

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.

| Catalog # | Type | |
|-------------|------|--|
| Project | | |
| Comments | Date | |
| Prepared by | | |

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

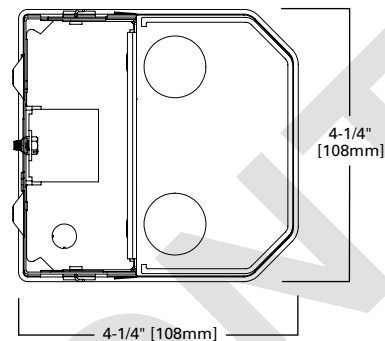
Multistage, iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Painted after fabrication.

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.



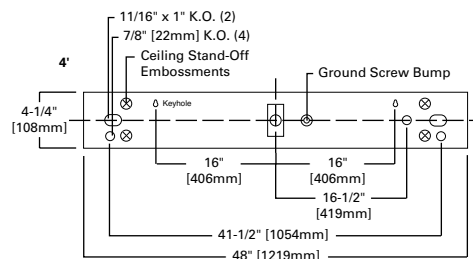
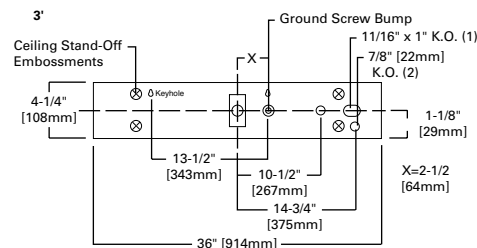
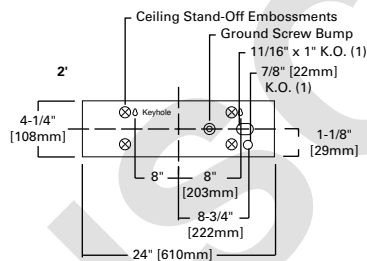
BC
117, 125, 132
217, 225, 232

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

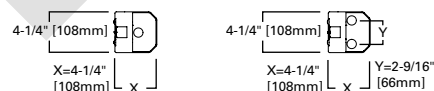
All Purpose Wall Bracket



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, (⊥) 1.5 x mounting height.

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

BC-232A

(II)Lamps (2) F32T8/35K

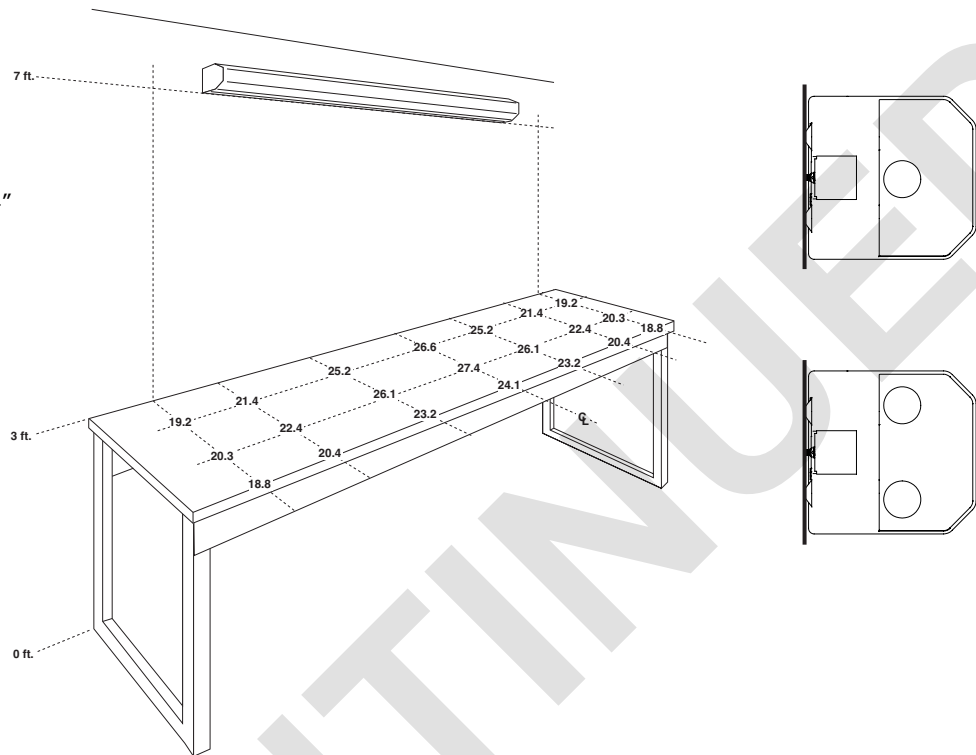
Lumens 2850 Each

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

Domestic Preferences ⁽³⁾
[Blank]=Standard
TAA=Trade Agreements Act

Series BC=All Purpose Wall Bracket

Number of Lamps
1=Lamp (Not Included)
2=Lamps (Not Included)

Wattage
17=17W T8 (24")
25=25W T8 (36")
32=32W T8 (48")

Voltage ⁽¹⁾
120V=120 Volt
277V=277 Volt
347V=347 Volt
UNV=Universal Voltage 120-277 ⁽²⁾

Options
GL=Single Element Fuse
GM=Double Element Fuse
EL=Emergency Installed

Ballast Type ⁽¹⁾
EB8 = T8 Electronic Instant Start.
Total Harmonic Distortion < 10%
No. of Ballast
1, 2 or 3
EB8 /PLUS= T8 Electronic Instant Start.
High Ballast Factor >1.13.
Total Harmonic Distortion < 20%
No. of Ballast
1, 2 or 3
ER8 = T8 Electronic Program Rapid Start.
Total Harmonic Distortion < 10%
No. of Ballast
1, 2 or 3

Packaging
U=Unit Pack

Options ⁽⁴⁾
CO=Convenience Outlet (120V only)
PS1=Pull Switch (1 Circuit)

NOTES: ⁽¹⁾ Products also available in non-US voltages and frequencies for international markets. ⁽²⁾ Not available when specifying emergencies, voltage must be specific. ⁽³⁾ 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. ⁽⁴⁾ 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. |