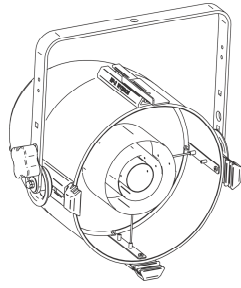


BP-2

Beam Luminaire



User Guide

Model 9500: BP-2 with Metal Reflector
Model 9520: BP-2 CDM with Metal Reflector

SAVE THESE INSTRUCTIONS

READ AND FOLLOW ALL OF THE FOLLOWING IMPORTANT SAFETY INSTRUCTIONS

This guide gives instructions for setup and operation of the BP-2 Beam Luminaire.

There is a potential risk of fire, electric shock or injury to persons if the product is not used as instructed.

Protection against electric shock is assured only if the mains connected cord set is connected to a properly earthed grounding type receptacle.

This product is to be used in an indoor environment only and is not intended for residential use. Dry location only. Rated IP20.

CAUTION: Risk of exposure to excessive ultraviolet (UV) radiation. Do not operate without complete lamp enclosure in place.

DANGER: INTENSE HEAT. AVOID CONTACT BY PERSONS AND MATERIALS.

□-----1m(3.28ft)⚡

Minimum distance to flammable objects: 1m(3.28ft)

Max. exterior surface temperature, T_{max}-190°C (374°F)

Replace any cracked protective shield. Disconnect power before servicing.

CAUTION: RISK OF FIRE. Use the following for the appropriate model type.

Tungsten (model 9500):

Use MAX 800 Watt, Type G9.5 lamp rated 110-120V or 220-240V

7.3A at 110-120V ~ 50/60Hz

3.6A at 220-240V ~ 50/60Hz

CDM (model 9520):

Use MAX 150 Watt, M142 type lamp

4A at 110-120V ~ 50/60Hz

2A at 220-240V ~ 50/60Hz

250V 4A SloBlo fuse for 110-120V~

250V 2A SloBlo fuse for 220-240V~

Relamp fixture before the end of rated lamp life.

For any questions call Wybron at 1-800-624-0146.

BP-2 Beam Luminaire

This compact, next generation beam projector uses the latest developments in optical and mechanical design, to give today's lighting designers another tool in their ever expanding arsenal of lighting effects. The BP-2 Beam Luminaire produces an extremely intense soft edge narrow 10° beam of light several times more intense than an ordinary spotlight of similar wattage.

The tungsten source BP-2 (Model 9500) is built of rugged spun steel with a metal parabolic reflector. It may be lamped with up to a 800W 230V tungsten source.

The CDM source BP-2 (Model 9520) is built of rugged spun steel, with a metal parabolic reflector using a high output, compact 150W CDM or UHI light source.

The BP-2 is equipped with a unique T-slot modular connection system allowing the designer to combine an unlimited number of BP-2s in any desired array to satisfy any lighting situation.

The BP-2 makes a statement by breaking through the atmosphere on a stage or used architecturally as a long-throw wash to light specific areas brilliantly. And the BP-2 is economical, easy-to-use and manufactured with Wybron's legendary reliability.

Getting Started

Remove unit from box and discard plastic packaging. Plug in to a regular lamp line source appropriate for the lamp installed.

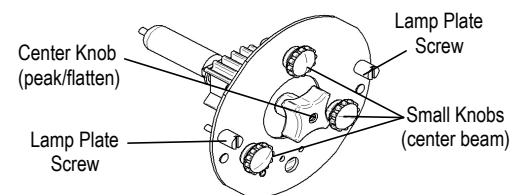
Use the large center knob on the back of the unit to peak/flatten the beam. Use the three smaller knobs to locate the center of the beam. (See Rear View diagram.)

The BP-2 can be fitted with a 12" CXI for color and a 2K Eclipse or Eclipse II for dowsing. Contact a Wybron representative for details.

Changing the Lamp

1. Disconnect from power.
2. Loosen both lamp plate screws with a flat head screwdriver.
3. Remove lamp assembly from fixture.
4. Remove old lamp and install new lamp by the base, not the glass envelope.
5. Reinstall lamp assembly and tighten lamp plate screws.

