

Type No. _____

Catalog No. _____

Job. Name _____

ELA Compact Fluorescent Series

Element Acrylic High Bay, 1x26W - 4x42W CF

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 prismatic refractor of UV stabilized acrylic adds an uplight component to give fill light on ceiling surfaces, improving the quality of the lighting environment. The ELA series is available as either an open or enclosed unit in two sizes in all wattages. Enclosed units feature a refractive lower lens which allows relamping. 19" enclosed units have a conical lower lens. 22" enclosed units may be specified with either a conical or dropped lens.

ELECTRICAL

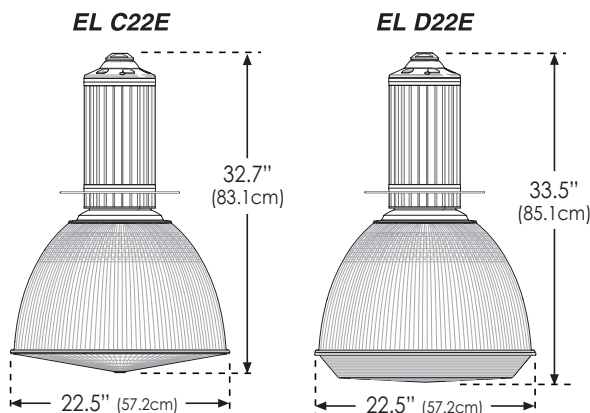
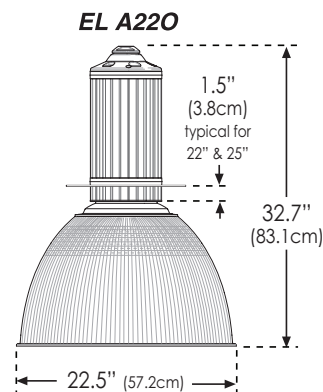
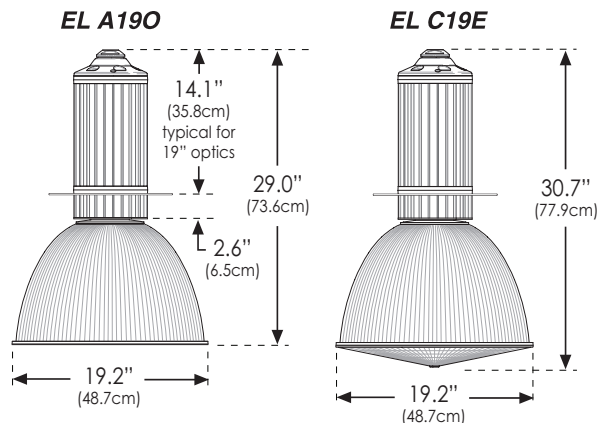
- Unit features a high power factor, high frequency (non-dimming) electronic ballast with reliable starting at temperatures as low as -30°C (-22°F). Total harmonic distortion is less than 10%. Full range dimming ballasts are optional. Starting temperatures are as low as 10°C (50°F), and THD varies. Dimming ballast is not available with EBB accessory. Unit may be specified with a standard dimming range to 5% lumen output. The Element Compact Fluorescent series utilizes amalgam-based compact fluorescent lamps and GX24q-4/5 sockets.

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

ELA Compact Fluorescent Series

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



Series	Optics	Voltage / E ballast / Dimming																														
Compact Fluorescent	<div><input type="checkbox"/> A19O = 19" Acrylic High Bay, Open</div> <div><input type="checkbox"/> C19E = 19" Acrylic High Bay, Enclosed, Conical lens</div> <div><input type="checkbox"/> A22O = 22" Acrylic High Bay, Open</div> <div><input type="checkbox"/> C22E = 22" Acrylic High Bay, Enclosed, Conical lens</div> <div><input type="checkbox"/> D22E = 22" Acrylic High Bay, Enclosed, Dropped lens</div>	<div>Voltage:<div><input type="checkbox"/> 120<input type="checkbox"/> 208<input type="checkbox"/> 240<input type="checkbox"/> 277</div></div> <div>Electronic ballast type:<div><input type="checkbox"/> E Electronic ballast (standard)<div><i>Alternately, a specific manufacturer's product may be selected. Consult factory.</i></div><div><input type="checkbox"/> E2 = Universal<input type="checkbox"/> E3 = Ace<input type="checkbox"/> E4 = Advance</div></div></div> <div><div><i>Ballast Ordering Examples:</i></div><table><tr><td><i>Standard non-dimming ballast:</i></td><td>120v</td><td>208v</td><td>240v</td><td>277v</td></tr><tr><td><i>E2, E3 or E4 non-dimming:</i></td><td></td><td></td><td></td><td></td></tr><tr><td><i>ballast manufacturer</i></td><td>120v</td><td>208v</td><td>240v</td><td>277v</td></tr><tr><td>Universal</td><td>120E2</td><td>208E2</td><td>240E2</td><td>277E2</td></tr><tr><td>Ace</td><td>120E3</td><td>208E3</td><td>240E3</td><td>277E3</td></tr><tr><td>Advance</td><td>120E4</td><td>208E4</td><td>240E4</td><td>277E4</td></tr></table></div> <div><div>Dimming:<div><i>Optional dimming ballast's range is down to 5% lumen output. Leave blank to specify non-dimming ballast.</i><div><i>May not be combined with EBB (Emergency Battery Backup).</i></div><div><input type="checkbox"/> AD = Analog dimming (<i>E4 ballasts only</i>)</div></div></div></div>	<i>Standard non-dimming ballast:</i>	120v	208v	240v	277v	<i>E2, E3 or E4 non-dimming:</i>					<i>ballast manufacturer</i>	120v	208v	240v	277v	Universal	120E2	208E2	240E2	277E2	Ace	120E3	208E3	240E3	277E3	Advance	120E4	208E4	240E4	277E4
<i>Standard non-dimming ballast:</i>	120v	208v	240v	277v																												
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Ace	120E3	208E3	240E3	277E3																												
Advance	120E4	208E4	240E4	277E4																												

