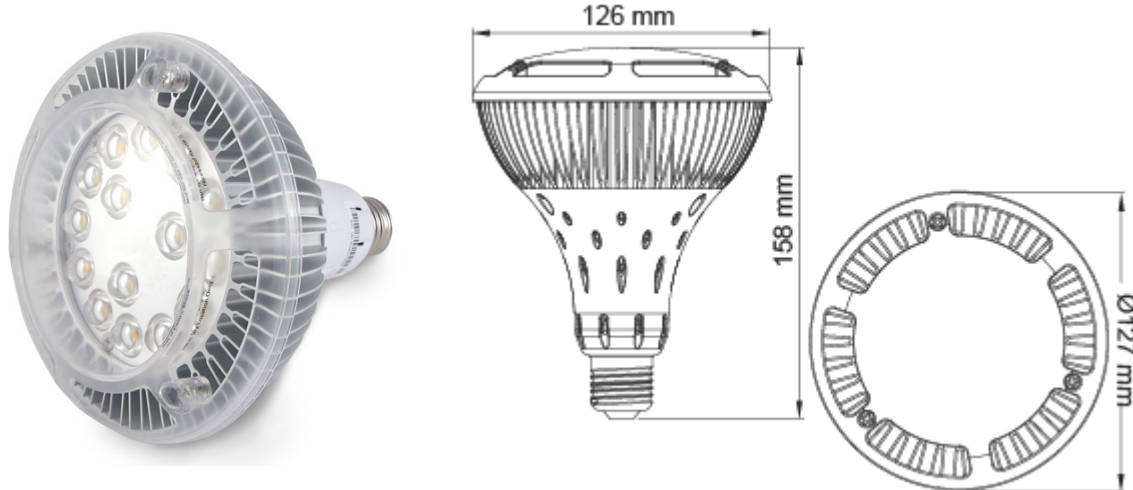


Canopus Series **GL-BR40 Series**



To conveniently replace the traditional BR halogen lamps with excellent features, like longer lifetime (>35,000 hrs min.), higher luminous efficacy, and lower environmental pollution, **GlacialTech** proudly launches the unique **BR40 Series LED Bulbs** that use efficient **9W/15W** LEDs, feed on an universal AC input voltage of 100-240V, use standard E26/E27 sockets, and apply to accent, local, or spot lighting. There are two options: the GL-BR40 (non-dimming) and the GL-BR40D (TRIAC-dimming) with the suffix “D” standing for “dimming.”

