

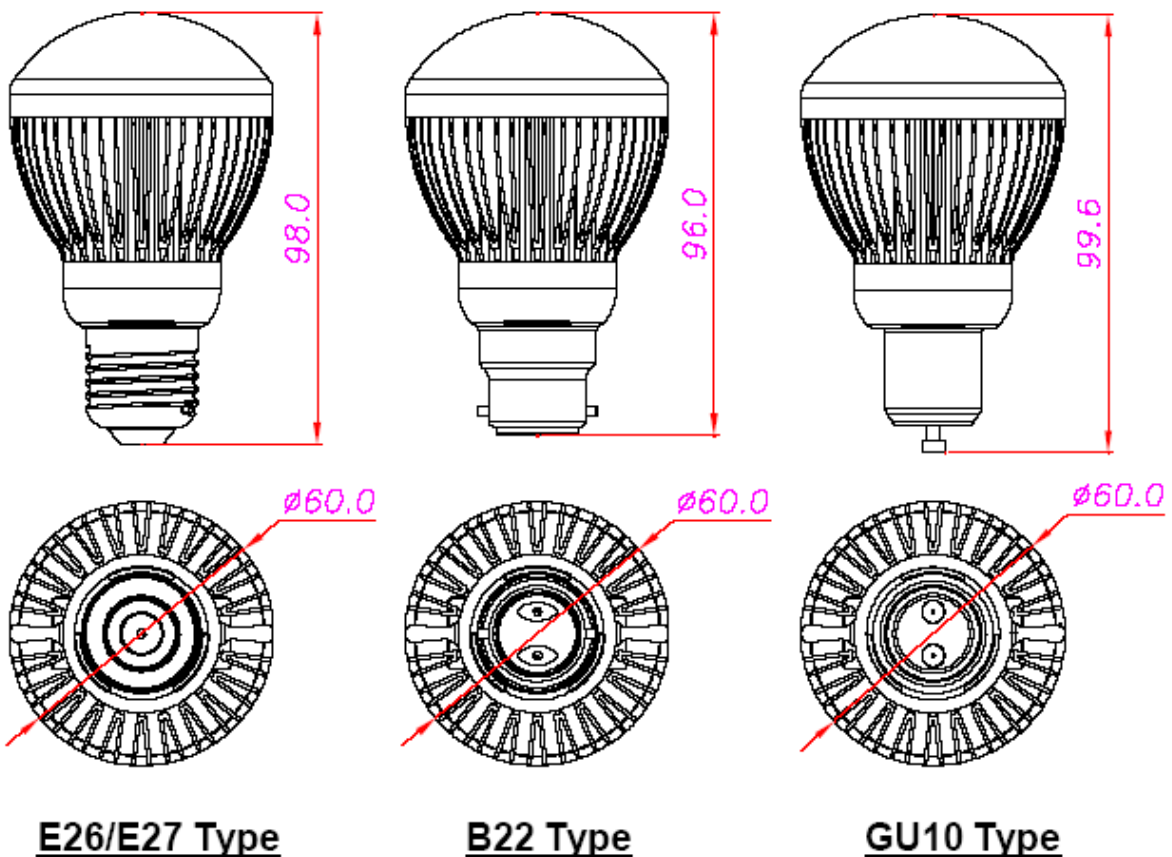
LED BR20 Series



GlacialTech has unique products in **BR20 series LED bulbs**. It uses high power LED including **5 W** AC-LED light source series products. It can replace traditional BR halogen lamp with excellent features like long lifetime (min. 20,000 hrs), high luminous efficacy and reduces environmental pollution. The bulbs can use standard E26/E27/GU10/B22 socket to conveniently replaces traditional light source and suitable for use 100V/ 110V/ 200V/ 220V. The bulbs are used for spotlight, accent light and local lighting.

GlacialTech 的 **BR20** 系列使用高亮度 AC-LED，其中包含 **5 W** 之系列產品可代替傳統鹵素燈，並具備比傳統燈泡更優良的特性如：使用壽命長(高於 20,000 小時)、高發光效能並具備環保節能特性，燈座可安裝於 E26/E27/GU10/B22 之傳統標準規格並適用於 100V, 110V, 200V, 220V 電壓，主要使用於投光燈、裝飾燈與一般室內照明。

