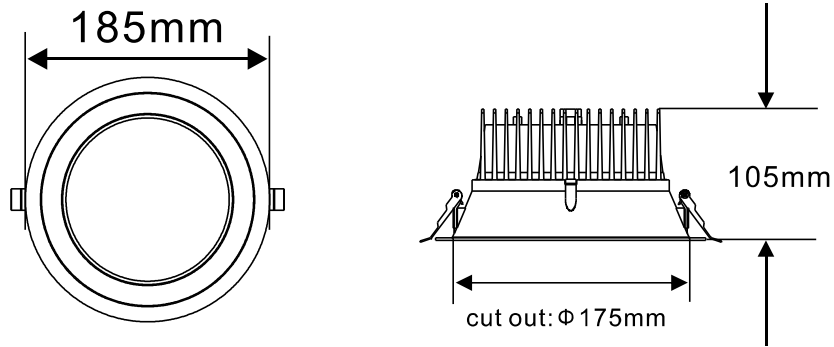


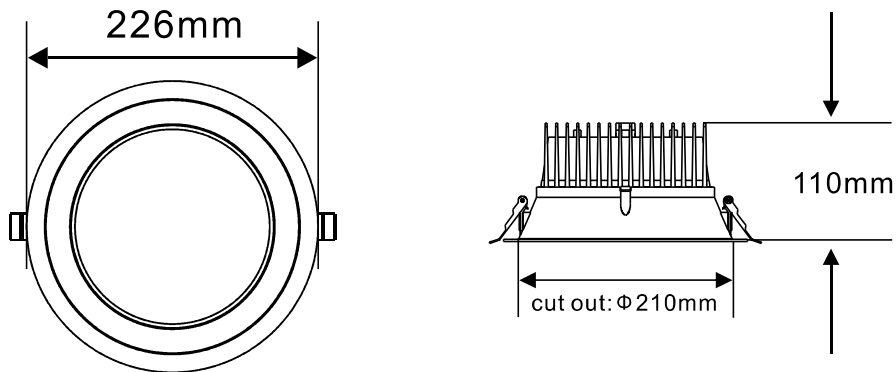
# COB LED Downlight Low Glare Model



### 3. Physical Dimensions:



MODEL:RAV40DLF81

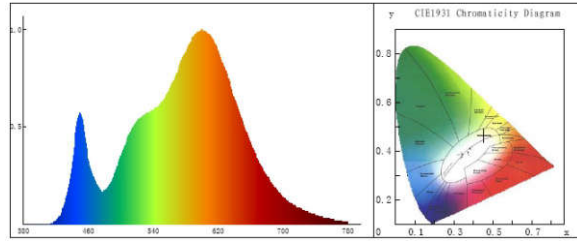


### 4. Typical Technical Parameters:

Voltage	Lumens	Power	Cutout	Beam Angle	CRI	Size	Qty/ctn	PF
AC110-265V	1600-1900lm	20W	$\Phi 175\text{mm}$	60°	>80	$\Phi 185 \times 105\text{mm}$	12	0.95
AC110-265V	2700-3100lm	30W	$\Phi 175\text{mm}$	60°	>80	$\Phi 185 \times 105\text{mm}$	12	0.95
AC110-265V	3600-4100lm	40W	$\Phi 210\text{mm}$	60°	>80	$\Phi 226 \times 110\text{mm}$	8	0.95

## 5. Color Parameters:

### 5.1 Warm White:20W(6inch)



**Chroma Parameters**  
 Chro. Coord.:  $x = 0.4273$   $y = 0.4061$   $u = 0.2435$   $v = 0.3472$   $duv = 0.0023$   
 CCT:  $T_c = 3185K$  Dominant Wave.: 582.3nm Purity: 50.2%  
 R ratio:  $R = 21.6$  Peak Wavelength: 598.3nm Half Width: 137.0nm

**Rending Index**  $R_a = 82.3$   
 $R_1 = 80$   $R_2 = 89$   $R_3 = 97$   $R_4 = 82$   $R_5 = 80$   
 $R_6 = 87$   $R_7 = 84$   $R_8 = 59$   $R_9 = 1$   $R_{10} = 76$   
 $R_{11} = 82$   $R_{12} = 68$   $R_{13} = 83$   $R_{14} = 99$   $R_{15} = 72$

