

DESCRIPTION

The BI Series fills the need for a very low brightness wall bracket. This specification grade wall bracket with an injection molded refractor produces effective up, down or combination lighting. This energy efficient luminaire offers up lighting, multi-level switching and convenience outlets as options. These design features ensure that the BI Series will offer ease of use and comfort.

APPLICATION

The BI Series features specification efficiency in a low profile wall bracket. The Series is an excellent choice for dressing rooms, lavatories, hospital and nursing homes, stairways and task lighting.

SPECIFICATION FEATURES

A... Construction

Housing die formed code gauge cold rolled steel. Channel cover secured by quarter-turn fasteners for easy wiring. Up, down or combination lighting with 3 and 4 foot fixtures. Decorative opaque injection molded end plates.

B... Electrical

Ballast are CBM/ETL Class "P" and positively secured by mounting bolts. Pressure lock lampholders. UL listed, CSA certified and IBEW labeled.** Specify "CAN" prefix to catalog number for CSA certification.

C... Finish

Painted after fabrication. Electrostatically applied baked white polyester powder enamel finish. Multistage cleaning cycle, iron phosphate coating with rust inhibitor. Conveyorized application and baking timing accurately controlled at an elevated temperature.

D... Frame/Shielding

Injection molded 100% virgin acrylic diffuser and end cap. Quadrasided diffuser prism shapes accurately molded for optimum light brightness control. Diffuser slides forward for easy installation and maintenance. Uplight diffuser prismatic acrylic.

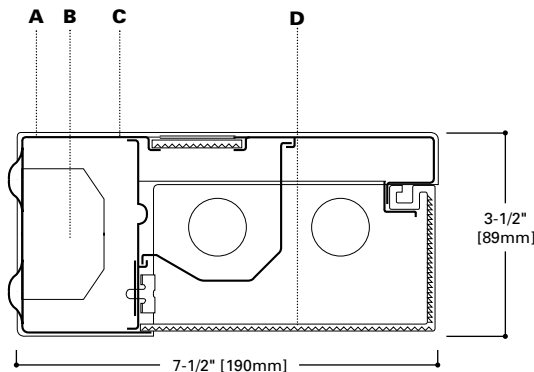


BI, BIU120
 117
 130
 125
 140
 132
 220
 217
 230
 225
 240
 232

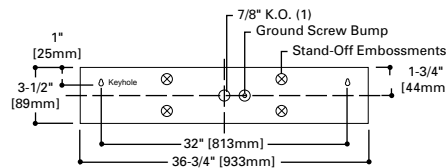
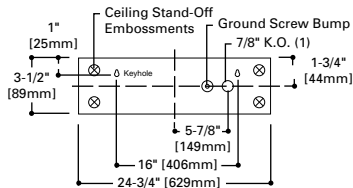
STEEL WALL BRACKET

2' Wall Bracket
 1 or 2 Lamp LTS or HTS

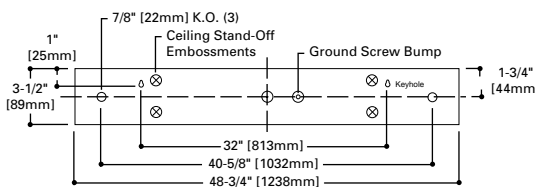
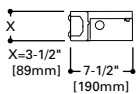
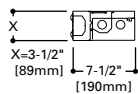
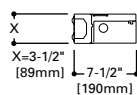
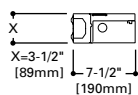
3' or 4' Wall Bracket
 1 or 2 Lamp



MOUNTING DATA



LAMP CONFIGURATIONS



ENERGY DATA

Input Watts:

EB Ballast & STD Lamps

- 117 (20)
- 130 (31)
- 125 (28)
- 140 (38)
- 132 (30)
- 217 (36)
- 230 (60)
- 225 (47)
- 240 (72)
- 232 (61)

ES Ballast & STD Lamps

- 120 (32)
- 117 (23)
- 130 (46)
- 125 (33)
- 140 (38)
- 132 (30)
- 220 (58)
- 217 (45)
- 230 (74)
- 225 (65)
- 240 (86)
- 232 (71)

Luminaire Efficacy Rating

LER = FL-67

Catalog Number: BI-232A

Yearly Cost of 1000 lumens,
 3000 hrs at .08 KWH = \$3.58

PHOTOMETRICS

Energy Saving Ballast, F32T8/35K lamps rated at 2850 lumens.
Spacing criterion: (||)1.6 x mounting height, (⊥)1.3 x mounting height.

Light Loss Factor .74. For complete photometric report request BI-232A report #113P103.

