

-530

-630

-850

530

625

850

Green

Red

Infrared

Pure White -WHI

525 - 535

618 - 630

n/a

39

17

30

Color Temp 5700 - 7000K CRI 70 typ

EL150 LIGHT

EL Series with Internal Driver

ELECTRICAL:

ELECTRICAL:							
Input Voltage:	23.5-26.4VD	C (24VDC	; ±10%	burst o	disabled))	
Input Current:	200 to 350mA typical (1.5A max for burst) @24VDC Note: Power supply must be capable of 1.5A per light for burst feature to work correctly <u>with supplied cable</u> .						
Strobe Input Impedance						<u></u>	<u></u> .
Strobe Timing:	<20 microse						
0-10V Input Impedanc							
0-10V Input Control:			I ED cu	rrent	(Can be	e left disconnected for 100% LED current)	t)
Variable Intensity:						CCW) to 100% (CW).	.)
						C hyst. for strobe enable / "Error" LED off	f
•	Color Function				011, 0 0		1
4 1 Brown +23.5 to +26.4VDC							
2 White NPN STROBE INPUT: GND for "ON", Open or >Vin-1V for "OFF"							
1 3 3 Blue OVDC (DC GND)							
$\frac{1}{2}$ 5 Black PNP STROBE INPUT: < 1 VDC for "OFF", >3 ≤30 VDC for "ON" 0-10VDC analog intensity control – 0V = 100%, 10V = 0%							
			ity contro		10070, 100		
ENVIRONMENTAL:	a. 0 to 50%						
Operating Temperatur							
Relative Humidity:	5 to 85% no	n-condens	ing			O U TROTAL	
MECHANICAL:				10	Intensity	100 1000 1002 more CE	0
Lighted Area: 150	mm			fonte		SOTABUTBUTCH	
Connector: M12 - 5 pin							
Weight: 8 oz	: (227g)		100		SEC	MADE IN OC	
ILLUMINATION:				1	•	2	
	ED – available ir	4 Colors	and IR	COM.			
Quantity HB LED's: 5							
	^o FWHM Stand	ard				Additional stickers to cover	
23° FWHM Optional						Switch / Potentiometer holes	
39° FWHM Optional							
44x15° FWHM Line Optional							
LED Life: up to 50,000 hours*.							
*Contact us for LED life information							
FEATURES:					Ε.		
Built-in Driver Potentiometer Intensity Control							
Aluminum Single Interface Housing PWM Dimming Capable (with Auto Burst							
 Auto Burst – LED high current for 500µs ±10%, disabled) 							
then drops to standard current Internal Thermal Protection							
 Auto Burst Disable Switch Robot Friendly Weight – 8 oz (227g) 							
 0-10VDC Intensity 	Control						
PART NUMBER DES	GNATION: E	L150-XXX	(
XXX = Light Color - 470,			-				
	λ λ	Spectral			Turning	Т	
	A A A	Special	λPeak		Typical		
			V L Gav	1 1	mW nor	,	
	ninant Dominant	Half-width		Units	mW per	r	
Ту		Half-width Δλ1⁄2	Typical	Units	mW per LED 420	r =	

Spectrum Illumination • 5114 Industrial Park Rd. • Montague, MI 49437 Phone 231-894-4590 • Fax 231-894-4582 www.spectrumillumination.com Rev. Date:

nm

nm

nm

175

200

190

360

518

632

860

Other colors available on request