



# 51225C-S185W18

Slim-line recessed downlight



## General Characteristic

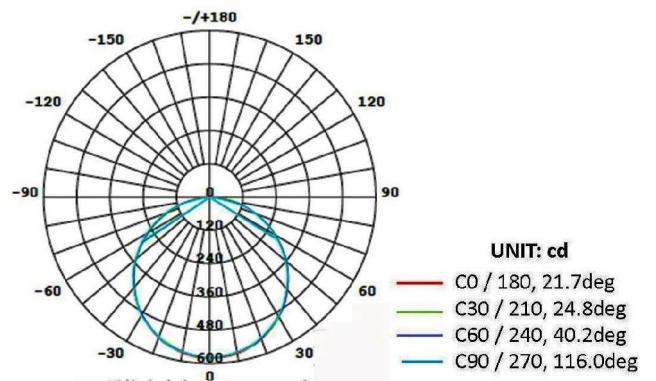
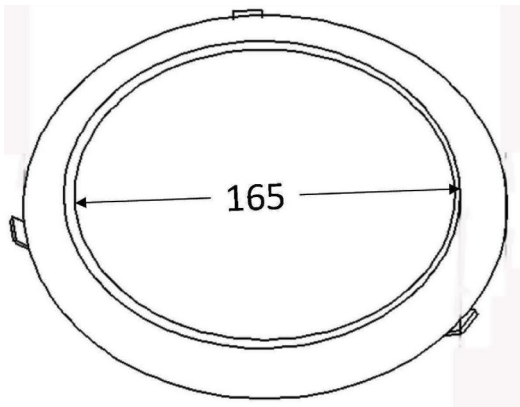
Material of housing	Die-cast aluminium alloy
Size overall	Ø225 x 30mm
Cut-out size	Ø185 ± 2mm
Reflector	Multifaceted aluminium
Trim color	Ivory white
Rated life span	50000 hours (accumulative)
Ingress protection	IP44
Industrial standard	IEC 62384 / LM-80
Certification	CE, RoHS

## Light Characteristic

Light source	BridgeLux COB or equivalent
Color rendering index	CRI ≥ 80 Ra
Color temperature	3200K (K3); 4200K (K4); 6500K
Luminous efficacy	100 lumen per watt
Beam angle	114 degree
Standard function	Non-dimmable
Dimmable (dimmer switch)	TRIAC driver (optional)
Dimmable (central dimming)	Potentiometer driver (optional)

## Electrical Characteristic

Input power	85~265VAC, 50/60Hz
Rated power	18.00W
System power	18.95W
Power factor	≥ 0.95
Operation temp	-20°C ~ +50°C
Overload protection	95%~108% constant current limiting, auto-recovery
Over voltage protection	110%~140% rated output voltage
Operation humidity	95% Rh @ -20°C to 50°C
Wire interface	No polarity
Safety standards	UL60950-1, UL1012, TUV EN60950-1, EN61347-1-13
EMC standards	EN55015, EN55022 class B, EN61000-3-2 class C, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN50204, EN61547



**AVERAGE BEAM ANGLE (50%) : 114 DEG**