Features

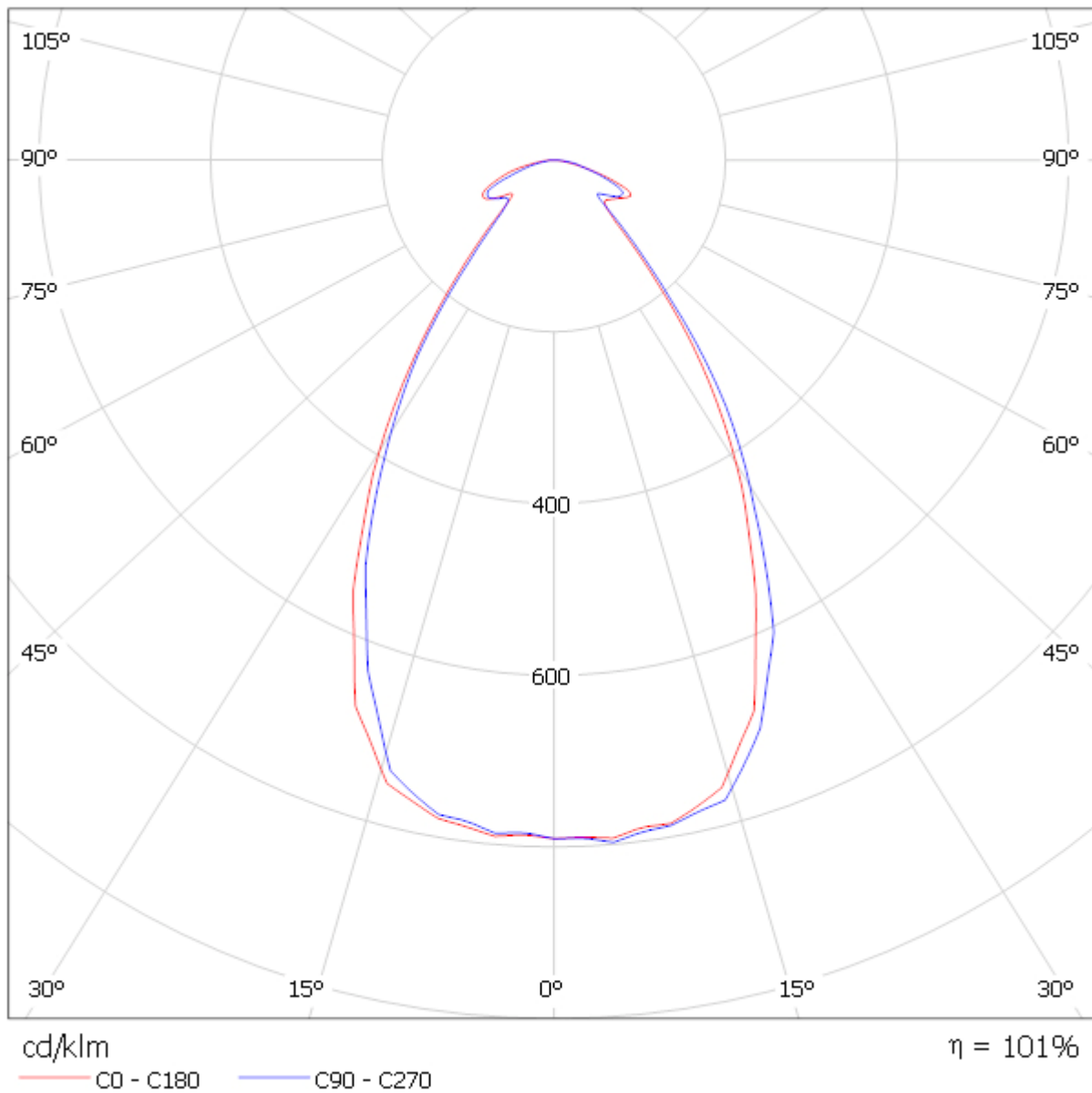
- For indoor use only
- Direct replacement for traditional halogen bulbs or CFLs
- Power factor > 0.9 at 115V AC; power factor > 0.8 at 230V AC
- High power efficiency > 80%
- High luminous efficacy LEDs
- No UV or IR radiation
- Compliance with safety standards: EN60968, EN61347-1+EN61347-2-13, EN55015+EN61000-3-2 class C, EN60825-1, FCC Part 18, UL1993, CSA C22.2 No.74
- Cool light, which can reduce the rise of the ambient temperature.
- Energy saving and environment friendly