Distribution Guide and Ballast Data

Wattage	Optics Dia.	lamping	ies ⁽¹⁾ File Name	Line Current 120 / 208 / 240 / 277	Line Watts
CF 126	19" 22"	1 x 26W	elcf12619*.ies elcf12622*.ies	0.26 / 0.19 / 0.14 / 0.10	30
CF 226	19" 22"	2 x 26W	elcf22619*.ies elcf22622*.ies	0.46 / 0.31 / 0.25 / 0.19	56
CF 426	19" 22"	4 x 26W	elcf42619*.ies elcf42622*.ies	0.92 / 0.62 / 0.50 / 0.38	112
CF 132	19" 22"	1 x 32W	elcf13219*.ies elcf13222*.ies	0.27 / 0.17 / 0.14 / 0.12	33
CF 232	19" 22"	2 x 32W	elcf23219*.ies elcf23222*.ies	0.52 / 0.34 / 0.27 / 0.22	64
CF 432	19" 22"	4 x 32W	elcf43219*.ies elcf43222*.ies	1.04 / 0.68 / 0.54 / 0.44	128
CF 142	19" 22"	1 x 42W	elcf14219*.ies elcf14222*.ies	0.35 / 0.23 / 0.18 / 0.18	43
CF 242	19" 22"	2 x 42W	elcf24219*.ies elcf24222*.ies	0.74 / 0.46 / 0.36 / 0.31	84
CF 442	19" 22"	4 x 42W	elcf44219*.ies elcf44222*.ies	1.48 / 0.92 / 0.72 / 0.62	168

Notes

1) In the ies file, "elcf" denotes element, compact fluorescent.

Wattage abbreviations:

126 = 26W (single lamp),
226 = 2 x 26W (twin lamp),
426 = 4 x 26W (quad lamp),
132 = 32W (single lamp),
232 = 2 x 32W (twin lamp),
432 = 4 x 32W (quad lamp),
142 = 42W (single lamp),
242 = 2 x 42W (twin lamp),
442 = 4 x 42W (quad lamp).

Optics abbreviations:

(Replace * with o, c, or d)

19o = 19" open,
19c = 19" with conical lens,
22o = 22" open,
22c = 22" with conical lens,
22d = 22" with dropped lens.

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Specifications are subject to change without notice.

www.philips.com/luminaires

PT#: SP002A0513

ELA Compact Fluorescent Series

Element Acrylic High Bay, 1x26W - 4x42W CF

Standard colors



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

- ☐ **TWHT**
Textured
White



- ☐ **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

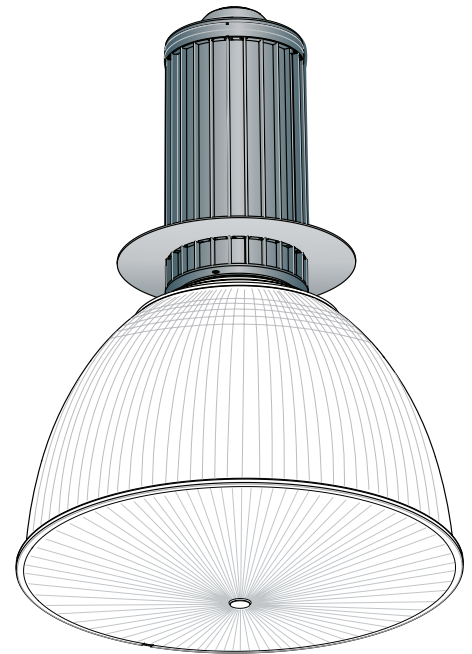
Custom Multi-color Luminaire

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.

