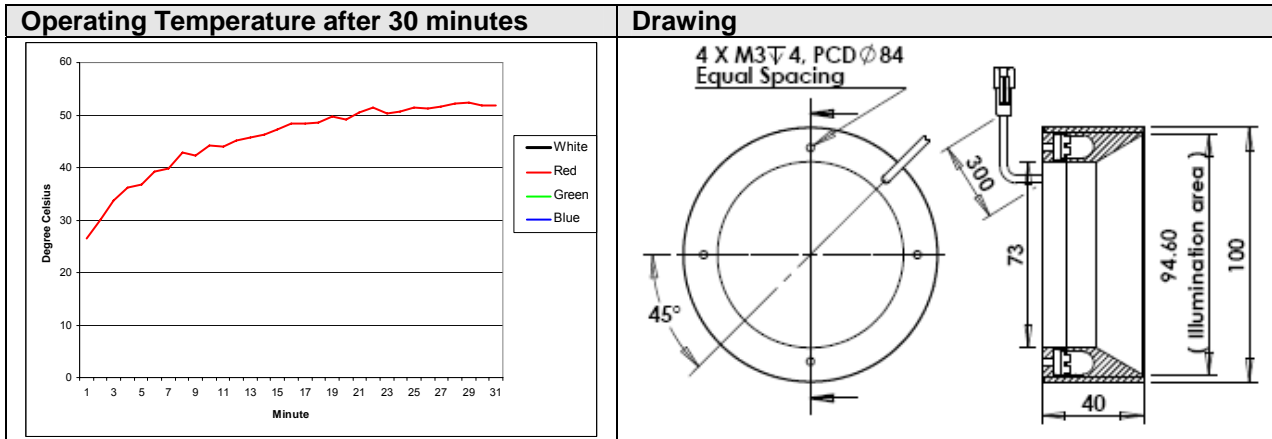




Low Angle Diffused Light

FPR-Si100

Mechanical Data (TYP)	
Casing Material	Aluminum + Diffuse Acrylic
Storage Temperature Range	Temp 0-35°C, Humidity 20-85%
Weight	Approx. 190g

Optical Data (TYP)	R	R24	W	G	B
Illumination (number of LED)	-	96	-	-	-
Led Color	RED		-	-	-
Wavelength	635nm		-	-	-
Led Package	PLCC4		-	-	-

Electrical Data (TYP)	R	R24	W/G/B
Operating Voltage	-	24V ± 2%	-
Reverse Battery Protection	-	YES	-
Supply Ripple Voltage	-	≤ Vs ± 5%	-
Current Consumption	-	0.36A	-
Power Consumption	-	8.64W	-
Trigger Voltage	-	Continuous= 24V Pulsing 48V 0-10% Duty Cycle	-
Operating after 30 minutes	Approx. 52°C		-
Additional Cooling Method	Attached to large machine part		
Life span in continuous mode	20,000 hours (drop to 50% intensity) at 25°C		
Life span in strobe light mode	Est. >50,000 hours (drop to 50% intensity) at 25°C		
Connection	-	JST SMR-03V, 1+;3:-	-
Power Supply Selection	-	PSA-24V PSD-24V PSD-STL-48V	-

Application (TYP)	
Recommended Working Distance	10-30mm