BI-232A

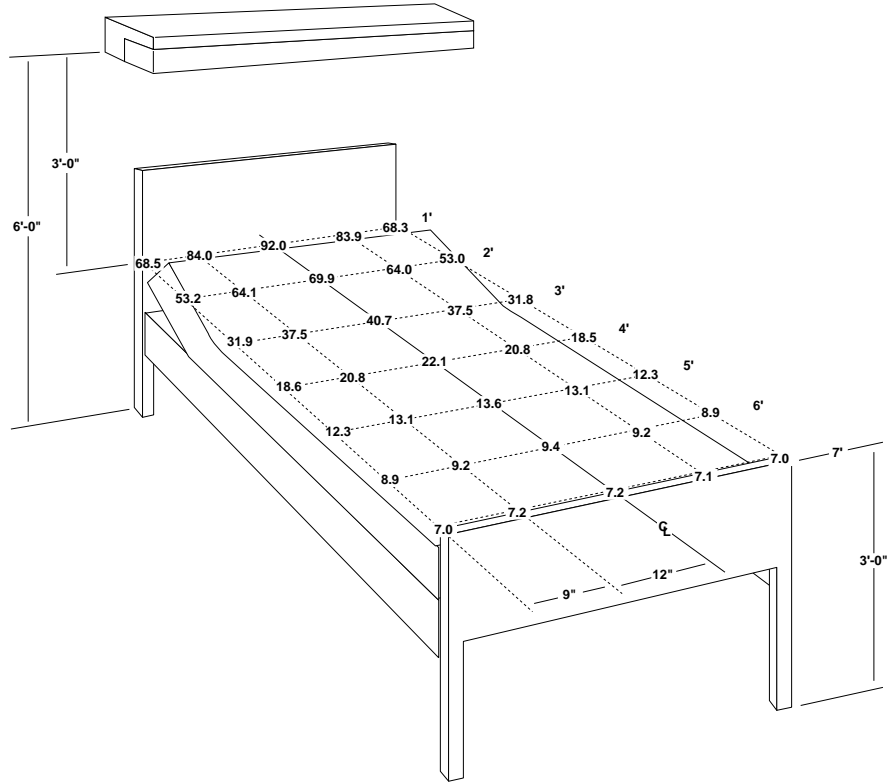
Lamps (2) F32T8/35K
Lumens 2850 Each

Conditions

Room Size 12' Width x 14' Length
Ceiling Height 9'-0"

Reflectance

Ceiling 80%
Walls 50%
Floor 20%



Scale is Exaggerated on Fixture Application and Mounting

ORDERING INFORMATION

SAMPLE NUMBER: BI-232A

	BI					Options (add as suffix)
CAN=Add "CAN" prefix for CSA certification.	Series Downlight Only	Number of Lamps 1 or 2 lamps (Not included)	Voltage LTS=Low Trigger Start (20 Watt) HTS=High Trigger Start (20 Watt)	Voltage 120=120V 277=277V Consult Pre Sales Technical Support	Ballast Type LE3= Energy Saving Ballast LEOC8= Energy Saving Ballast (T-8 Lamp Only) EB= Generic Electronic Ballast No. of Ballasts 1 or 2 Lamp Size 2=T12 8=T8 (For Specific Electronic Ballast Specify Brand and Catalog Number) Leave Blank for LTS and HTS Fixtures.	Options EL4=Emergency Battery Pack Factory Installed (Consult Pre Sales Technical Support) 2/1 LB=Two One-Lamp Ballasts (When RS4 or PS4 option is used) (Consult Pre Sales Technical Support) BH=Matte Black Finish (Lens Housing) CO=Convenience Outlet (120V only) RS1=Rotary SWitch, One circuit (120V only) PS1=Pull Switch, One circuit (120V only) RS1D=Rotary Switch, wired to the downlight circuit on a two circuit fixture (120V only) PS1D=Pull Switch, wired to the downlight circuit on a two circuit fixture (120V only) RS4=Four-way rotary switch, for two circuit, two lamp fixture (120V only) Consult Factory PS4=Four-way pull switch, for two circuit, two lamp fixture (120V only) (Consult Pre Sales Technical Support) PL5 or PL7=Fluorescent Night Light (5 or 7 Watt) Available in 1 lamp fixtures only INL=Incandescent Night Light (Available in 1-Lamp Fixtures Only. (Consult Pre Sales Technical Support)

SHIPPING INFORMATION

Catalog No.	Wt.
BI-117	8 lbs.
BI-125	11 lbs.
BI-132	14 lbs.
BIU-117	8 lbs.
BIU-125	11 lbs.
BIU-132	14 lbs.
BI-217	8 lbs.
BI-225	11 lbs.
BI-232	14 lbs.
BIU-217	8 lbs.
BIU-225	11 lbs.
BIU-232	14 lbs.

NOTE See option/accessories sections for additional detailed product data. Specifications and Dimensions subject to change without notice.

¹Includes the 2 One-Lamp Ballast Option.