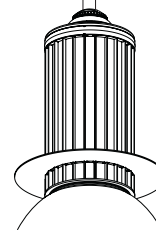
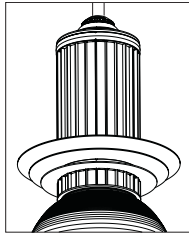
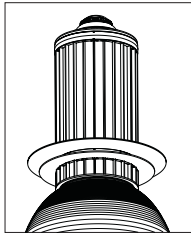
ELA Compact Fluorescent Series

Element Acrylic High Bay, 1x26W - 4x42W CF

Options (Factory Installed)

Decorative Baffle Options

- ☐ **BD**
Dual Baffle
- ☐ **BT**
Tri-Baffle



Note:
Single Baffle is standard.

Decorative Suspended Cable Mounting For Non-Dimming units

- ☐ **CC(X)**
Suspended Cable Mount Luminaire with single
Coil Cord
 - ☐ **CS(X)**
Suspended Cable Mount Luminaire with single
Straight Cord
- (X) = Cord length in feet: 3, 6 or 8

For Dimming units

When Element luminaires with dimming capabilities are specified with a suspended cable mount option, the use of both the straight and coil cords is required. A central straight cable carries the low voltage dimming leads to the ballast and a coil cord supplies ballast and lamp power. Upper mounting plate detail at right shows the luminaire suspension cables and the straight and coil cord combination.

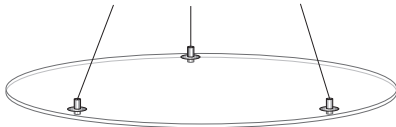


Decorative Suspended Cable Mount Lower Lens

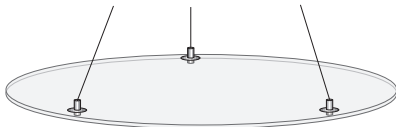
Lens size dependent on optics.	Optics	Lens Diameter	Hole Diameter
	Nominal Diameter		
	19" and below	24.0" (60.96cm)	9.5" (24.13cm)
	22" and above	32.0" (81.28cm)	13.5" (34.29cm)

Solid Suspended Glass Lens:

- ☐ **L1C**
Solid suspended
Clear glass lens



- ☐ **L1D**
Solid suspended
Diffuse glass lens



Note:
The suspended
lens option is
shown with
Metal over Glass
optics (ELMG).



Suspended lens options are only available for
ELA CF units with open optics.

detail:
lens
suspend
fitting and
cable
connection
at baffle

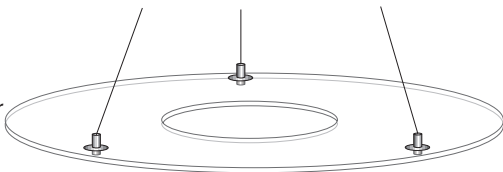


detail:
lens
suspend
fitting and
cable
connection
at lens

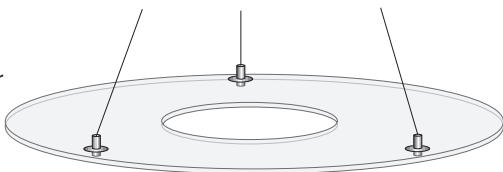


Suspended Lens with center opening:

- ☐ **L2C**
Suspended
Clear glass
lens with center
opening



- ☐ **L2D**
Suspended
Diffuse glass
lens with center
opening



Silkscreened Clear Suspended Lens:

- ☐ **L1S** = Silkscreened clear glass lens
- ☐ **L2S** = Silkscreened clear glass lens with center opening

Consult factory.

May be specified by ink color, dot pattern, or by
client determined logo art or design.

ELA Compact Fluorescent Series

Element Acrylic High Bay, 1x26W - 4x42W CF

Ballast Fusing

☐ **F1** = Single Fuse, 120 / 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: 5=120V, 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: 5=120V, 6=208/240V, 7=277V

- ☐ **H4-HCP-L2320P** = Pendant Power Hook, 5-Wire (600V) with HCP

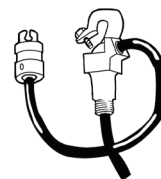
- ☐ **LCP-(X)C-L(Y)20P** = Loop, Cord and Plug, 3-Wire
(X) = Cord length in feet: 3, 6 or 10
(Y) = 3-Wire NEMA voltage code: 5=120V, 6=208/240V, 7=277V

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

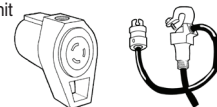
- ☐ **H5-LCP-L(Y)20P** = Power Hook, 3-Wire (300V) with LCP
(Y) = 3-Wire NEMA voltage code: 5=120V, 6=208/240V, 7=277V

- ☐ **H5-LCP-L2320P** = Power Hook, 5-Wire (600V) with LCP

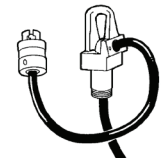
Unit is pre-wired with 3-conductor rubber jacketed cable and heavy duty (16/3) NEMA twist-lock plug, along with die-cast hook with locking screw. 20A standard.



