



### FEATURES:

- Recessed mounted downlight
- COB LED chip by CREE-USA
- SMD LED chip by EPISTAR-KOREA

### Body

- Made of die-cast aluminium with surface powder coated.
- Chrome, White finish

### Diffuser

- SW-DL031A Opal Polycarbonate / PMMA, thermal shock resistant
- SW-DL031B Tempered glass, thermal shock resistant

### Reflector

- Anodized aluminium with glare control

### Others

- ◆ Aluminium structured heat sink
- ◆ High efficient COB/SMD LED chip
- ◆ Dimmable Dali / TRIAC 0 - 10V Available on request
- ◆ Heat resistant and solid conduct wiring
- ◆ Ideal for Office, Public areas
- ◆ European standard of EN 60598

Available: 3000K 3500K 4000K 4500K 5000 - 5500K 6000 - 6500K



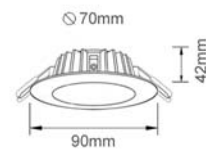
### SW-DL031A-(\*\*)



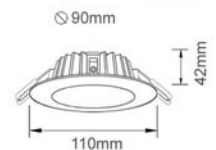
### SW-DL031B-(\*\*)



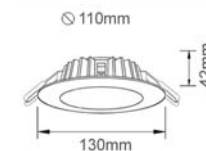
### SW-DL031A/B-5W



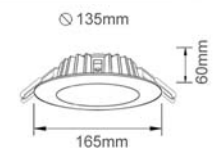
### SW-DL031A/B-10W



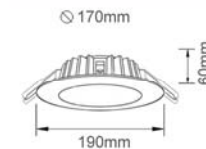
### SW-DL031A/B-12W



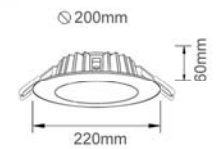
### SW-DL031A/B-15W



### SW-DL031A/B-18W/20W



### SW-DL031A/B-24W/30W



Model No.	SW-DL031A/B-5/7W	SW-DL031A/B-10W	SW-DL031A/B-12W	SW-DL031A/B-15W	SW-DL031A/B-18W	SW-DL031A/B-20W	SW-DL031A/B-24/30W
Power	5W / 7W LED	10W LED	12W LED	15W LED	18W LED	20W LED	24W/30W LED
LED Type	COB / SMD	COB / SMD	COB / SMD	COB / SMD	COB / SMD	COB / SMD	COB / SMD
Dimension	Dia:90xH:42mm	Dia:110xH:42mm	Dia:130xH:42mm	Dia:165xH:60mm	Dia:190xH:60mm	Dia:190xH:60mm	Dia:220xH:60mm
Voltage	AC165V-245V	AC165V-245V	AC165V-245V	AC165V-245V	AC165V-245V	AC165V-245V	AC160V-245V
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90	>0.90
Color Temp.	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K	2700K - 6500K
CRI	≥80	≥80	≥80	≥80	≥80	≥80	≥80
Luminous Flux	110-120LM/W	110-120LM/W	110-120LM/W	110-120LM/W	110-120LM/W	110-120LM/W	110-120LM/W
Temp. in Working	-30°C +50°C	-30°C +50°C	-30°C +50°C	-30°C +50°C	-30°C +50°C	-30°C +50°C	-30°C +50°C
Driver				Isolated			
Life Span				50000Hrs			

## LED DRIVE



### Features:

- Short circuit, over load and over heat protection.
- Constant voltage output to ensure stability of the LED
- Reduce the power waste and extend the LED life span.

Product Code	SW-PD003-1/3W	SW-PD003-4/7W	SW-PD003-8/12W	SW-PD003-13/18W	SW-PD003-19/24W	SW-PD003-25/32W	SW-PD003-33/50W
Power	1 - 3W	4 - 7W	8 - 12W	13 - 18W	19 - 24W	25 - 32W	33 - 50W
Output Voltage	DC3-11V	DC12-25V	DC24-42V	DC39-65V	DC54-85V	DC72-115V	DC40-82V DC25-43V
Output Current	300mA±5%	300mA±5%	300mA±5%	300mA±5%	300mA±5%	300mA±5%	600mA±3%
Output Mode	Constant Current						
Input Voltage	AC 165-245V 50/60Hz						
Circuit Design	Isolated						
Power Factor	≥0.95						
Efficiency	≥85%	≥85%	≥85%	≥89%	≥90%	≥90%	≥90%
Working Temp.	-20 ~ 50°C	-20 ~ 50°C	-20 ~ 50°C	-20 ~ 50°C	-20 ~ 50°C	-20 ~ 50°C	-20 ~ 50°C
Storage Temp.	-20 ~ 70°C	-20 ~ 70°C	-20 ~ 70°C	-20 ~ 70°C	-20 ~ 70°C	-20 ~ 70°C	-20 ~ 70°C
Working Humidit	10-70%RH	10-70%RH	10-70%RH	10-70%RH	10-70%RH	10-70%RH	10-70%RH
Dimension	80*33*21mm	80*33*21mm	96*33*21mm	96*33*21mm	112*45*29mm	112*45*29mm	138*45*29mm
Protection Grade	IP20						
Warranty	3 Years						
Life Span	50000Hrs						

### Conformity & Standards

Certificated	CE, RoHS, EMC, LVD
LVD (Low Voltage Directive)	EN 61437-1: 2008+A1: 2011+A2: 2013 EN61437-2-13; 2006
EMC (Electromagnetic Compatibility)	EN 55015: 2013 EN 61000-3-2: 2006+A1: 2009+A2: 2009 EN61000-3-3: 2013 EN 61547: 2009
RoHS	IEC 62321: 2008 IEC 62321: 2013
Application	LED Panel light, Led Downlight, LED Ceiling light, etc. (Indoor)

