

35L3 Power LED Series & Accessories

Features

High intensity
Excellent heat dissipation

Applications

Indicators
Illumination

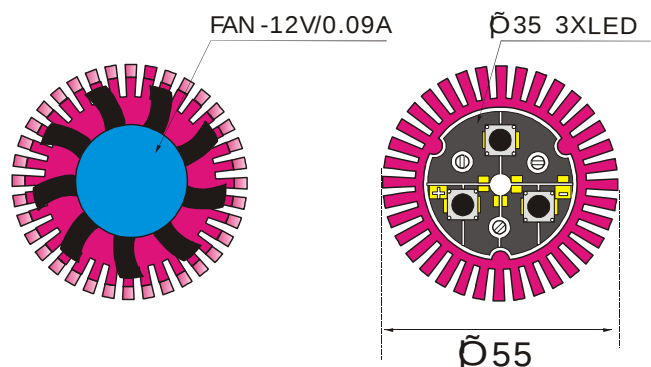
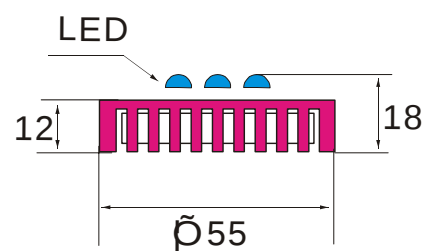


High Power LED



High Power LED & Cooling Accessories

Technical Index					
Heat sink System		Parameter			
Material	Aluminum				
Size	Ø 55 X 13 mm				
Fans size	Ø 46 mm				
Fan Working Voltage	12.0 V ±0.5 V				
Fan Working Current	0.09 A				
Fan Power Dissipation	1.08 W				
LED Electrical Optical Characteristics					
Size	Ø 55 X 2 mm				
Chips Quantity	3				
Emitting Color	R	G	B	W	Y
Wavelength	620-630	520-530	460-470	-----	585-595
Working Voltage	3.20 V	4.70 V	4.70 V	4.70 V	3.2 V
Working Current	1.05 A	1.05 A	1.05 A	1.05 A	1.05 A
Power Dissipation	4.3 W	5.0 W	5.0 W	5.0 W	4.3 W
Luminous Intensity	200 cd	280 cd	280 cd	280 cd	280 cd
Viewing Angle	30 ⁰ or 60 ⁰ or 120 ⁰				
LED Absolute Maximum Ratings					
Forward Current	1.05 A				
Reverse Voltage	5.0 V				
Reverse Current	≤150 μA				
Power Dissipation	4.3 W	5.0 W	5.0 W	5.0 W	4.3 W
Working Temperature	-20 ⁰ C - +50 ⁰ C				
Storing Temperature	-40 ⁰ C - +80 ⁰ C				
Soldering Temperature	-20 ⁰ C - +50 ⁰ C				



ROITHNER LASERTECHNIK
Schoenbrunner Strasse 7
Vienna, Austria
Tel.: +43-1-586 52 43 - 0
Fax.: +43-1-586 52 43 44
office@roithner-laser.com
www.roithner-laser.com