

# Meganova Ringlight

## Benefits:

- Onboard flash controller
- Designed for the integration into Orca enclosures with 3" window
- Flashing with up to 570% nominal current possible
- Excellent heat dissipation
- Colors: R, G, B, IR, white
- Radiation angles: 14°, 23°, 36°, 76°
- Trigger in-/output
- LED protection due to emergency shut down
- Temperature monitoring possible
- Easy programming due to intuitive application surface



## Technical Details:

<b>Operating voltage</b>	24VDC (+-10%)	<b>Pulse Width</b>	50µs - 650ms 10µs steps
<b>Max. Power @permanent operation</b>	12W	<b>Max. Pulse Frequency</b>	1000Hz
<b>Nominal LED Current</b>	350m@100% amplitude	<b>Max. Pulse Delay</b>	10µs
<b>Amplitude Range</b>	50 - 570% (flash)	<b>Max. Jitter Delay</b>	2µs
<b>Trigger Voltage</b>	5-24VDC	<b>Dimensions (d x l)</b>	84.8 x 31mm
<b>Trigger Input Current</b>	10mA	<b>Inner Diameter</b>	36mm
<b>Programming Interface</b>	rs232@9600Baud (TTL level)	<b>Weight</b>	Approx. 150g

Color	Wave Length	Light Current	Light Efficiency	LED Type
Red	623nm	600mW	59%	OSLON SSL80 LR CQ7P
Green	528nm	90lm	87lm/W	OSLON SSL80 LT CQ7P
Blue	470nm	28lm	25lm/W	OSLON SSL80 LB CQ7P
IR	850nm	770mW@1.65W	n/a	SFH 4715A
White 1	4500K	90lm	100lm/W	OSLON SSL80 LCW CR7P.CC



Meganova Control User Interface

## Order Numbers:

LED Color	Radiation Angle	Order Number	LED Color	Radiation Angle	Order Number
Red	14°	36.634.014	White 1	14°	36.450.014
	23°	36.634.023		23°	36.450.023
	36°	36.634.036		36°	36.450.036
	76°	36.634.076		76°	36.450.076
Green	14°	36.521.014	IR	14°	36.860.014
	23°	36.521.023		23°	36.860.023
	36°	36.521.036		36°	36.860.036
	76°	36.521.076		76°	36.860.076
Blue	14°	36.465.014			
	23°	36.465.023			
	36°	36.465.036			
	76°	36.465.076			
			Cables	Order Number	
			5m Power/Trigger, angled connector	36.200.010	
			5m Programming, angled connector	36.200.020	
			5m Power/Trigger, straight connector	36.200.030	
			5m Power/Trigger, shielded, straight	36.200.031	
			5m Programming, straight connector	36.200.040	