

ELECTRICAL:

Input Voltage: 23.5-26.4VDC (24VDC \pm 10% burst disabled)

Current:

Model	Input Min TYP	Input Max TYP	Output Continuous	Input Max Burst	Output Burst
ILD35013	150mA	300mA	350mA	1.5	1.3A
ILD70026	300mA	600mA	700mA	2.75	2.6A
ILD105037	450mA	1000mA	1050mA	4.0	3.7A
ILD140050	600mA	1200mA	1400mA	5.5	5.0A

Note: Power supply must be capable of Input Max Burst per driver for the burst feature to work correctly with the supplied cable.

Strobe Input Impedance: 10K Ω – PNP typical, 9.1K Ω – NPN typical

Strobe Timing: <20 microseconds from strobe to LED on

0-10V Input Impedance: 15K Ω typical

0-10V Input Control: 0V = 100%, 10V = 0% LED current. (Can be left disconnected for 100% LED current)

Variable Intensity: Adjustable via trim potentiometer from 0% (CCW) to 100% (CW).

Wiring:	Pin #	Wire Color	Function
	1	Brown	+24VDC (Vin)
	2	White	NPN STROBE INPUT: GND for “ON”, Open or >Vin-1V for “OFF”
	3	Blue	0VDC (DC GND)
	4	Black	PNP STROBE INPUT: < 1 VDC for “OFF”, >3 \leq 30 VDC for “ON”
	5	Gray or Green/Yellow	0-10VDC analog intensity control – 0V = 100%, 10V = 0%

ENVIRONMENTAL:

Operating Temperature: 0 to 50°C

Relative Humidity: 5 to 85% non-condensing

MECHANICAL:

Outside Dims: L 1.54” [39.1] (3.2” [82mm] including connectors)
W 1.9” [48mm]
H 1.22” [31mm]

Connector: Input - M12 - 5 pin
Output - COMBICON MSTB 2,5 Push-X-connection
(other options available on request)

Weight: 0.125 lbs. (57g)

FEATURES:

- Auto Burst – LED high current for 500 μ s \pm 10%, then drops to standard current
- Auto Burst Disable Switch
- 0-10VDC Intensity Control
- Potentiometer Intensity Control
- PWM Dimming Capable (with Auto Burst disabled)

Prototype Images
(Subject to Change)

