

A-BRIGHT INDUSTRIAL CO., LTD.

Part No.	AB-DW0-15W	Diff No.
Ø180x95mm	LED Down Light	Type:

■ Product Photo:



■ Features:

• LED power : 15 W.

• Dimension : Ø180 × 95mm.

• Emitted color: White.

• Chip material : InGaN.

• Long life LED span to 30,000 hours.

• High luminance, Lower power consumption.

• No UV or IR radition.

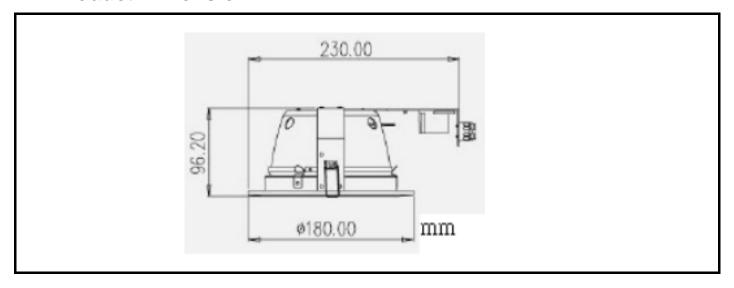
• Long life LEDs.



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■ Product Dimension:



■ Specification:

Parameter	Symbol	Rating	Unit
Input Voltage	V_{IN}	AC 90~240, 50/60Hz	V
Emitting degree	2θ _{1/2}	120	Deg.
Color Temperature	ССТ	5000	K
Luminous Flux (at 2m)	Flux	900	Lm
Operating Temperature Range	Topr	-20 ~ 45	°C

Comparision for the LED 15W down lights and the traditional 23W electricty -saving down lights (based on 100 pcs)

Comparision for the LED 15 w down rights and the daditional 25 w electricity -saving down rights (based on 100 pes)					
Items	Traditional lights (electricity lights with sandblasting glass)	LED lights (with sandblasing glass)	Comparison	Remarks	
Input Voltage (V)	either 110 V or 220 V	110V / 220V	_	LEDs applicable to both 110v and 220v	
Power Dissipation (W)	23	15	8	LED saves 8W	
Lux (2M)	37	50	13	LEDs much more 13 Lux	
Lifespan(hr)	5000	30000	25000	LEDs much more 25000 hrs	
Lamp Consumption Expense yearly	15000	0	15000	100 pcs * NTD 150= NTD 15000 saved	
Electricity rate yearly (NTD)	28980	18900	IDOND	Power consumption /1000*12 hrs *25 days * 12 months * NTD 3.5 /degree * 100 pcs = NTD 10,080 saved	
Electricians' maintenance charges	20000	0		100*30 mins/60*400/hr= NTD 20,000 saved	
Cost for 100 pcs of lamps yearly	63980	18900	45080	Lamp consumption expense + electricity rate /year+ electricians' maintenance charges = NTD 45,080 saved	
Total saving amount on LEDs for 5 years			225400	NTD 45080 (yearly difference) * 5 years	