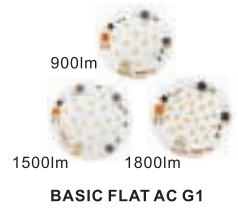


LED Recessed Down light



- General Lighting

Application : Office building, Residential, Shopping mall, School, Public area

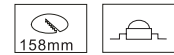


Budget Dish



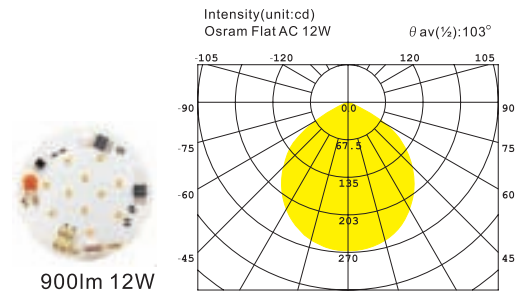
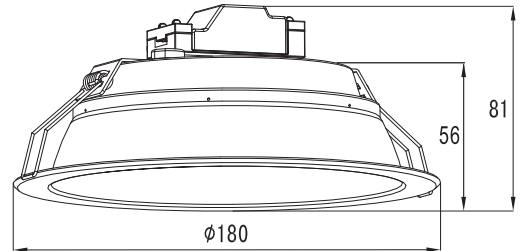
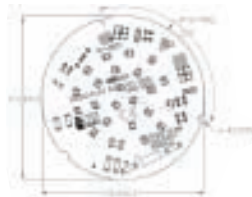
LD7027

Housing : Alum. Spinning
 Diffuser : PMMA Satin,
 PMMA Semi-Satin,
 PC Opal,
 Frosted Glass



LED Power : Osram Flat AC 900lm 12W
 Osram Flat AC 1500lm 16.4W
 Osram Flat AC 1800lm 21.7W

Colour Temp. : 3000K / 4000K / 6500K
 Housing Colour : White, Black, Silver Grey,
 Gold Anodise, Matt Anodise, Clear Anodise



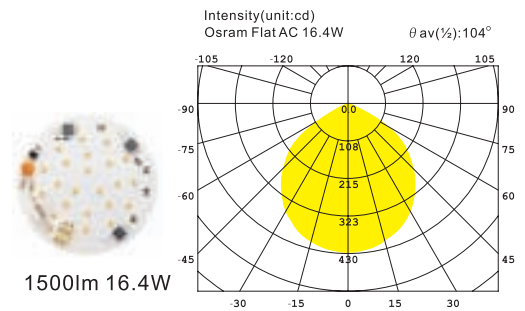
900lm 12W

Benefits:

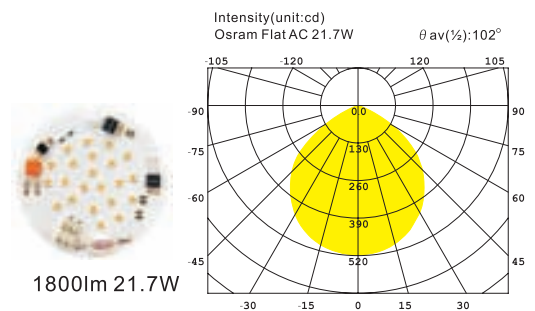
- * Simple design and budget pricing
- * Best in Class - Direct AC solution by Osram
- * Easy & fast design-in for luminaire design
- * Thermal protection on board
- * Flexibility through 3 lumen packages and 3 CCTs

Technical Features:

- * AC Direct Connection-L & N connection without polarity.
- * Uniform light output
- * Color Rendering index CRI(Ra), 80
- * Module efficacy up to 80 lm/W
- * Thermal Protection on board
- * Color tolerance: < MacAdam 4 SDCM
- * Max. tc temperature of 85°C (see IEC/PAS 62717)
- * L70B50 >= 25,000 hours at tp=75°C
- * Dimension- $\phi 70$ mm for 900lm & 1500lm
 $\phi 85$ mm for 1800lm



