

## DESCRIPTION

The BC Series is an energy efficient luminaire designed for versatility in application and performance. The BC Series features an opal white acrylic refractor that produces a 180° uniform light distribution pattern.

The versatile BC Series combines quality and economy in a multi-purpose wall bracket. The luminaire is perfect for illuminating corridors, stairwells, lavatories, dressing rooms, patient rooms, utility/task and area lighting.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## SPECIFICATION FEATURES

### Construction

Housing channel die formed code gauge prime cold rolled steel. Sturdy positive lampholder mounting bracket. Reflector/channel wireway cover secured by quarter-turn fastener for easy wireway access. Channel back has numerous KO's for easy installation. Decorative white opaque injection molded end plates.

### Electrical

Ballast are CBM/ETL Class "P" and positively secured by mounting bolts. Pressure lock lampholders. UL/CUL listed. Suitable for damp locations.

### Finish

Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Painted after fabrication.

### Frame/Shielding

Smooth opal 100% virgin acrylic refractor. 180° uniform light distribution (Uplight, Frontal & Downlight). Refractor is securely held in place by removable decorative injection molded white end plates. Refractor can be easily removed for installation and maintenance.

### Compliance

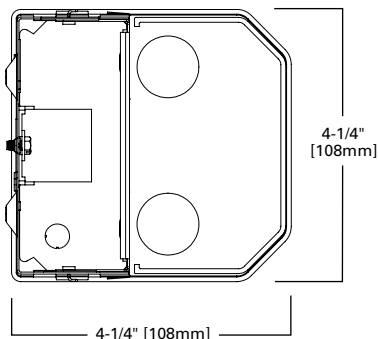
Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements. Options to meet Trade Agreements Act requirements.



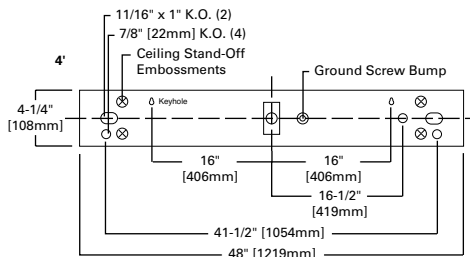
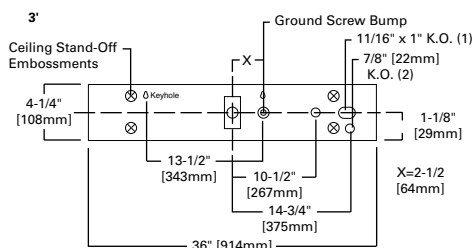
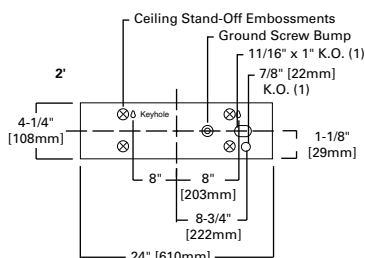
**BC**  
117, 125, 132  
217, 225, 232

2', 3' OR 4' WALL BRACKET  
1 OR 2 LAMP

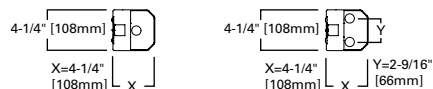
All Purpose Wall Bracket



## MOUNTING DATA



## LAMP CONFIGURATIONS



## ENERGY DATA

Input Watts:  
**EB Ballast & STD Lamps**  
117 (20), 125 (28), 132 (30), 217 (36),  
225 (47), 232 (61)

**ES Ballast & STD Lamps**  
117 (23), 125 (33), 132 (30), 217 (45),  
225 (65), 232 (71)

Luminaire Efficacy Rating

LER = FL-65

Catalog Number: BC-232A

Yearly Cost of 1000 lumens,  
3000 hrs at .08 KWH = \$3.69

LAMPS CONTAIN MERCURY. DISPOSE ACCORDING  
TO LOCAL, STATE OR FEDERAL LAWS

**LINEAR DISCONNECT**

Safe and convenient means of  
disconnecting power.



**PHOTOMETRICS**

Energy Saving Ballast, F32T8/35K lamps rated at 2850 lumens.  
 Spacing criterion: (II) 1.3 x mounting heights, (L) 1.5 x mounting height.