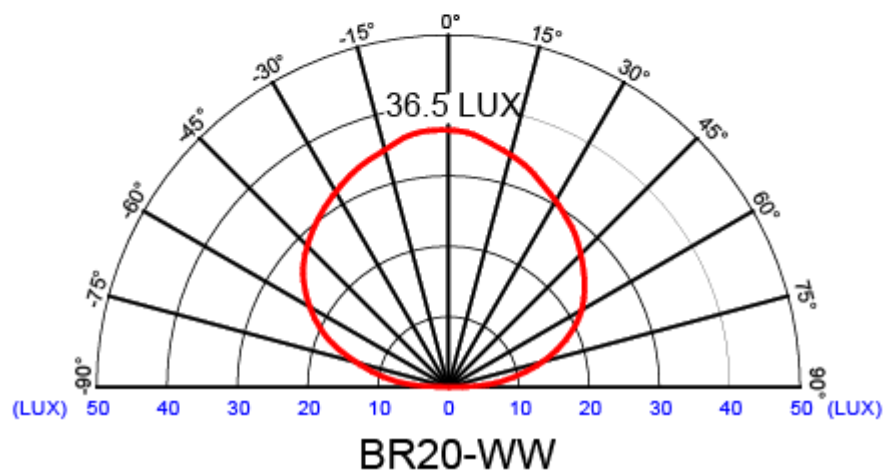
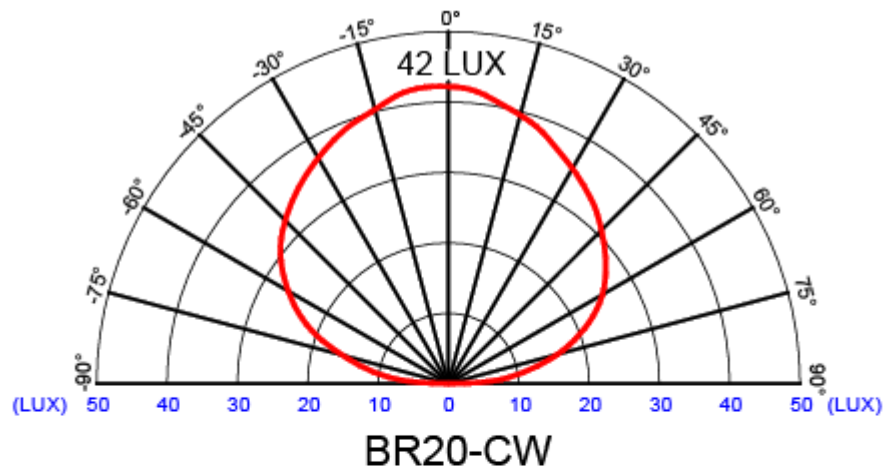
➤ Dimensions 尺寸



Specifications 產品規格

Model No. 型號	GL-BR20-5WW	GL-BR20-5CW
CCT (Typical) 色溫	3000 K	6000 K
Typical Power Consumption 消耗瓦數	5 W	
Luminous Flux (lm) 光通量 (流明)	130 lm	160 lm
Input Voltage 輸入電壓	100V/ 110V/ 200V / 220V	
Input AC Current (Max.) 輸入最大電流	100V AC /30mA ; 110V AC /50mA ; 200V AC /15mA ; 220V AC /28mA ;	
Socket Base 適用燈座型號	E26 / E27/ GU10/ B22	
Operation Temp. Range 操作溫度	-20°C ~ +40°C	
Typical Luminous Efficacy 發光效能(流明/瓦)	26 lm/W	32 lm/W
CRI 演色性	> 75	> 70
Beam Angle 光束角	150°	
Warranty 保固期	2 Years	
Application 應用	Architectural Lighting/ Cabinet Lighting/ Commercial Lighting/ Landscape Lighting/ Spot Lighting/ Accent Lighting/ Hallway Lighting 建築與室內裝潢/ 玄關走廊/ 商業空間/ 園藝造景/ 裝飾燈/ 投光燈	
Outline Dim 外觀尺寸(公厘)	Ψ 60*98 mm (E27/E26) ; Ψ 60*96 mm(B22) ; Ψ 60*99.6 mm(GU10)	
Net. Weight Outline 淨重(公斤)	115 ± 5g	

➤ **Candle Power Distribution Curve(1M) 配光曲線圖**



➤ **Energy Saving & CO₂ Reduction Comparison Table 節能減碳比較表**

Item 項目	GL-BR20-5CW (6000 K)	CFL	Halogen Bulbs
Life Time 壽命(小時)	20,000 hrs	6,000 hrs	3,000 hrs
Typical Power Consumption 消耗瓦數(=A)	5 W	11 W	40 W
Typical Power Consumption per year 每年消耗瓦數(12hrx365day/KWh)*A=B	21.9 KW	48.1 KW	175.2 KW
CO ₂ Quantity (Kgs/year) 每年CO ₂ 排放量 (公斤) (0.637*B=D)	13 Kgs	30 Kgs	111Kgs
Energy Saving Rate 與節能燈泡相比之省 電率(Compare with CFL)	56%		
Energy Saving Rate 與鹵素燈泡相比之省 電率(Compare with Halogen Bulbs)	88%		