



720 LED adjustable recessed spotlight

720 is a compact LED luminaire developed for replacement of G5.3 LED bulb and halogen lamp commonly fitted to the adjustable recessed spotlight fixture. It is suitable for showcase, reception, passenger lift car and many other aesthetic lighting applications.



General Characteristic

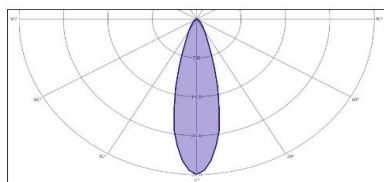
Housing construction	The LED module integrated with the heatsink is mounted to the adjustable recessed fixture.
Trim color	Opaque white
Reflector	Multifaceted mirror
Rated life span	50000 hours (accumulative)
Ingress protection	IP40
Industrial standard	IEC 62384 / LM-80
Certification	CE, RoHS, FCC

Light Characteristic

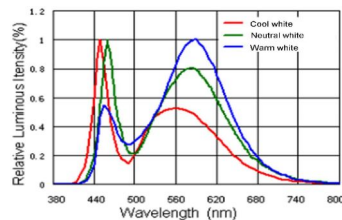
Light source	Bridgelux COB
Color rendering index	Ra ≥ 80
Color temperature	3200K (K3); 4200K (K4); 6500K (K5)
Luminous efficacy	90 lumen per watt
Beam angle	15/25/30 degrees available
Uniformity (uO)	>0.4
RF interference	Free

Electrical Characteristic

Input power	85~265VAC, 50/60Hz
Power supply	External standard or TRIAC dimmable driver
Power	8.0W (rated); 8.9W (system)
Power factor	≥0.9
Operation temp	-20°C ~+50°C
Overload protection	95%~108% constant current limiting, auto-
Over voltage protection	110%~140% rated output voltage
Operation humidity	95% Rh @ -20°C to 50°C
Wire interface	No polarity
Safety standards	EN60950-1, EN61347-1-13 61347-2-
EMC standards	EN55015, EN55022 class B, EN61000-3-2 class C, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN50204, EN61547



Typical Spectral Distribution



Relative Spectral Distribution

Product Specification

Model #	Power		Luminous Efficacy	Size		Cutout	Compatibility to Traditional Lamp
	Rated	System		Trim	Height		
72064S-085W03	3.0W	3.16W	240~260lm	Ø85mm	43mm	Ø64mm	25W G503 halogen bulb
72065S-090W05	5.0W	5.26W	400~425lm	Ø90mm	52mm	Ø65mm	40W PAR20 halogen bulb
72085S-110W07	7.0W	7.37W	560~600lm	Ø110mm	55mm	Ø85mm	45W G5.3 halogen bulb
72085S-110W09	9.0W	9.47W	720~780lm	Ø110mm	55mm	Ø85mm	60W PAR30 halogen bulb
72120S-140W20	20.0W	21.05W	1600~1700lm	Ø140mm	80mm	Ø120mm	90W PAR38 halogen bulb
72140S-160W24	24.0W	25.26W	1900~2000lm	Ø160mm	90mm	Ø140mm	100W PAR38 halogen bulb

NOTE: Customized model of various wattage with standard fixture could be provided subject to MOQ as may be specified in reply to trade enquiry.