Light Loss Factor .74. For complete photometric report BC232A.IES

**BC-232A**

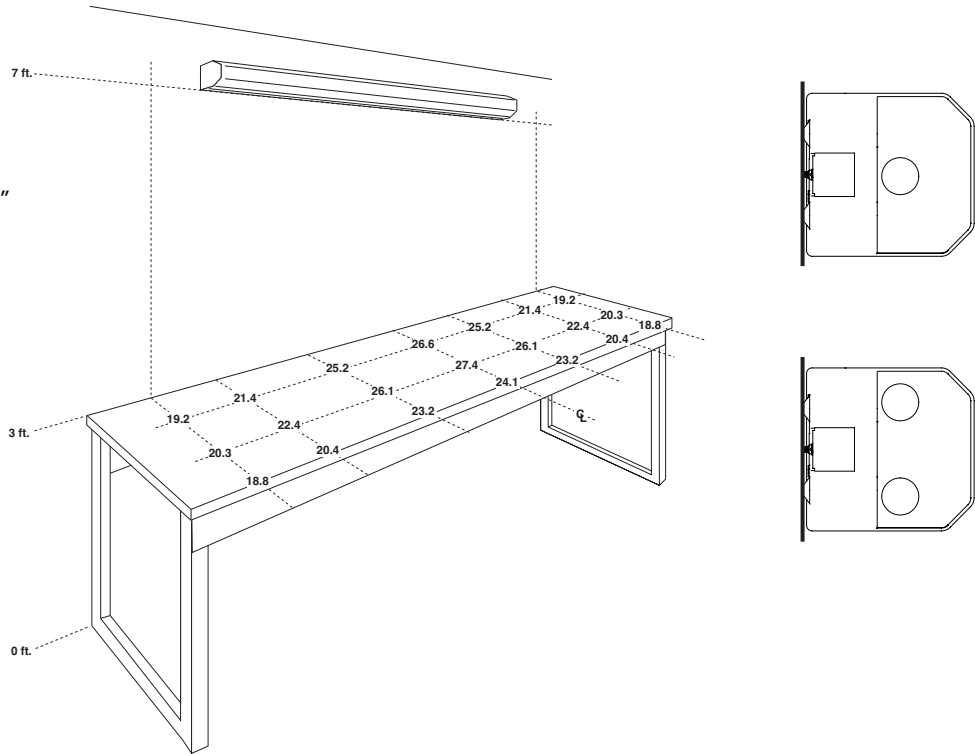
(II)Lamps (2) F32T8/35K  
 Lumens 2850 Each

**Conditions**

Ceiling Height 8'-0"  
 Mounting Height 7'-43/64"  
 Work Plane 12'-0"

**Reflectance**

Ceiling 80%  
 Walls 50%  
 Floor 20%



Scale is Exaggerated on Fixture Application and Mounting

**ORDERING INFORMATION**

SAMPLE NUMBER: BC-232A-120V-EB81-U

<p><b>Domestic Preferences</b> <sup>(3)</sup>                  [Blank]=Standard                  TAA=Trade Agreements Act</p> <p><b>Series BC</b>=All Purpose Wall Bracket</p> <p><b>Number of Lamps</b>                  1=Lamp (Not Included)                  2=Lamps (Not Included)</p> <p><b>Wattage</b>                  17=17W T8 (24")                  25=25W T8 (36")                  32=32W T8 (48")</p>	<p><b>Voltage</b> <sup>(1)</sup>                  120V=120 Volt                  277V=277 Volt                  347V=347 Volt                  UNV=Universal Voltage 120-277 <sup>(2)</sup></p> <p><b>Options</b>                  GL=Single Element Fuse                  GM=Double Element Fuse                  EL=Emergency Installed</p>	<p><b>Ballast Type</b> <sup>(1)</sup>                  EB8_ = T8 Electronic Instant Start.                  Total Harmonic Distortion &lt; 10%                  No. of Ballast                  1, 2 or 3</p> <p>EB8_/PLUS= T8 Electronic Instant Start.                  High Ballast Factor &gt;1.13.                  Total Harmonic Distortion &lt; 20%                  No. of Ballast                  1, 2 or 3</p> <p>ER8_ = T8 Electronic Program Rapid Start.                  Total Harmonic Distortion &lt; 10%                  No. of Ballast                  1, 2 or 3</p>	<p><b>Packaging</b>                  U=Unit Pack</p> <p><b>Options</b> <sup>(4)</sup>                  CO=Convenience Outlet (120V only)                  PS1=Pull Switch (1 Circuit)</p>
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NOTES: <sup>(1)</sup> Products also available in non-US voltages and frequencies for international markets. <sup>(2)</sup> Not available when specifying emergencies, voltage must be specific. <sup>(3)</sup> Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. <sup>(4)</sup> Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions representative for availability and ordering information.

**SHIPPING DATA**

Catalog No.	Wt.
BC-117	8 lbs.
BC-125	10 lbs.
BC-132	11 lbs.
BC-217	8 lbs.
BC-225	10 lbs.
BC-232	11 lbs.