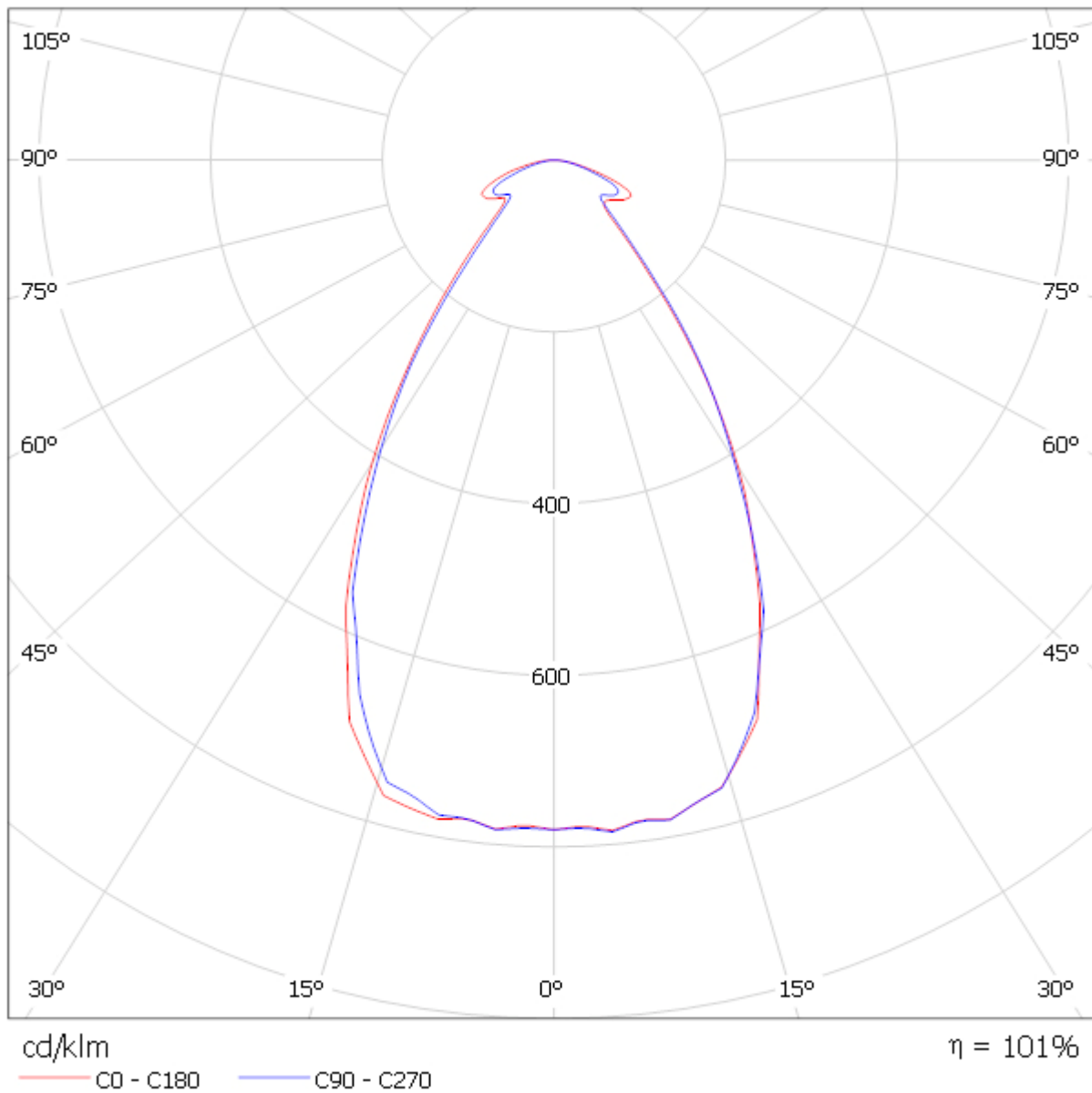
◆ **Specifications**

Model No.	GL-BR40-15WW	GL-BR40-15CW
CCT (Typical)	3000K	6000K
Typical Power Consumption	17.2W	
Typical Lumens Output (lm)	807lm	1024lm
Input Voltage	100-240V AC; 50-60 Hz	
Input AC Current (Max.)	0.3 A Max.	
Socket Base	E26 / E27	
Operation Temperature	-20 °C — +40 °C	
Typical Luminous Efficacy	44lm/W	54lm/W
CRI	> 80	> 75
Beam Angle	120 ° / 60 ° (Option)	
Warranty	3 Years	
Applications	Architectural Lighting/ Cabinet Lighting/ Commercial Lighting/ Landscape Lighting/ Spot Lighting/ Accent Lighting/ Hallway Lighting	
Outline Dim.	Φ 127*158mm	
Net. Weight	450g	
Package	12 Boxes / Carton	
Box Dimension/ Weight	L=163*160*200mm / 0.6KG	

