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. : R8SEDCA-UNI2-xW2-016

6’ Down Light

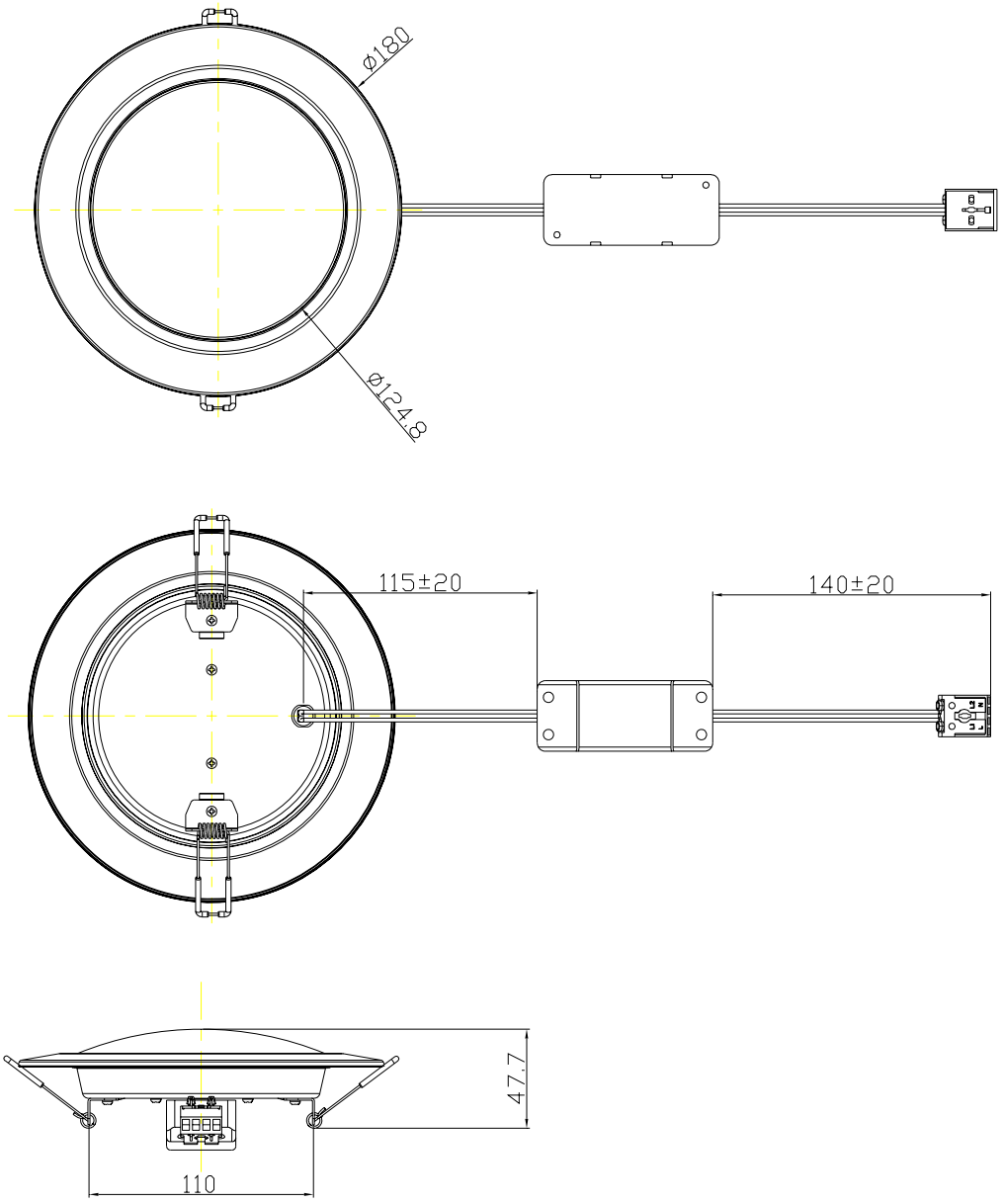
(Preliminary)

Approved by	Checked by	Prepared by
Gary	**Tony**	**Frank**

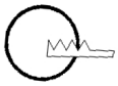
MODIFY RECORD

TAKE EFFECT DATE	MODIFY ISSUES	REMARKS

Dimensions:



Recessed into the hole : Φ 150 mm



1. All dimensions are in millimeters
2. Tolerance is ± 5.0 mm unless otherwise noted

Absolute Maximum Ratings:

Parameter	Symbol	Rating	Unit
Power Dissipation	PD	18.5	W
Operating Temperature Range	Topr.	-20 to +40	℃
Storage Temperature Range	Tstg.	-20 to +60	℃
Input Voltage	V	100-240	AC

Description

Part No.	CCT	Operation Voltage
R8SEDCA-UNI2-WW2-016	3000K	100 ~ 240VAC
R8SEDCA-UNI2-NW2-016	4000K	
R8SEDCA-UNI2-DW2-016	6000K	