1500lm 16.4W



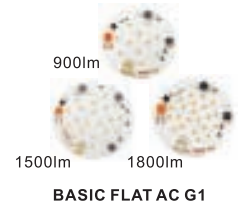
1800lm 21.7W

LED Recessed Down light



- General Lighting

Application : Office building, Residential, Shopping mall, School, Public area

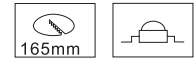


Casting Bowl

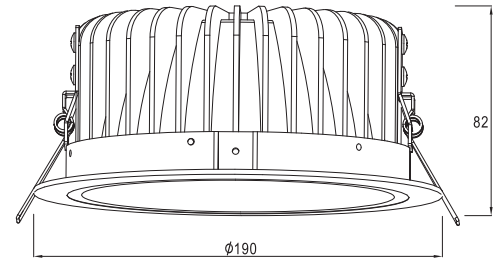


LD6088 - Basic Flat

Housing : Alum. Die casting
 Diffuser : Frosted Glass, Clear Glass, PMMA Satin, PC Opal
 LED Power : Osram Flat AC 900lm 12W
 Osram Flat AC 1500lm 16.4W
 Osram Flat AC 1800lm 21.7W
 Colour Temp. : 3000K / 4000K / 6500K
 Housing Colour : White, Black, Silver Grey



Choices of springs:



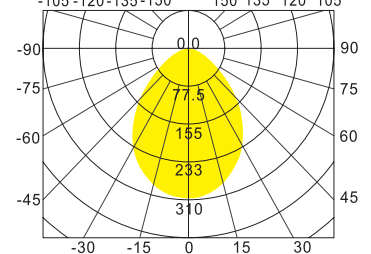
Clear Glass



Highly Effective Heatsink

Intensity(unit:cd)

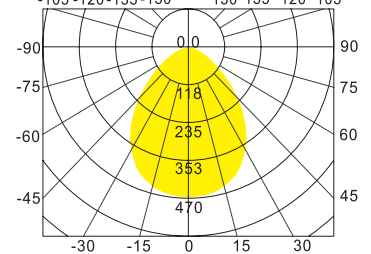
Osram Basic Flat 12W $\theta_{av}(\frac{1}{2}) : 84^\circ$



900lm 12W

Intensity(unit:cd)

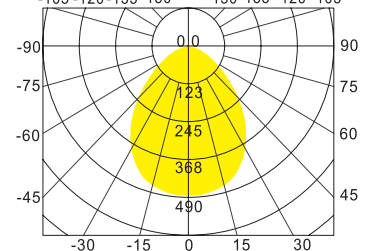
Osram Basic Flat 16.4W $\theta_{av}(\frac{1}{2}) : 85^\circ$



1500lm 16.4W

Intensity(unit:cd)

Osram Basic Flat 21.7W $\theta_{av}(\frac{1}{2}) : 86^\circ$

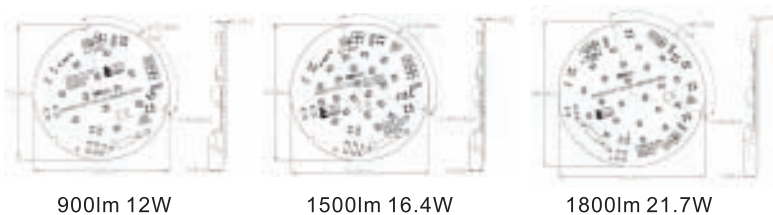


1800lm 21.7W

Benefits:

- * Professional design and better thermal function
- * Best in Class - Direct AC solution by Osram
- * Easy & fast design-in for luminaire design
- * Thermal protection on board
- * Flexibility through 3 lumen packages and 3 CCTs

Basic Flat PCB Dimensions(using 4000K as typical)



900lm 12W

1500lm 16.4W

1800lm 21.7W