

**FPH****FPH Group Technology Co., Limited**

T:+86-755-2919 7258 F:+86-755-2320 1689 www.fph-light.com

**ø180\*H12mm LED slim down Light Spec.**

Parameter	Unit	Rated	Tolerance
Input Voltage	V ms	AC100-240	/
Voltage Frequency	Hz	50/60	47-63
Lamp power	W	15	±10%
Lumen 2800±145K	lumens	integrating sphere / IES 920/950	±10%
Lumen 4000±275K	lumens	integrating sphere / IES 1050/1100	±10%
Lumen 6000±355K	lumens	integrating sphere / IES 1080/1150	±10%
Operation Temp.	℃	-20~+60	Humidity ≤85%
Color Rendering Index	(Ra)	≥80	/
Beam angle	degree	120	±10%
Power factor	PF	0.9	±0.03
Rated Life	hrs	30,000	/
Lumen maintenance @ rated life	LLMF	70	/
cycles ON/OFF	times	>100, 000	/
Energy Factor	kWh/1000h	15w	/
Total Diameter / Cutout size/Height	mm	Φ180/ Φ160/12	±3mm
Net Weight	kg	0.31	±10%
<b>Driver Performance Parameter,Application and Regulation Parameter</b>			
Driver weight: 110g	Non-flickering 3 years warranty	Diver Size: 130*42*20mm	Non-dimmable
Housing color: White /Silver	Grade of protection: IP20	0.5W Epistar SMD 2835, 72pcs, actual operation 0.21W/pcs	Energy label: LED luminaire