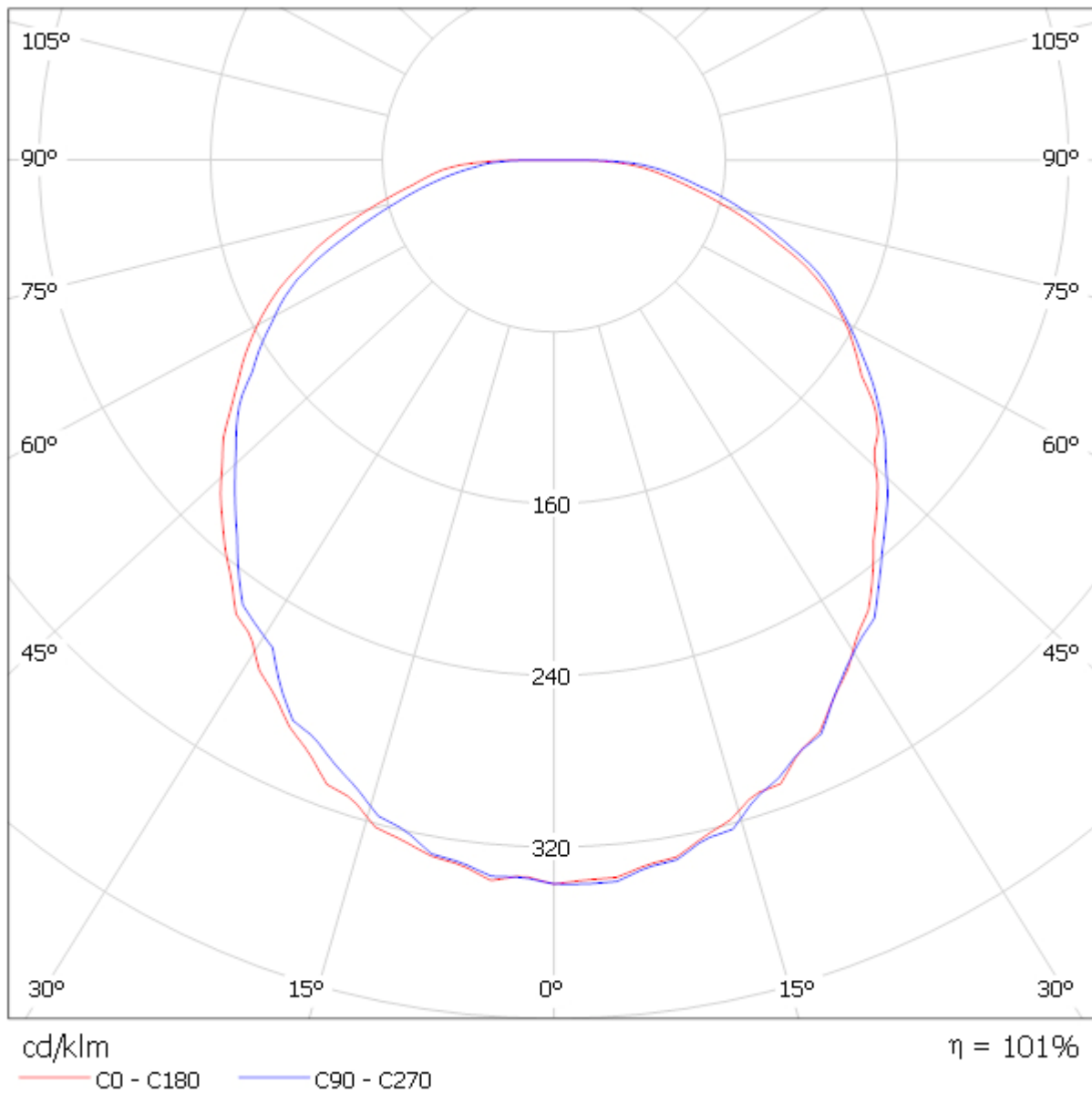
◆ **Luminous Intensity Distribution Diagram**
BR40-15W-CW-60D



