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Commercial Truck Lighting Explorer Series



Why Explorer

The Explorer LED Light is designed to be a lightweight focused beam for truck and transport usage. With a 105° mounting trunnion bracket, Prime Drive, and 5 watt LED technology for advanced optical precision and light output, the Explorer is the right choice for high light output in industrial and trucking applications.

Key Features

- >105° Adjustable Trunnion Bracket Mount
- >Xtreme Five Watt LED is Driven to 90% Efficiency
- >Vertical Fins Maximize Heat Dissipation
- >Low Power Consumption

Truck and Transport Ready

105° Mounting System

The Explorer features an 105° adjustable trunnion bracket mount to give the optimal adjustability in mounting and aiming the light.

Vertical Heat Fins

The vertical heat fins on the explorer's 6061 extruded aluminium housing is designed to maximize heat dissipation to prolong the life of the LEDs and keep the light running at full output levels.

IP-68 Rated

The Explorer has achieved an ingress protection rating of IP-68, signifying that it is dust-proof and submersible in water up to 3 meters.

Prime Drive - The Smart LED Bar

Electronic Thermal Management

ETM monitors the heat output of the LEDs and makes use of integrated Pulse Width Modulation circuitry in order to maintain safe operating temperatures in order to prolong the LED life span to its full 50,000 hour potential.

Pulse Width Modulation

The Explorer Series utilizes integrated Pulse Width Modulation (PWM) dimming circuitry to manage heat levels. PWM works by flashing the LED at a frequency faster than the human eye can detect, reducing the time that the LED is operating while still delivering 100% light output.

Efficient Circuitry

The LED is driven to 90% efficiency for less wasted energy and more light output.

Pure Optics

With 90% optically pure Vision X optics, you can be sure that you are getting the most distance and most accuracy out of each LED.

SPECIFICATIONS	
Waranty	Extended
LED Lifespan	50,00 Hours

TECHNICAL DETAILS	
Optical Purity	90%
Driven At	90%
Input Voltage	9-32V DC
IP Rating	IP-68
Vibration Rating	15.6G
Operating Temp	-40 C ~ +80 C

ADDED FEATURES	
<ul style="list-style-type: none"> • Waterproof Deutsch Connector • Plug and play harness • Die-Cast Aluminium housing 	

INCLUDED	
<ul style="list-style-type: none"> • Explorer LED Light • Wiring harness • Installation Instructions • Adjustment Allen Wrench • Vision X Decal 	



10° Narrow Beam Light		
Part #	CTL-EPX910	CTL-EPX1110
25° Medium Beam Light		
Part #	CTL-EPX925	CTL-EPX1125
40° Medium Wide Beam Light		
Part #	CTL-EPX940	CTL-EPX1140
60° Wide Beam Light		
Part #	CTL-EPX960	CTL-EPX1160
30° X 65° Elliptical Beam Light		
Part #	CTL-EPX9e3065	CTL-EPX11e3065
L.E.D.S	9	11
Length	132mm	221mm
Lumens (2800mA)	4,437 Lm	5,423 Lm
Amp Draw (12V)	1.66 A	4.5A
Weight	1.18 kg	1.52 kg