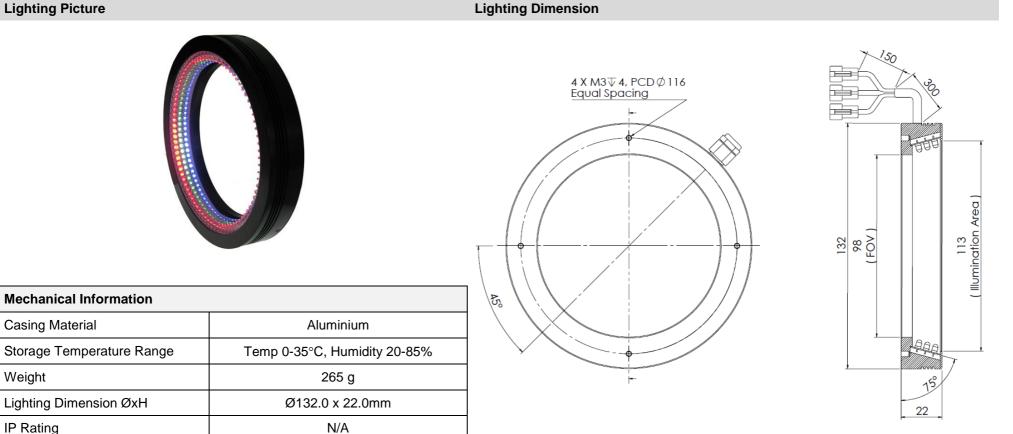




Low Angle Ring Light

FLDR-i132LA3-RGB

Lighting Picture



Unit in mm

Weight

IP Rating



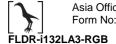


Optical Information			
Led Color	RED(SR24)	GREEN(G)	BLUE (B)
Wavelength	626nm	525nm	470nm
Illumination (number of LED)	84	84	84
Illumination Area	Ø113mm		
Led Package		T1 3mm	
Eye Safety (EN 62471:2008)	Exempt Group		

Electrical Information	SR24 G		В	
Lighting Supply Voltage	24V ± 2%			
(constant voltage mode)	24V ± 2%			
Supply Ripple Voltage	≤ Vs ± 5%			
Reverse Battery Protection	YES			
Typical Lighting Forward voltage, Vf	22.8V	21.0V	21.0V	
(for zero internal resistor value)	22.6 V	21.00	21.00	
Continuous Current	0.14 A (MAX)	0.24 A (MAX)	0.24 A (MAX)	
Power Consumption	3.36 Watts 5.76 Watts 5.76 Watts			
Total Power (SR24+G+B)		14.88 Watts		
Lighting casing temperature,		EZO		
Operating after 60 minutes	57°C			

Strobe Mode Specification	SR24 G B		В
Max. Lighting Supply Voltage	Pulsing at 24VDC to 48VDC,		
(Constant voltage power supply)	0-10% Duty Cycle		
	Recommended at 36VDC		
Pulse Current, (Max. 10msec)	0.35A (MAX)	0.60A (MAX)	0.60A (MAX)
(Constant current power supply)			
Max. Trigger Pulse Duration, msec	10 msec		
Duty Cycle	0 - 10%		

Ordering Option	
FLDR-i132LA3-RGB	With resistor to limit the current
	(Use in both constant voltage/ current power supply)
FLDR-i132LA3-RGB-0	Internal resistor value= zero ohms
	(only use in constant current power supply)







Connection	SR24		G	В
Connector Type (Default):	JST SMR-03Vx3			
	Pin	Signal	Cable Color	
	1	LED +	Black/White	
	2	N.C.		
	3	LED -	Black	
Cable Length out from lighting:	450 mm			

Additional Information	SR24/G/B		
Additional Cooling Method	Attached to machine part for better heat dissipation		
Life span in continuous mode	20,000 hours		
Life span in strobe light mode			
Lighting drop to 50% intensity	50,000 hours		
(at 25°C ambient temperature)			
Intensity Controller Selection	PSA-Series, PSD-Series, LIC-Series		
CE Conformity	YES		
RoHS Compliance	YES		
ISO 9001:2008	SG11/03751		

Application	
Optimal Working Distance	0-20 mm







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