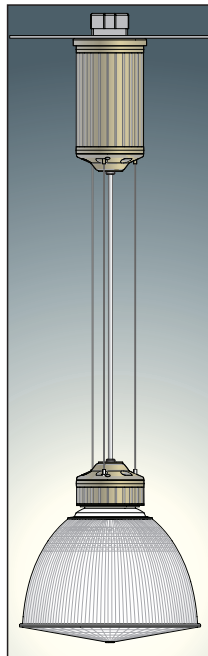
Note: Dimming or Non-Dimming units with LQ1 option require both a central straight cord as well as a coil cord.



dimming or non-dimming without LQ1

- ☐ **RC(X)**
Remote Ballast, Suspended Cable Mount Luminaire with single Coil Cord

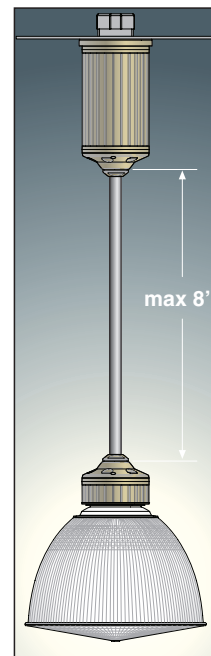
(X) = Cord length in feet: 3, 6 or 8 (max)



dimming or non-dimming without LQ1

- ☐ **RS(X)**
Remote Ballast, Suspended Cable Mount Luminaire with single Straight Cord

(X) = Cord length in feet: 3, 6 or 8 (max)



dimming or non-dimming with CSR or LQ1

- ☐ **RP(X)**
Remote Ballast, Pendant Mount Luminaire mounted to 3/4" NPT rigid conduit

(X) = Pendant length in feet: 3, 6 or 8

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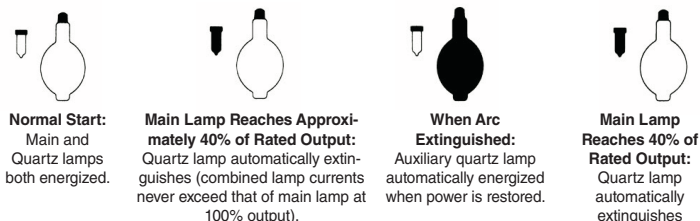
Auxiliary / Emergency Lighting

- ☐ **CSR** Hot Quartz Restrike using Current Sensing Relay (Extinguishes auxiliary lamp when main arc strikes.)
- ☐ **LQ1** Separately Wired (120V) Hot / Cold Quartz Restrike
Externally controlled emergency lighting from a separate power source. To ensure integrity of the emergency lighting system, LQ1 leads should be hardwired.

Suitability of specifying emergency lighting (LQ1) with (5-wire) cord and plug is the determination of the user.

LQ1 is not available with single cord CC or CS option.

LiteMatic Operation



Ballast Fusing

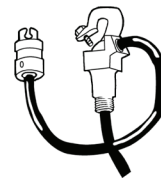
- ☐ **F1** Single Fuse, 277V
- ☐ **F2** Double Fuse, 208 / 240V

Alternate Mounting

- ☐ **HCP-(X)C-L(Y)20P** = Hook, Cord and Plug, 3-Wire
(X) = Cord length in feet: 3, 6 or 10
(Y) = 3-Wire NEMA voltage code:
6 = 208/240V, 7 = 277V
- ☐ **HCP-(X)C-L2320P** = Hook, Cord and Plug, 5-Wire
(X) = Cord length in feet: 3, 6 or 10
- ☐ **H4-HCP-L(Y)20P** = Pendant Power Hook, 3-Wire (300V) with HCP
(Y) = 3-Wire NEMA voltage code: 6 = 208/240V, 7 = 277V
- ☐ **H4-HCP-L2320P** = Pendant Power Hook, 5-Wire (600V) with HCP
- ☐ **LCP-(X)C-L(Y)20P** = Loop, Cord and Plug, 3-Wire
(X) = Cord length in feet: 3, 6 or 10
(Y) = 3-Wire NEMA voltage code:
6 = 208/240V, 7 = 277V
- ☐ **LCP-(X)C-L2320P** = Loop, Cord and Plug, 5-Wire
(X) = Cord length in feet: 3, 6 or 10
- ☐ **H5-LCP-L(Y)20P** = Power Hook, 3-Wire (300V) with LCP
(Y) = 3-Wire NEMA voltage code:
6 = 208/240V, 7 = 277V
- ☐ **H5-LCP-L2320P** = Power Hook, 5-Wire (600V) with LCP

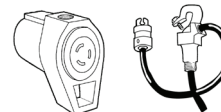
Unit is pre-wired with 3-conductor rubber jacketed cable and heavy duty (16/3) NEMA twist-lock plug, along with die-cast hook with locking screw. 20A standard.

