



FD4300S aesthetic submersible LED luminaire with variable colors option for landscape architects and designers.



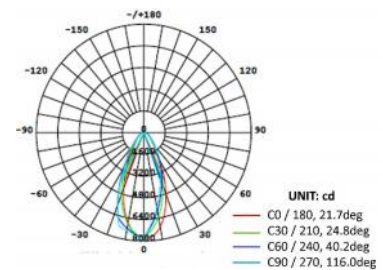
General Characteristic

Housing structure	The housing is made of stainless steel fastened by hexagon screws and nylon gasket.
Size of housing	Ø190 x 100mm (lamp size); 220mm (OA high)
Tilting radius	180 degrees
Diffuser	3mm clear tempered glass
Rated life span	30000 hours (accumulative)
Ingress protection	IP68 compliant
Industrial standard	IEC 62384 / LM-80
LED driver	External
Electric wire	Ø8~10mm neoprene wire
Cable grand	Stainless steel
Mounting bracket	Surface-mount & U-bracket (optional)
Certification	CE, RoHS, FCC

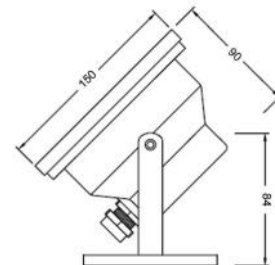


Light Characteristic

Light source	Lustrous high-power COB or equivalent
Color rendering index	CRI ≥80 Ra
White spectrum	3200K (K3); 4200K (K4); 6500K (K5)
Color spectrum	Red/Blue/Green/Yellow
Color rendering index	CRI = 85 Ra
Beam angle	30/45/60/120 degrees (optional)
RF interference	Free



Typical photometric graph



Electrical Characteristic

Input power	100~240VAC, 50/60Hz
Power factor	≥0.95
Ripple & noise (max)	3Vp-p
Line regulation	±3%
Load regulation	±5%
Operation	-20°C ~+40°C full load
Storage temperature	-20°C ~+80°C / 10% ~95% Rh
Operation humidity	20% ~95% Rh non-condensing
Vibration frequency	5 ~50 Hz
Safety standard	TUV/CE-EN61347/EN55015

Product Specification

Model #	Wattage		White Spectrum (lumen)			Color Spectrum	
	Rated	System	Warm	Neutral	Cold	Red	Blue
FD4315S-510W12	12.0W	12.6W	1392	1428	1464	1080	360
FD4315S-510W15	15.0W	15.8W	1740	1785	1830	1350	450
FD4315S-520W20	20.0W	21.0W	2320	1830	2440	1800	600
FD4315S-520W30	30.0W	31.6W	3480	3660	3660	2700	900

