

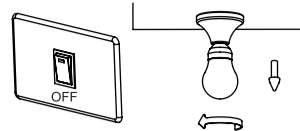
GL-BR40 User Manual



Thanks for your choice of GlacialLight's LED GL-BR40 series products. Please ensure that you install and use the product according to the below directions to enable the correct implementation and normal functioning of the LED product. Should you not follow these directions, you will not be compensated in accordance with the warrantee. We will not take any responsibility from the improper use and implementation of the product, and for any associated damage caused by such irresponsible and negligent actions.

Installation process

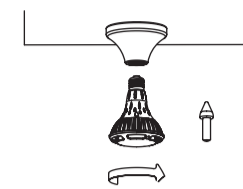
1. Before installation, please turn off the power switch for the existing bulb.



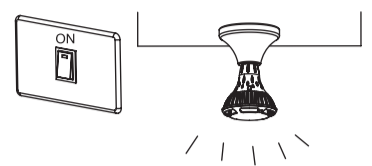
2. Please make sure that the specifications of the lamp connector and the output voltage are compatible to the LED bulb used.



3. Screw in the lamp set clockwise into the lamp stand and fix lamp securely.



4. Please turn on the power. If the lamp does not work, please repeat steps 1-3 until it does work.



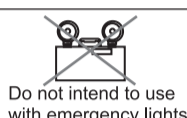
CAUTION

- The "Warranty Period" is three (3) years. We will warrant free repair or replacement services if the product fails or becomes defective during normal use within the prescribed warrantee period. Please send back the product to our company or contact your local distributors for further directions.
- Do not change or tamper with any internal electric circuits or add in any wires or cables for any reason.
- Do not change the mechanical design, circuit specifications, or components; do not add any other devices as this may cause the product to short circuit or may create other unforeseen risks.
- Keep the lamp set in a dry environment in order to avoid any electricity leakage.
- The lifetime of the lamp is effected when used in a full enclosed fixtures. Please make sure the operating ambient temperature range is within the specified definition which is from -20°C to +40°C.
- When the LED light is in operation, the heat sink body temperature will rise to 50 ~ 60°C, the phenomenon is normal, please feel at ease to use.
- To avoid electrical shocks and possible malfunction, please do not insert objects of any nature into the LED product.
- Please do not use a dimming device, as this will cause the LED light to malfunction.
- For further information, please contact us.

LED LIGHT
DO NOT STARE INTO BEAM
CLASS 2 LED PRODUCT
Q ≤ 61.8 mJ λ = 449.7 nm
IEC 60825-1 : 1993 + A1:1997 + A2 : 2001
EN 60825-1 : 1994 + A2 : 2001 + A1 : 2002
CAUTION- CLASS 2 LED LIGHT WHEN OPEN
DO NOT STARE INTO THE BEAM

CAUTION

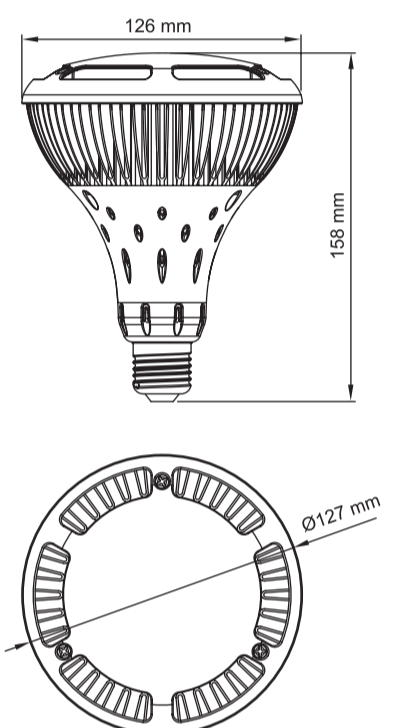
- Risk of electric shock
- For dry location only
- Do not use with dimmer
- Do not use in totally enclosed recessed fixtures