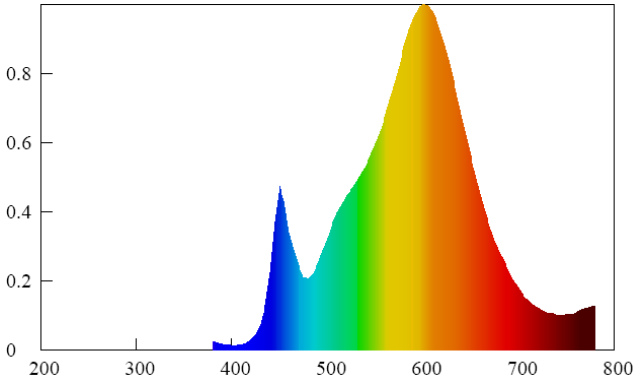
Electrical and Optical Characteristics:

Parameter (**R8SEDCA-UNI2-WW2-016**)	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	Φ_v	220VAC	850	1000	-	Lm
Correlated Color Temperature	CCT		2700	3000	3300	K
Power Consumption	PD		-	16	18.5	W
Illuminance@100cm distance	E		300	450	-	Lux
Power Factor	PF		0.9	-	-	%
Rendering Index	Ra		80	-	-	%

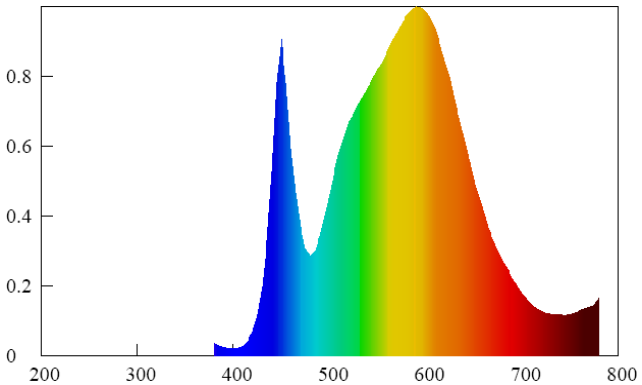
Parameter (**R8SEDCA-UNI2-NW2-016**)	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	Φ_v	220VAC	900	1100	-	Lm
Correlated Color Temperature	CCT		3700	4000	4300	K
Power Consumption	PD		-	16	18.5	W
Illuminance@100cm distance	E		330	480	-	Lux
Power Factor	PF		0.9	-	-	%
Rendering Index	Ra		80	-	-	%

Parameter (R8SEDCA-UNI2-DW2-016)	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	Φ_v	220VAC	900	1100	-	Lm
Correlated Color Temperature	CCT		5500	6000	6500	K
Power Consumption	PD		-	16	18.5	W
Illuminance@100cm distance	E		350	500	-	Lux
Power Factor	PF		0.9	-	-	%
Rendering Index	Ra		80	-	-	%

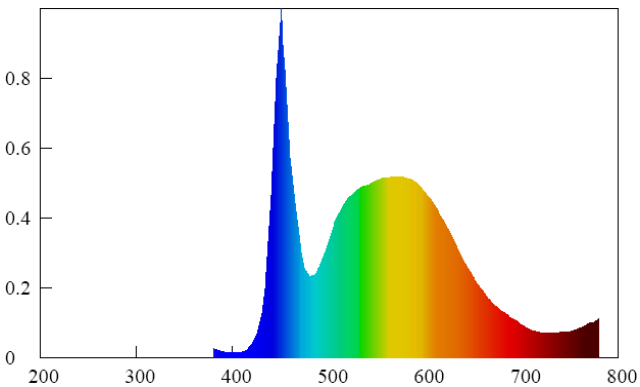
Radiation Diagram:



Spectral Distribution (nm) for 3000K

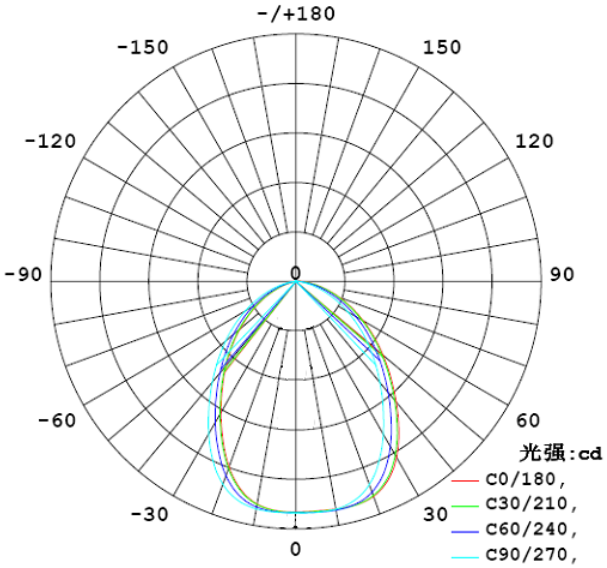


Spectral Distribution (nm) for 4000K



Spectral Distribution (nm) for 6000K

Light Distribution Curve:



Light Distribution Curve (cd)

ENCASED TYPE