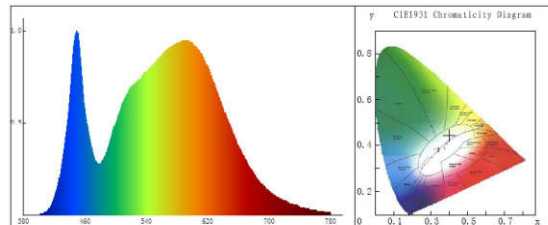
**Photo Parameters**  
 Flux: 1613.00lm Effi.: 82.2lm/W RadiantPower: 4482.6mW

**Ele. Parameters**  
 Voltage:  $U = 220.3V$  Current:  $I = 0.094A$   
 Power:  $P = 19.6W$  Power Factor:  $PF = 0.943$

**Instrument state**  
 IntgeTime: 42.503ms VPeak: 14574 VDark: 1420  
 Scan Range: 380-780nm

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### 5.2 Warm White:30W(6inch)



**Chroma Parameters**  
 Chro. Coord.:  $x = 0.3738$   $y = 0.3799$   $u = 0.2195$   $v = 0.3347$   $duv = 0.0035$   
 CCT:  $T_c = 4205K$  Dominant Wave.: 577.3nm Purity: 26.2%  
 R ratio:  $R = 17.3$  Peak Wavelength: 449.7nm Half Width: 25.8nm

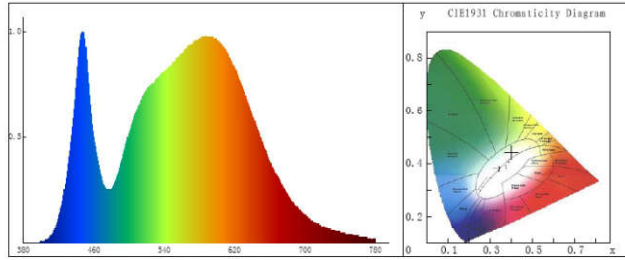
**Rending Index**  $R_a = 81.5$   
 $R_1 = 79$   $R_2 = 86$   $R_3 = 93$   $R_4 = 82$   $R_5 = 80$   
 $R_6 = 82$   $R_7 = 87$   $R_8 = 64$   $R_9 = 4$   $R_{10} = 68$   
 $R_{11} = 80$   $R_{12} = 61$   $R_{13} = 80$   $R_{14} = 96$   $R_{15} = 73$

**Photo Parameters**  
 Flux: 3241.00lm Effi.: 103.8lm/W RadiantPower: 9047.2mW

**Ele. Parameters**  
 Voltage:  $U = 220.9V$  Current:  $I = 0.146A$   
 Power:  $P = 31.2W$  Power Factor:  $PF = 0.965$

**Instrument state**  
 IntgeTime: 20.775ms VPeak: 13878 VDark: 1225  
 Scan Range: 380-780nm

### 5.3 Natural White:40W(8inch)



**Chroma Parameters**  
 Chro. Coord.:  $x = 0.3754$   $y = 0.3823$   $u = 0.2196$   $v = 0.3355$   $duv = 0.0041$   
 CCT:  $T_c = 4179K$  Dominant Wave.:  $577.3nm$  Purity:  $27.4\%$   
 R ratio:  $R = 17.2$  Peak Wavelength:  $447.4nm$  Half Width:  $25.4nm$

**Rending Index**  $R_a = 80.8$   
 $R1 = 78$   $R2 = 85$   $R3 = 92$   $R4 = 82$   $R5 = 79$   
 $R6 = 81$   $R7 = 86$   $R8 = 64$   $R9 = 2$   $R10 = 66$   
 $R11 = 81$   $R12 = 62$   $R13 = 79$   $R14 = 95$   $R15 = 72$