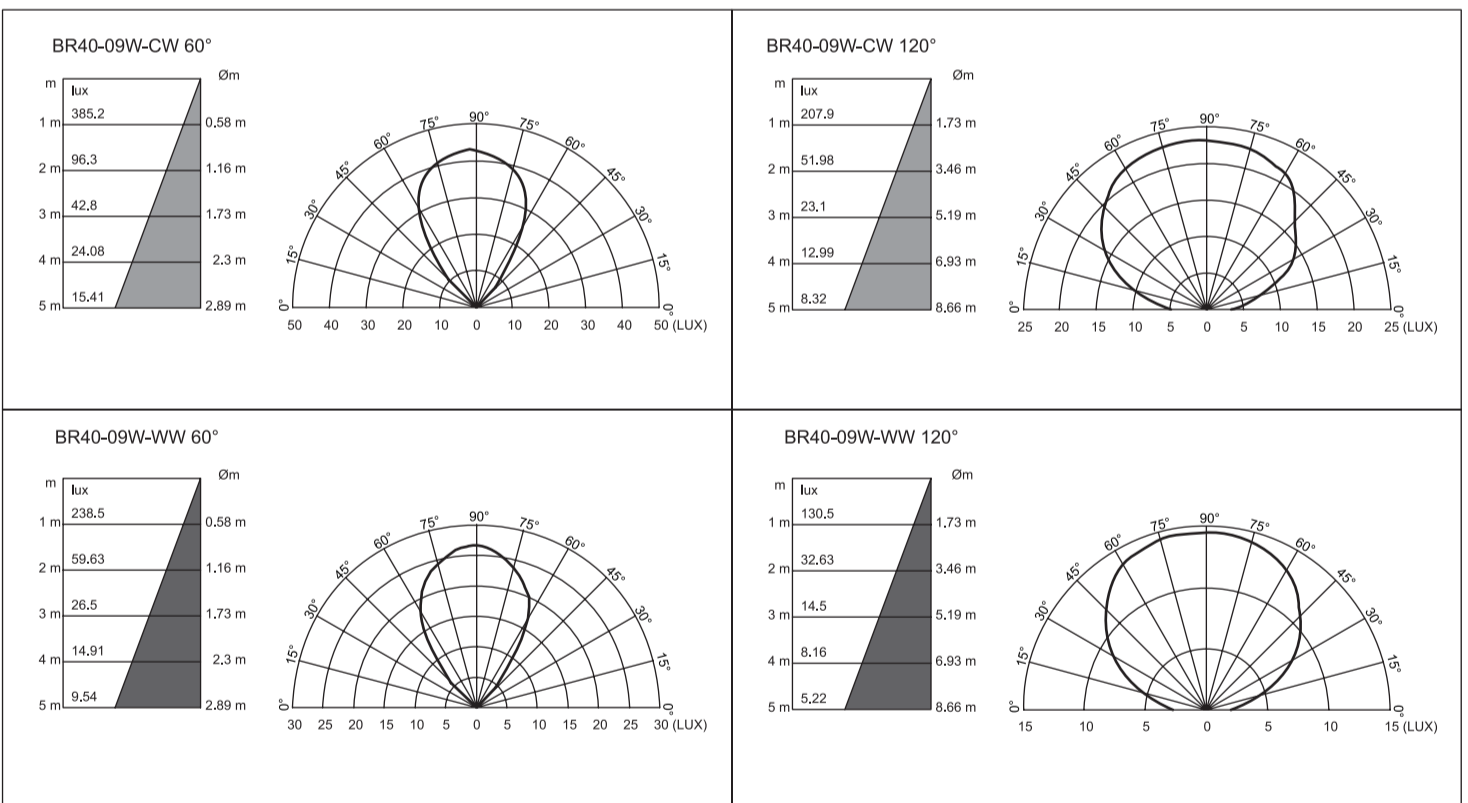
Specifications

Optical				
Model No.	GL-BR40-9WW (Warm White)	GL-BR40-9CW (Cool White)	GL-BR40-15WW (Warm White)	GL-BR40-15CW (Cool White)
CCT (Typical)	3000 K	6000 K	3000 K	6000 K
Luminous Flux (lm)	400 lm	540 lm	675 lm	840 lm
Typical Luminous Efficacy	38 lm/W	52 lm/W	40 lm/W	49 lm/W
CRI (Ra)	> 80	> 75	> 80	> 75
Beam Angle	120°/ 60° (Option)			
Lux at 1 M (120°)	131 lux	208 lux	226 lux	286 lux
Lux at 1 M (60°)	239 lux	386 lux	413 lux	514 lux
Mechanical and Dimension				
Outline Dim.	Ø127 × 158 (mm)			
Net. Weight	0.45 (Kgs)			
Socket Base	E26; E27			
Cover	Clear/ Frosted			
Electrical				
Typical Power Consumption	10.4 W for GL-BR40-9; 17.2 W for GL-BR40-15			
Power Factor	> 0.9 for 115V AC; > 0.8 for 230V AC			
Input Voltage	100 – 240V AC			
Temperature Condition				
Operating Temperature	-20°C to +40°C			
Storage Temperature	-40°C to +85°C			