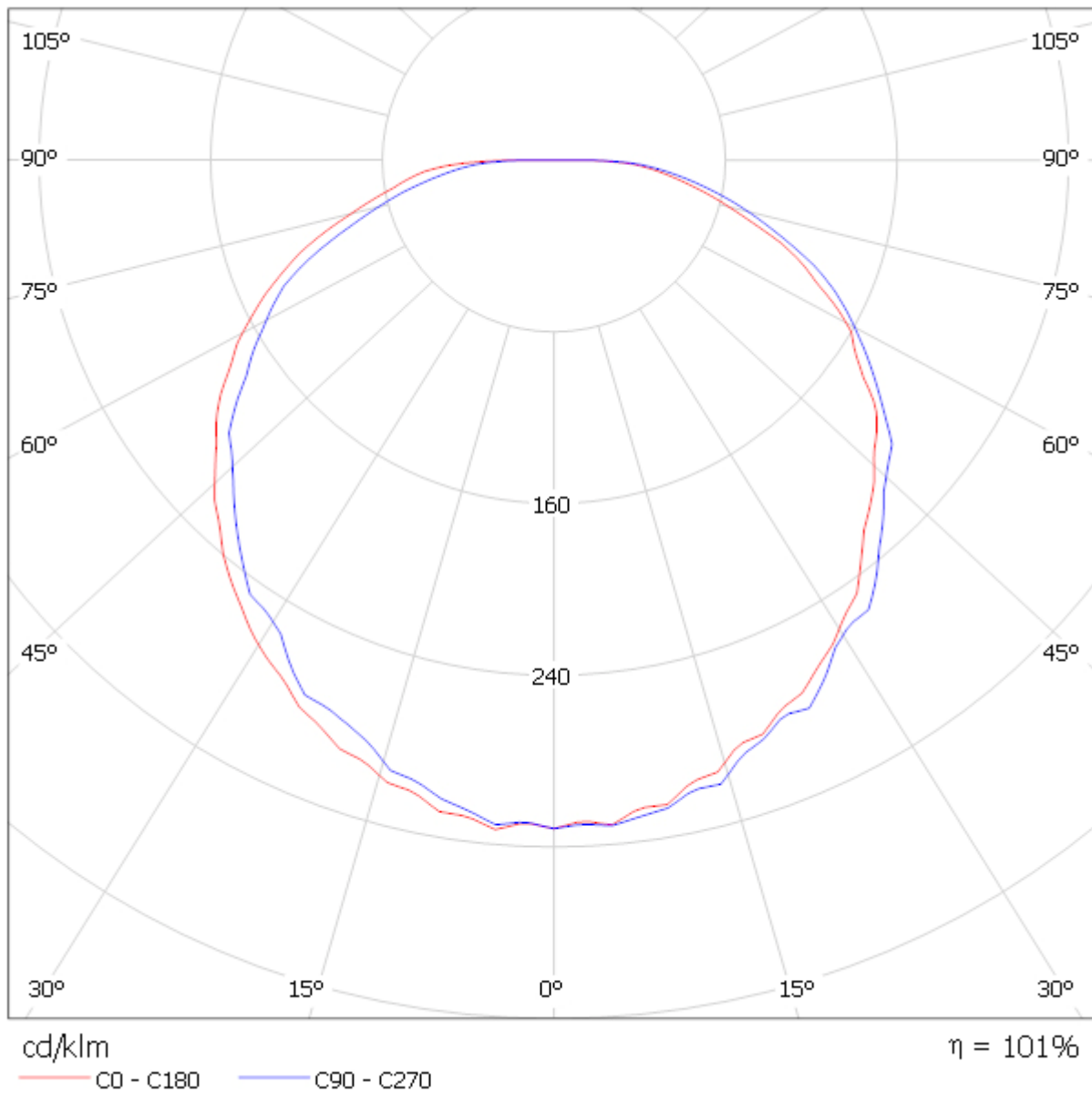
◆ **Luminous Intensity Distribution Diagram**
BR40-15W-WW-60D



