



**EnergyLED**

6F.,NO.542-4,Zhongzheng Rd ., Xindian Dist.,  
,New Taipei City 231,Taiwan (R.O.C)  
TEL : 886-2-7729-0589  
FAX : 886-2-7729-1871  
<http://www.energyled.com.tw>

# SPECIFICATION

PART NO. : BA10xHAWW0001  
LED AR111 Spot Light  
(Preliminary)



Approved by

Checked by

Prepared by

**Gary**

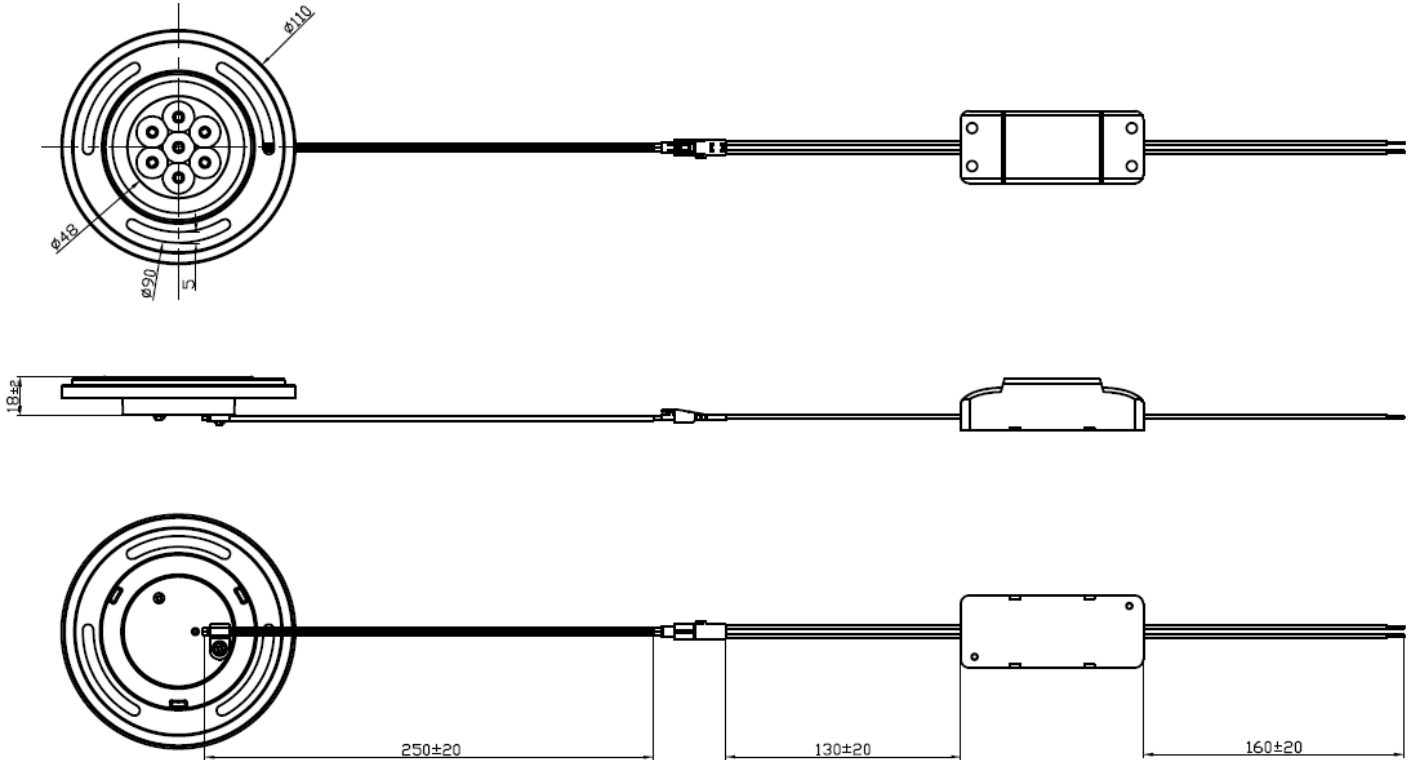
**Tony**

**Frank**





**Dimensions:**



1. All dimensions are in millimeters
2. Tolerance is  $\pm 2.0$  mm unless otherwise noted
3. Constant Current Power: Input 100-240VAC Output 38-50VDC / 200mA