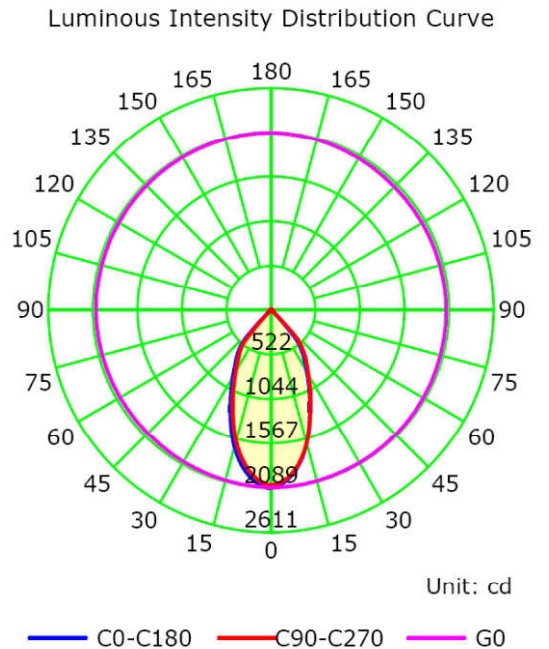
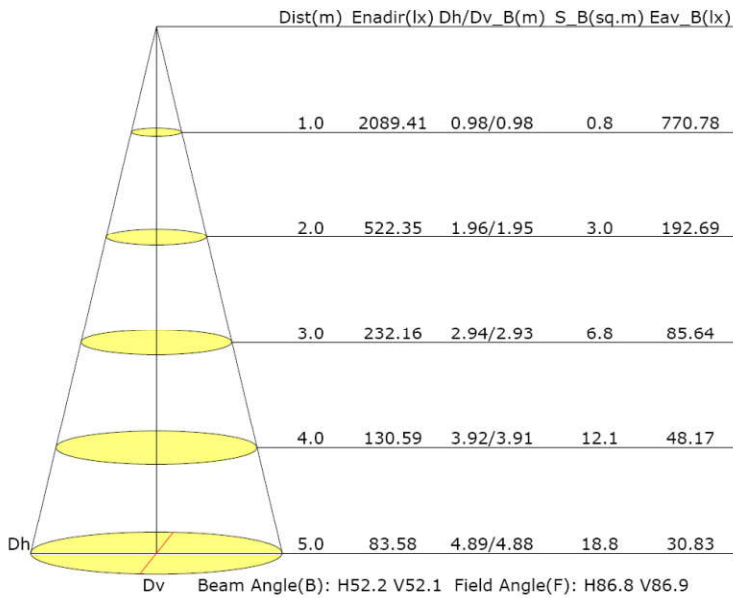
**Photo Parameters**  
 Flux:  $4042.00lm$  Effi.:  $102.4lm/W$  RadiantPower:  $11449.8mW$

**Ele. Parameters**  
 Voltage:  $U = 221.7V$  Current:  $I = 0.182A$   
 Power:  $P = 39.5W$  Power Factor:  $PF = 0.976$

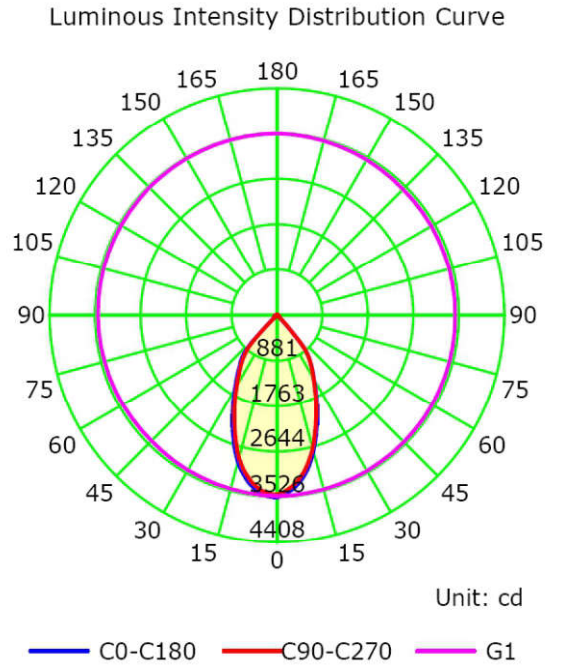
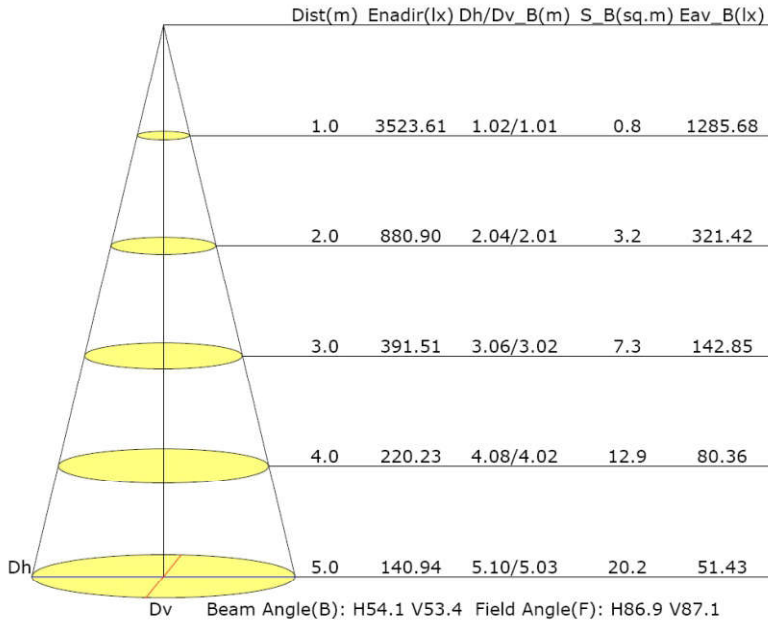
**Instrument state**  
 IngeTime:  $18.297ms$  VPeak:  $15606$  VDark:  $1415$   
 Scan Range:  $380-780nm$