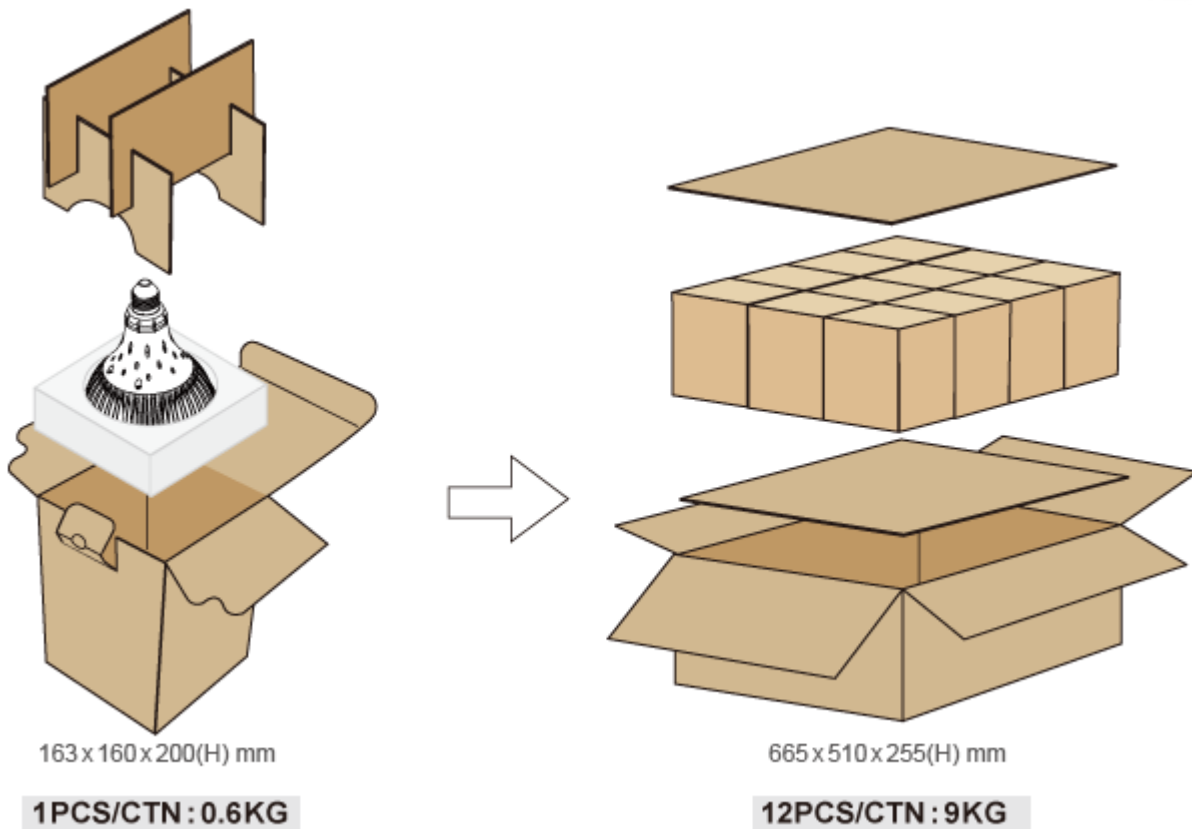
◆ **Luminous Intensity Distribution Diagram**
BR40-15W-CW-120D



◆ **Luminous Intensity Distribution Diagram**
BR40-15W-WW-120D



◆ Package



◆ Energy Saving & CO₂ Reduction Comparison Table

Item	GL-BR40-15CW (6000K)	CFL	Halogen Bulbs
Life Time	35,000hrs	6,000hrs	3,000hrs
Typical Power Consumption (=A)	17.2W	27W	100W
Typical Power Consumption per year (12hrx365day/KWh)*A=B	75.34KW	118.26KW	438KW
CO ₂ Quantity (Kgs/year) (0.637*B=D)	50Kgs	75Kgs	280Kgs
Energy Saving Rate (Compared with CFL)	37%		
Energy Saving Rate (Compared with Halogen Bulbs)	83%		



Co₂ calculation reference IPCC guide=0.637 Co₂/KWh (Taiwan)

◆ Applications