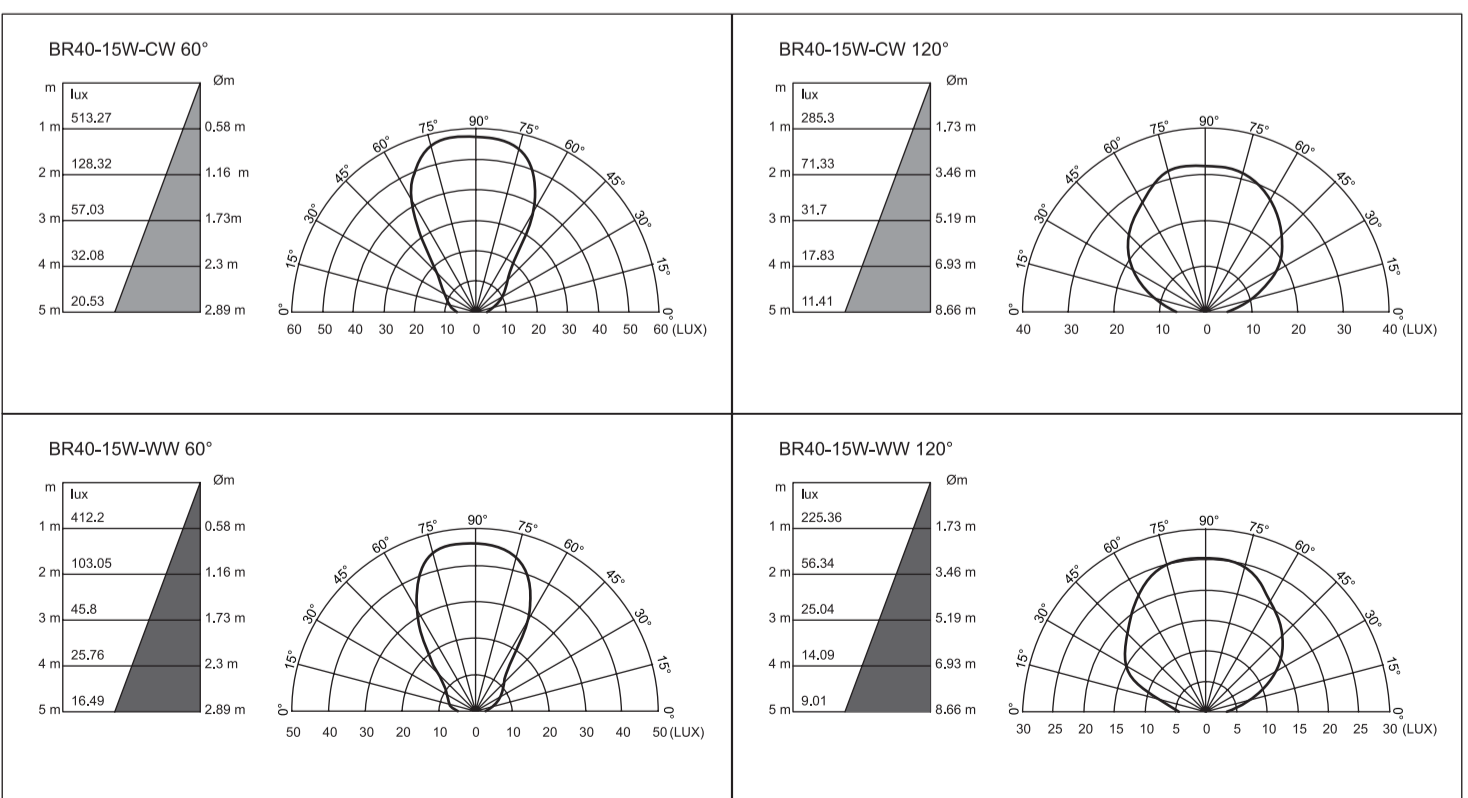
BR40 Series Outlook



Candle Power Distribution Curve (9 W / 3 M)



Candle Power Distribution Curve (15 W / 3 M)



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17-BR40L00002