## 6. Illuminance:

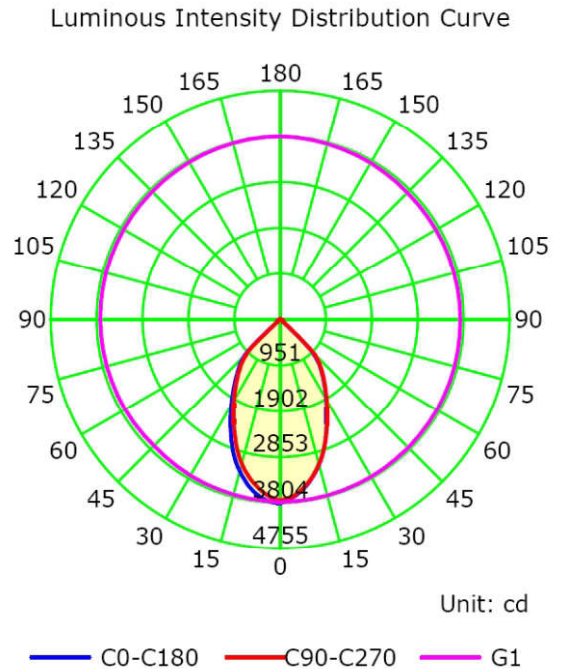
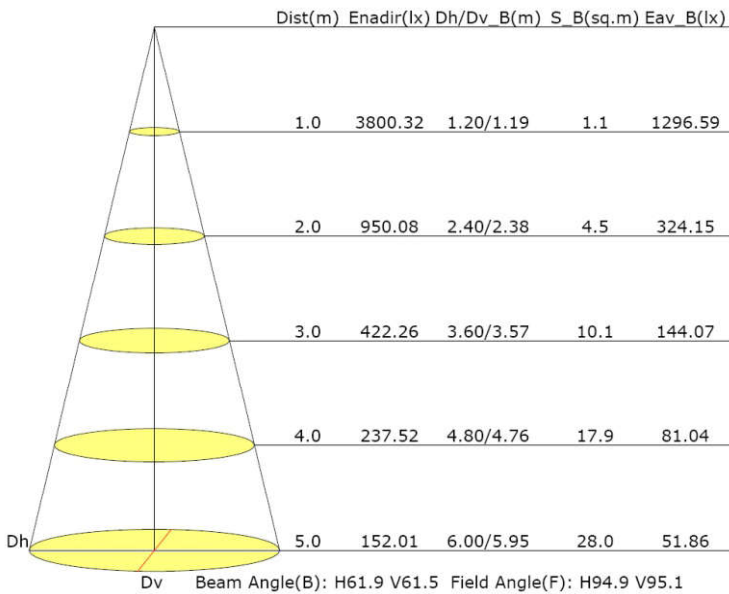
### 6.1 6inch-20W