When specified with LQ1, unit is pre-wired with 5-conductor rubber jacketed cable and heavy duty (16/5) NEMA twist-lock plug (L2320P), along with die-cast hook with locking screw. 20A standard.



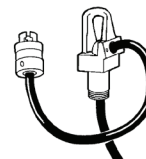
Pendant Mounted Power Hook with NEMA receptacle. Unit is pre-wired with Hook, Cord and Plug.

When specified with LQ1, Pendant Mounted Power Hook has an L2320R NEMA receptacle.



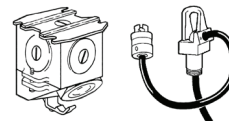
Unit is pre-wired with 3-conductor rubber jacketed cable and heavy duty (16/3) NEMA twist-lock plug, with die-cast loop. 20A standard.

When specified with LQ1, unit is pre-wired with 5-conductor rubber jacketed cable and heavy duty (16/5) NEMA twist-lock plug (L2320P), with die-cast loop. 20A standard.



Power Hook with thru-wire provision contains a NEMA receptacle. Unit is prewired with Loop, Cord and Plug.

When specified with LQ1, 5-Wire version is required.



Ballast Safety Cable

Not available on units with remote ballast option.

- ☐ **SC3** 3' Safety Cable
- ☐ **SC6** 6' Safety Cable
- ☐ **SC10** 10' Safety Cable

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Accessories (Field Installed - Shipped Separately)

Ballast Fusing

☐ **F1-Kit** Single Fuse, 277V

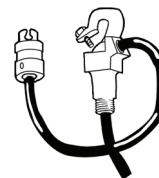
☐ **F2-Kit** Double Fuse, 208 / 240V

Alternate Mounting

- ☐ **HCP-(X)C-L(Y)20P** Hook, Cord and Plug, 3-Wire
(X) = Cord length in feet: 3, 6 or 10
(Y) = 3-Wire NEMA voltage code: 6=208/240V, 7=277V
- ☐ **HCP-(X)C-L2320P** Hook, Cord and Plug, 5-Wire
(X) = Cord length in feet: 3, 6 or 10

3-conductor rubber jacketed cable and heavy duty (16/3) NEMA twist-lock plug as specified, with die-cast hook with locking screw. 20A standard.

When specified for unit equipped with LQ1, 5-conductor rubber jacketed cable is required, which is wired to a heavy duty (16/5) NEMA twist-lock plug (L2320P), with die-cast hook with locking screw. 20A standard.



☐ **H4** Pendant Power Hook, 3-Wire

☐ **H4-5W** Pendant Power Hook, 5-Wire

Pendant Mounted Power Hook with NEMA receptacle as specified. Used with corresponding Hook, Cord and Plug.

When specified for unit equipped with LQ1, 5-wire version is required.

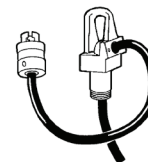


☐ **LCP-(X)C-L(Y)20P** Loop, Cord and Plug, 3-Wire
(X) = Cord length in feet: 3, 6 or 10
(Y) = 3-Wire NEMA voltage code: 6=208/240V, 7=277V

☐ **LCP-(X)C-L2320P** Loop, Cord and Plug, 5-Wire
(X) = Cord length in feet: 3, 6 or 10

3-conductor rubber jacketed cable and heavy duty (16/3) NEMA twist-lock plug as specified, with die-cast loop. 20A standard.

When specified for unit equipped with LQ1, 5-conductor rubber jacketed cable is required, which is wired to a heavy duty (16/5) NEMA twist-lock plug (L2320P), with die-cast loop. 20A standard.

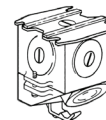


☐ **H5** Power Hook with thru-wire provision, 3-Wire

☐ **H5-5W** Power Hook with thru-wire provision, 5-Wire

Power Hook with thru-wire provision contains a NEMA receptacle. Used with corresponding Loop, Cord and Plug.

When specified for unit equipped with LQ1, 5-Wire version is required.



Mounting Extras

☐ **HM**

Hook Male



☐ **LM**

Loop Male



☐ **JA75** Joint Aligner

50 lb. maximum allowed.



☐ **SH75** Swivel Hanger

50 lb. maximum allowed if hung from junction box.



Notes

PT#: SP004A05



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PT#: SP004A0513

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