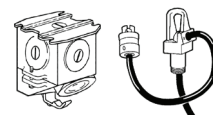
Pendant Mounted Power Hook with NEMA receptacle. Unit is pre-wired with Hook, Cord and Plug.



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.



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



Ballast Safety Cable

Not available on units with suspended cable option.

☐ **SC3**
3' Safety Cable

☐ **SC6**
6' Safety Cable

☐ **SC10**
10' Safety Cable

Accessories (Field Installed - Shipped Separately)

Ballast Fusing

☐ **F1-Kit** = Single Fuse, 120 / 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: 5=120V, 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** = Pendant Power Hook, 3-Wire

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

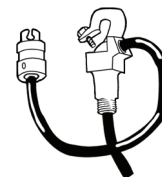
- ☐ **LCP-(X)C-L(Y)20P** = Loop, Cord and Plug, 3-Wire
(X) = Cord length in feet: 3, 6 or 10
(Y) = 3-Wire NEMA voltage code: 5=120V, 6=208/240V, 7=277V

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

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

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

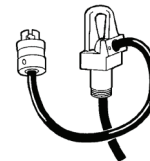
3-conductor rubber jacketed cable and heavy duty (16/3) NEMA twist-lock plug as specified, with die-cast hook with locking screw. 20A standard.



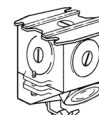
Pendant Mounted Power Hook with NEMA receptacle as specified. Used with corresponding Hook, Cord and Plug.



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



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



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.



ELA Compact Fluorescent Series

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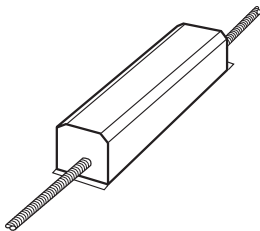
☐ **LMP(XX)** (standard)

41 = 41K (4100K Lamp)⁽¹⁾
 35 = 35K (3500K Lamp)
 30 = 30K (3000K Lamp)
 27 = 27K (2700K Lamp)

CF Lamps shipped separately.
 (1) If lamp Color Temperature is not specified with this option, ELA CF unit is shipped with 41K lamps.

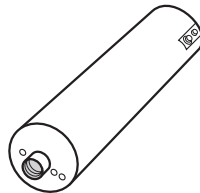
Note: EBB accessories may not be combined with units with Dimming Ballasts

Emergency Battery Backup type	-	lumen package - (voltage) - test switch type
<input type="checkbox"/> EBB remote mount, dry location (standard)		<input type="checkbox"/> 750-120-MT 750 lumens, 120V, manual test switch
<input type="checkbox"/> EBB-DL remote mount, damp location option		<input type="checkbox"/> 750-277-MT 750 lumens, 277V, manual test switch
<input type="checkbox"/> EBBP pendant mount, dry location only		<input type="checkbox"/> 1000-120-MT 1000 lumens, 120V, manual test switch
<input type="checkbox"/> EBBS surface mount, dry location only		<input type="checkbox"/> 1000-277-MT 1000 lumens, 277V, manual test switch
		<input type="checkbox"/> 1000-120-ST 1000 lumens, 120V, self test switch
		<input type="checkbox"/> 1000-277-ST 1000 lumens, 277V, self test switch



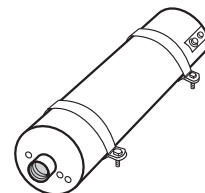
EBB or EBB-DL

Fixture is supplied with remotely mounted emergency battery backup. Includes ballast housing, two 24" sections of 3/8" flex conduit, charging indicator light, and test switch. Mounting dimensions dependant upon ballast type. Consult factory.



EBBP

Fixture is supplied with emergency battery backup in a decorative aluminum housing for pendant mount to 3/4" NPT rigid conduit (by others). White finish standard. Includes charging indicator light, and test switch which may be remote mounted. Mounting dimensions dependant upon ballast type. Consult factory.



EBBS

Fixture is supplied with emergency battery backup in a decorative aluminum housing with surface mounting brackets. Requires a minimum of 28" of 3/4" flex conduit each side (by others). White finish standard. Includes charging indicator light, and test switch which may be remote mounted. Mounting dimensions dependant upon ballast type. Consult factory.

Notes



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