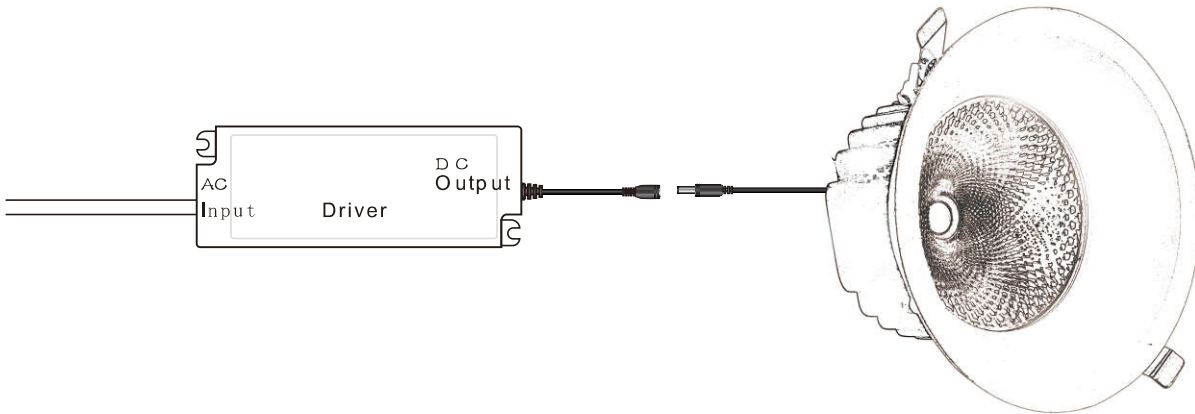
### 6.2 6inch-30W



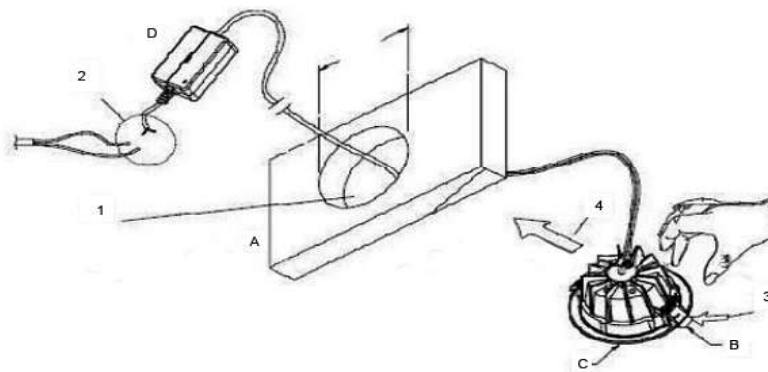
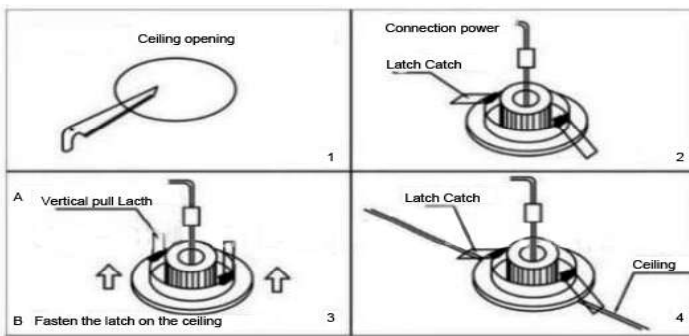
### 6.3 8inch-40W



## 7.Connection



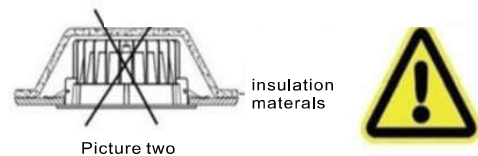
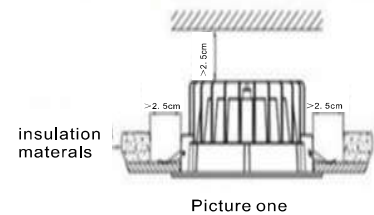
## 8.Installation :



A: Wall  
B. Spring  
C.LED Downlight  
D. Driver

Step 1: Make a hole  
Step 2: Connect the powerwire  
Step 3: Push Spring  
Step 4: Put the downlight into the hole

As shown in above figure, the luminaire mounted in the mounting hole, and ensure strong



**1. Please turn off the power when installing.**

**2. Do not touch or grasp the downlight when it is hot.**

**3. Working environment temperature: -20~45°C**

**4. Only for indoor application.**

## 9. Packaging information

Model	Inner Carton size (L*W*H) mm	outer Carton size (L*W*H) mm	Q'ty/CTN
RAV20DLF61	220*188*110mm	59.2*45.8*24.2cm	12pcs/Carton
RAV30DLF61	220*188*110mm	59.2*45.8*24.2cm	12pcs/Carton
RAV40DLF81	265*265*120mm	55.2*54.8*26.2cm	8pcs/Carton



12pcs



Size: 59.2\*45.8\*24.2cm



8pcs



Size: 55.2\*54.8\*26.2cm