**Absolute Maximum Ratings:**

Parameter	Symbol	Rating	Unit
Power Dissipation	P <sub>D</sub>	11.8	W
Viewing Angle	$2 \theta 1/2$	24	deg
Operating Temperature Range	T <sub>opr.</sub>	-20 to +40	°C
Storage Temperature Range	T <sub>stg.</sub>	-20 to +60	°C
Input Voltage	V	100-240	AC

**Description**

Part No.	CCT	Operation Voltage
BA10SHAWW0001	2700K	100 ~ 240VAC
BA10THAWW0001	4000K	
BA10DHAWW0001	5700K	

**Electrical and Optical Characteristics:**

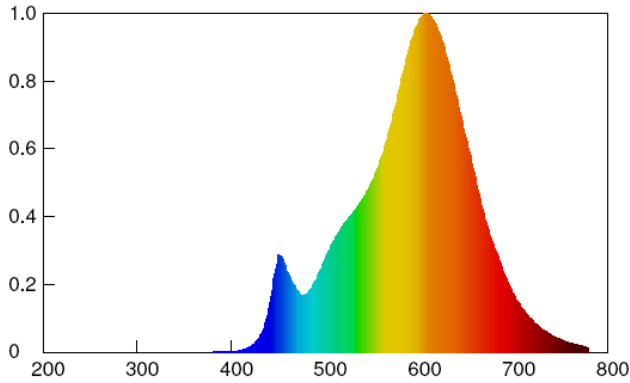
Parameter BA10SHAWW0001	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220VAC	697	775	-	Lm
Correlated Color Temperature	CCT		2400	2700	3000	K
Power Consumption	P <sub>D</sub>		8.5	10	11.8	W
Power Factor	PF		0.9	-	-	%
Rendering Index	Ra		80	-	-	%

Parameter BA10THAWW0001	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220VAC	765	850	-	Lm
Correlated Color Temperature	CCT		3600	4000	4400	K
Power Consumption	P <sub>D</sub>		8.5	10	11.8	W
Power Factor	PF		0.9	-	-	%
Rendering Index	Ra		80	-	-	%

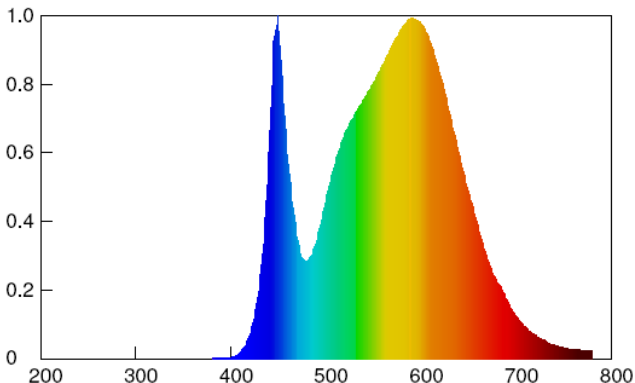
Parameter BA10DHAWW0001	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\Phi_v$	220VAC	765	850	-	Lm
Correlated Color Temperature	CCT		5200	5700	6200	K
Power Consumption	P <sub>D</sub>		8.5	10	11.8	W
Power Factor	PF		0.9	-	-	%
Rendering Index	Ra		80	-	-	%



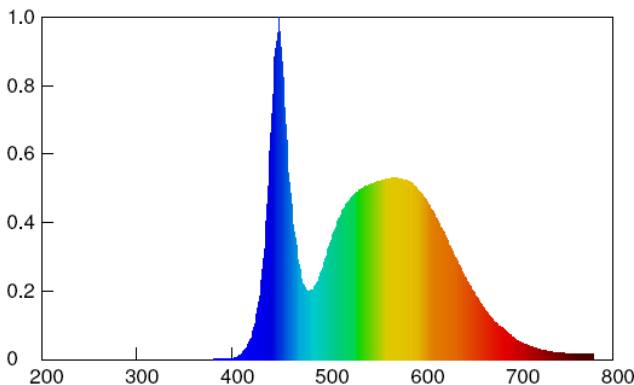
### Radiation Diagram:



Spectral Distribution (nm) for 2700K

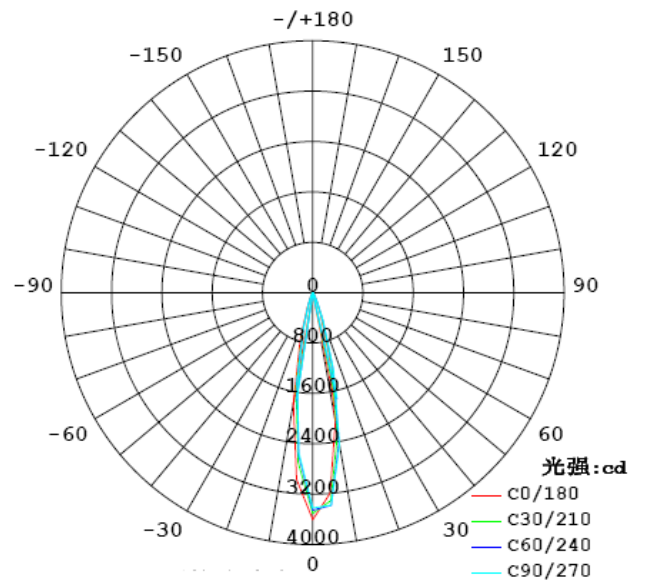


Spectral Distribution (nm) for 4000K

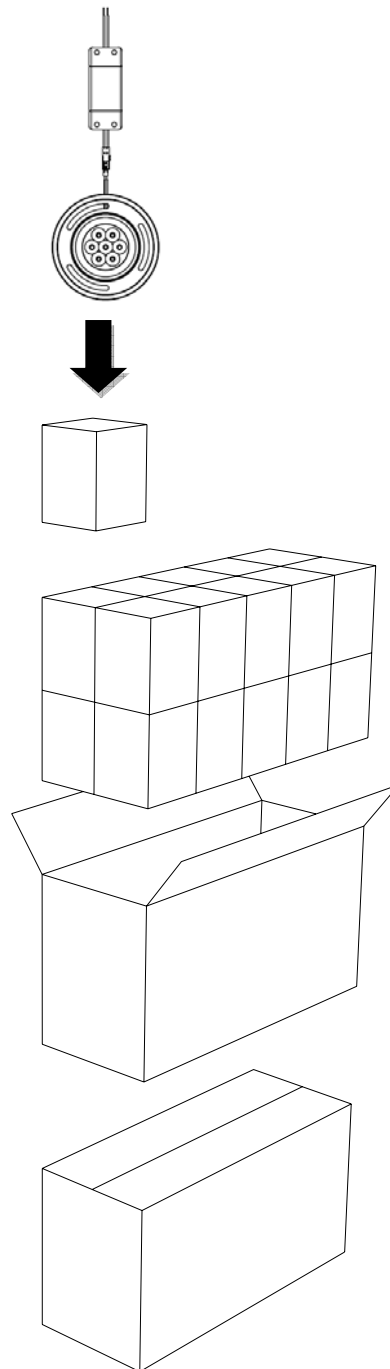


Spectral Distribution (nm) for 5700K

### Light Distribution Curve:



Light Distribution Curve (cd)

**ENCASED TYPE****注意和警告**

- 電源通電之前準備；請先確認 AR111 燈體與 Power 的連接器必需接合完成，再進行通電作業。
- 預防觸電和燒傷危險；請先關閉電源並冷卻後再進行檢查和更換。
- 請勿自行拆解燈殼料件；燈體內部沒有可讓用戶自行維修的零件。
- 如果外殼有裂痕、破裂或脫落等現象，即使能點亮，請勿再使用。
- 不可以在封閉裝置內使用，請用於開放的環境能獲得更好的壽命。
- 不可將多個燈泡密閉在封閉裝置連同其他燈泡技術（例如 白熾燈，鹵素燈，節能燈，等等）。
- 適用於乾燥環境，不可直接暴露在戶外空氣或水中。