Rear View Diagram (both models):



To calculate Field Diameter for a particular throw distance:

For Incandescent and UHI Lamps:
Field Diameter = (Distance to target) X 0.175

For CDM Lamps:
Field Diameter = (Distance to target) X 0.228

Lamp Data – Models 9500

ANSI Code	Watts	Rated VAC	Color Temp	Rated Hours	Rated Lumens
GLC	575	115	3200	400	15500
GLA	575	115	3100	1500	13500
GKV	600	230	3200	400	15000
GLB	600	230	3100	1500	13000
6981P	750	115	3200	300	19000
GLE	750	115	3050	1500	17400
6982P	800	230	3200	250	20000
HX800	800	230	3200	250	20000

Lamp Data – Model 9520

Lamp Model	CDM 150W	UHI 150W
Lamp Watts (nominal)	150	150
Rated Lumens	14,000	13,000
Rated Hours	10,000	10,000
Color Temp	3000K	3000K
Color Rendering Index	85	80
Efficacy (Luminous Output)	93Lm/W	80Lm/W

Ordering Information

Accessories

287391 Lamp, GLC 115V 134205 Lamp, 6981P 115V
 294322 Lamp, GLA 115V 92773 Lamp, GLE 115V
 363721 Lamp, GKV 230V 134203 Lamp, 6982P 230V
 363739 Lamp, GLB 230V 39754 Lamp, HX800 230V

CDM150T6830 Lamp, CDM 150W w/UV Fade Block
 UHI-S150DW/A/UVP Lamp, UHI 150W
 256-08-21 Malleable Iron C-clamp
 950F Follow Spot Kit

AC Power Connectors

S Stage Pin Connector
 T Twist Lock Connector
 E Edison Connector

Color Changers/Dimmers

12210 12" CXI
 11010 Eclipse 2K
 12010 Eclipse II 2K

Warranty Information

WYBRON, INC. warrants to the original owner or retail customer that for a period of one year from date of delivery of a portable system or energization of a permanently installed system (up to a maximum of 18 months from delivery) its products will be free from defects in materials and workmanship under normal use and service.

Warranty does not cover any product or part of a product subject to accident, negligence, alteration, abuse, misuse or any accessories or parts not supplied by WYBRON, INC. Warranty does not cover "consumable" parts such as fuses, lamps, or color media. WYBRON, INC.'s warranty does not extend to items not manufactured by us. Freight terms on warranty repairs are FOB WYBRON, INC. factory or designated repair facility. Collect shipments or freight allowances will not be accepted.

WYBRON, INC.'s sole responsibility under this warranty shall be to repair or replace at WYBRON, INC.'s option such parts as shall be determined to be defected on WYBRON, INC.'s inspection. WYBRON, INC. will not assume any responsibility for any labor expended or materials used to repair any equipment without WYBRON, INC.'s prior written authorization. WYBRON, INC. shall not be responsible for any incidental, general or consequential damages to property, damages for loss of use, time, profits or income, or any other charges.

The owner's obligations during the warranty period under this warranty are to notify WYBRON, INC. at WYBRON, INC.'s address within one week of any suspected defect, and return the goods prepaid to WYBRON, INC. at their factory or authorized service center.

This warranty is contingent on the customer's full and timely compliance with the terms of payment set forth in said purchase order. This warranty is expressly in lieu of any and all other warranties expressed or implied including the warranties of merchantability and fitness for a particular purpose and of other obligations and liabilities on our part. The owner acknowledges that no other representations were made to him or relied upon him with respect to the quality and function of the goods sold.

This written warranty is intended as a complete and exclusive statement of the terms thereof. Prior dealings or trade usage shall not be relevant to modify, explain or vary this warranty. Acceptance of, or acquiescing in, a course of performance under this warranty shall not modify the meaning of this agreement even though either party has knowledge of the performance and a chance to object.

Manufactured by Wybron, Inc.
 4830 List Drive • Colorado Springs • CO • 80919
 (719) 548-9774 • www.wybron.com
 Made in USA

