

Broad

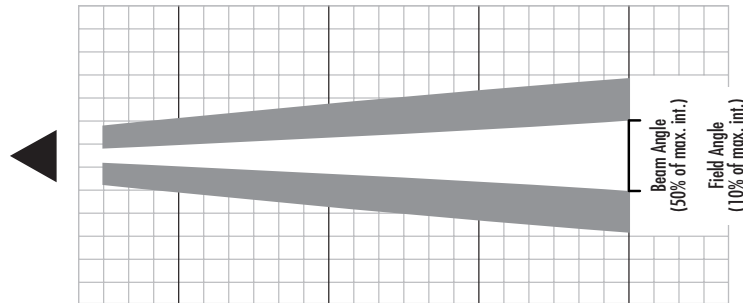


FEATURES

- “Quartz” lamps provide long life and constant light output
- Designed for continuous duty applications
- Wide variety of lamps for maximum flexibility
- For wide field, medium throw applications
- Heavy duty sockets provide improved cooling and lamp life
- All accessories secured with safety clip

Beam (Beam angle 60°x52°)

Illumination* (footcandles/lux)	176/1955	78/489	44/217	28/122
Diameter Beam: Field (feet/meters)	12/3.6	18/7.2	24/10.8	30/14.4
Distance (feet/meters)	10/3	15/6	20/9	25/12



Field (Field angle 102°)

Distance (feet/meters)	10/3	15/6	20/9	25/12
Diameter Beam: Field (feet/meters)	19/5.7	28.5/11.4	38/17.1	47.5/22.8
Illumination* (footcandles/lux)	176/1955	78/489	44/217	28/122

*All Illumination data is measured at beam center

PHOTOMETRIC PERFORMANCE

- Broad No. 104-031 lamp no. 176-022 ANSI Code FHM
- For field diameter at any distance, multiply that distance by 1.2 for beam and 1.9 for field
- For illumination at any distance, divide 17,600 by the distance squared
- Illumination with other lamps, multiply illumination by multiplying factor (mf) for particular lamp

Efficiency	% of Flood Lumens	Beam Candlepower
Beam	40%	17,600
Field	72%	

Broad

Leviton Mfg. Co., Inc. Lighting Management Systems

20497 SW Teton Avenue, Portland, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/lms
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PRODUCT DATA



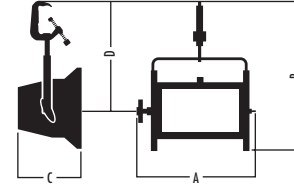
*Lamps for 220/240V application

Thorn, GEC K-9 300W, 220/240V. 2900°K, 2,000 hr.
 Thorn, GEC K-1 500W, 220/240V. 2900°K, 2,000 hr.
 OSRAM 64702 500W. 220/240V, 2900°K. 2,000 hr.
 Thorn P2-11 800W, 220/240V, 3200°K, 150 hr.
 Phillips 7786R 1,000W, 220/240V, 3200°K, 200 hr.

Phillips 12113R 300W, 220/240V. 2900°K, 2,000 hr.
 Phillips 7785R 500W, 220/240V, 2900°K. 2,000 hr.
 GEC P2-15 625W, 220/240V, 3200°K. 75 hr.
 Phillips 13477R 800W, 220/240V, 3200°K, 150 hr.
 OSRAM 64583 1,000W, 220/240V, 3200°K, 200 hr.

SPECIFICATIONS

- Housing shall be constructed of aluminum and sheet steel with grey and black enamel finish
- Optical Train recessed single contact double ended base tungsten halogen lamps, specular reflector, and easily accessible socket assembly for lamp replacement
- Socket assembly UL listed, steatite insulated, rated for 600 volts, 300 watts, 200°C continuous operation. Rated lamp seal temperatures shall not be exceeded.
- Performance with catalog number 176-022 (ANSI code FHM) lamp in spot focus, a 60° beam and a 87° field with 17,600 beam candlepower
- Mounting heavy steel yoke, malleable iron fits 5/8" stud or 1 1/8" female (stand model) or C-clamp for pipe up to 2" I.D. (hanging model) with 20 AMP connector as specified below.
- Stand model — 12'3" wire with parallel blade U-ground cap and in-line switch.
- Amperage 8.3 at 120V with 1000W lamp 3.6 at 220V with 800W lamp.



DIMENSIONAL DATA - IN. [CM] LBS. [KG]	
A	14.62 [32.68]
B	18.87 [48.2]
C	8 [20.3]
D	13.87 [35.2]
Weight	9.5 [4.3]

CAT. NO.	DESCRIPTION
000BR-50B	Single Broad with Bare Leads, Includes C-Clamp and 3' cord
000BR-22B	Single Broad with Stagepin Connector, Includes C-Clamp and 3' cord
000BR-42B	Single Broad with Nema 5-15p Edison (U-Ground), Includes C-Clamp and 3' cord
000BR-62B	Single Broad with Nema L5-20P Locking Connector, Includes C-Clamp and 3' cord
ACCESSORIES	
ABRBD-000	Four Leaf Barndoor, Broad
ABRCF-000	Color Frame, Broad
TAoSC-000	Safety Cable 30"
CTP-152-053	Compact Stand, 5/8" Stud (Castered)
LAMPS	
LoEJD-000	EJD 1000W 185V 3300K 100HR
LoFHM-000	FHM 1000W 120V 3200K 500HR
LoFDN-000	FDN 500W 120V 3200K 500HR
LoEMD-000	EMD 750W 120V 3200K 500HR
LoEME-000	EME 800W 220V 3200K 250HR

LEVITON SPECIFICATION SUBMITTAL	
JOB NAME:	CATALOG NUMBERS:
JOB NUMBER:	

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