

## KW-SD Recessed LED Downlight



**KW-SD Model led downlight is design for high ceiling lighting for new install commercial lighting or replacement for downlight applications with compact fluorescent/metal halide lamps . Wide lighting color (Kelvins) range 2700-7000K, RGB lighting colors can be customized ,dual functions of lighting and decorating.Suitable for use in malls, hospitals, offices, corridors,airports,railway stations etc..**

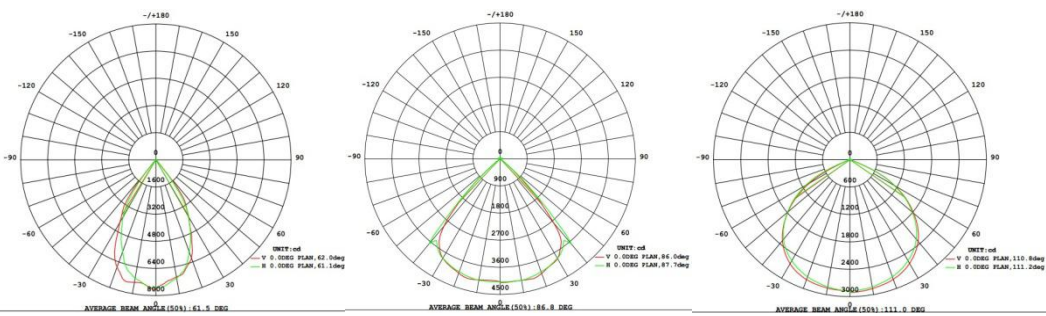
# KW-SD Technical Specifications

- High Efficiency: 120-130 LM/W.
- Best aluminum alloy fin heat sink for high effective cooling operation.
- Transparent Lens and Frosted Lens are both available.
- Instant start. Flicker free
- No mercury or other hazardous materials
- Green and eco-friendly without mercury

## Options

- Dimming: non-dimmable ,dimmable 0-10V , Dali , DMX ,Triac
- CRI: 80ra CREE Chips , 92ra Philips chips
- Beam Angle: 60° ,90° , 120 °

## IES-SD80W for reference



# KW-SD Technical Specifications

Qualifications:



| Item #    | Power(W) | LED Chips    | Luminous Flux(lm) |
|-----------|----------|--------------|-------------------|
| KW-SD60W  | 60W      | CREE/Philips | 5400-6000lm       |
| KW-SD80W  | 80W      | CREE/Philips | 7200-8000lm       |
| KW-SD100W | 100W     | CREE/Philips | 9000-10000lm      |
| KW-SD120W | 120W     | CREE/Philips | 10800-12000lm     |
| KW-SD150W | 150W     | CREE/Philips | 13500-15000lm     |

|                                  |  |         |
|----------------------------------|--|---------|
| <b>Input Voltage</b>             | <b>AC100V-305V 50-60Hz</b>   |         |
| <b>Power Factor</b>              | >0.95  |         |
| <b>Total Harmonic Distortion</b> | ≤9%  |         |
| <b>Power Efficiency</b>          | >90%   |         |
| <b>Color Temperature</b>         | Warm White:2700-3000K    Natural White:4000-4500K<br>Cold White:5700-6300K |         |
| <b>Color Rendering Index</b>     | 80ra/92ra  |         |
| <b>Lamps Efficiency</b>          | >91%   |         |
| <b>Illuminance Uniformity</b>    | >0.6   |         |
| <b>Beam Angle &amp; Diffuser</b> | 60 ° /90 °   | 120 °   |
|                                  | Transparent  | Frosted |
| <b>Material</b>                  | Aluminum Alloy   |         |
| <b>Diffuser</b>                  | Clear/Frosted  |         |
| <b>Dimension</b>                 | 8 inch:235x130mm,200-215mm cutout  |         |
| <b>Weight</b>                    | 1kg  |         |
| <b>Working Temperature</b>       | -40° C~50° C   |         |
| <b>Storage Temperature</b>       | -25°C ~ +65°C  |         |
| <b>Working Lifespan</b>          | 50000Hrs   |         |

# Installation Instructions:

