

SmartLight™ LED Retrofit Read Light

DPI 5250L MR-11-Size Drop-In Reading Light Replacement



DPI 5250L MR-11 LED Read Light

- » 33° Manual Beam Adjustment
- » Low Heat and Low Power Consumption
- » No Flicker - Continuous Studio Grade Lighting
- » 50,000 Hour Life Cycle
- » Multiple Dimming Options
- » Supports Scenes
- » Optional Halogen
- » Plated to Match Interior
- » NVIS and Tactical Options
- » Drop In Replacement for MR-11 Legacy Lighting
- » 0-800 Lux

Easily Upgrade Legacy MR-11-Sized Passenger Reading Lights with DPI's Feature-Rich 5250L LED Units.

DPI Labs' line of SmartLight™ LED fixtures are purposely designed for each unique type application providing wash, overhead, reading, area, mood and accent for optimal balance of performance, weight, size, reliability, and energy efficiency.

The 5250L MR11 LED Light by DPI Labs is a premium, manual adjustment light for reading and ceiling dome installations. The 5250L offers significant advantages over other offerings in the aircraft industry. The MR-11 LED light operates directly from a +28VDC input and is nearly twice as bright as a typical reading light. The light uses a spectral reflector with a dichroic coating to provide accurately focused and color corrected light. The result is reduced eyestrain and studio-quality, flicker-free lighting.

The 5250L reading lights are drop-in replacements for legacy MR-11-sized halogen reading lights. The units feature high-quality LEDs, a wide voltage input range (5V-28V), a choice of color temperatures and multiple dimming options.

The 5250L read lights are also available in NVIS and red-light tactical options that allows the lighting to be used for special missions. All 5250Ls have special circuitry to ensure no SPOF resulting in white light leakage or flash.



LED Lighting



General Specifications

Electrical

Input Voltage (VDC) 28 VDC
Emergency Lighting Uses 6-28 VDC

Input Power 4.5 W

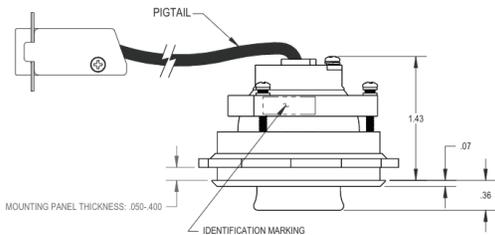
Dimming Options Analog (Voltage Input)
PWM
5V Pot
28V Pot

Physical

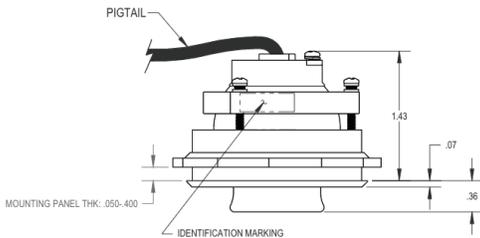
Connector Types PNs -11 thru -14 D-Sub M244308/3
PNs -21 thru -24 TE Connectivity 794616-8
PNs -31 thru -34 TE Connectivity 794616-8

Weight 3.5 OZ (not including pigtail)

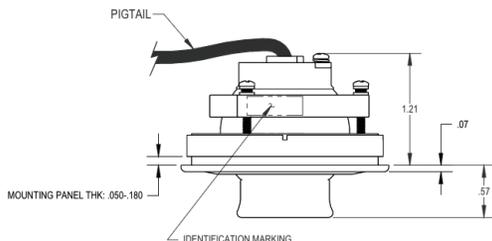
PNs -11 thru -14



PNs -21 thru -28



PNs -31 thru -38



Part Number Guide 5250L-XX-XXX (designates finish)

Dash Number	Pigtail Length*	Dimming	Dimming Control	Beam Size	CCT
-11	11.0"	Continuous	2 Wire	Medium	3000K
-12	11.0"	Continuous	2 Wire	Medium	4000K
-13	11.0"	Continuous	2 Wire	Wide	3000K
-14	11.0"	Continuous	2 Wire	Wide	4000K
-21	7.0"	Continuous	Multi-Mode	Medium	3000K
-22	7.0"	Continuous	Multi-Mode	Medium	4000K
-23	7.0"	Continuous	Multi-Mode	Wide	3000K
-24	7.0"	Continuous	Multi-Mode	Wide	4000K
-25	12.0"	Continuous	Multi-Mode	Medium	3000K
-26	12.0"	Continuous	Multi-Mode	Medium	4000K
-27	12.0"	Continuous	Multi-Mode	Wide	3000K
-28	12.0"	Continuous	Multi-Mode	Wide	4000K
-31	7.0"	Continuous	Multi-Mode	Medium	3000K
-32	7.0"	Continuous	Multi-Mode	Medium	4000K
-33	7.0"	Continuous	Multi-Mode	Wide	3000K
-34	7.0"	Continuous	Multi-Mode	Wide	4000K
-35	12.0"	Continuous	Multi-Mode	Medium	3000K
-36	12.0"	Continuous	Multi-Mode	Medium	4000K
-37	12.0"	Continuous	Multi-Mode	Wide	3000K
-38	12.0"	Continuous	Multi-Mode	Wide	4000K

* Lengths are ± 1.0" All Units are 4.5W

About DPI Lab's SmartLink™ Cabin Management System



SmartLink™ is the industry's most advanced system architecture for integrated cabin management of aircraft cabin lighting, audio/visual components, entertainment systems, and comfort control.

Based on an RS-485 / C-Can data bus, SmartLink offers incomparable performance and flexibility for the particular requirements of private, business, commercial military and VVIP aircraft.

For Sales, Product Support, or Dealership inquiries, please call **909.392.5777** to speak with a **DPI Representative**.

➤ Visit us at dpilabs.com