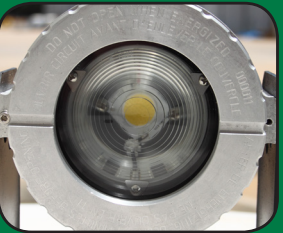
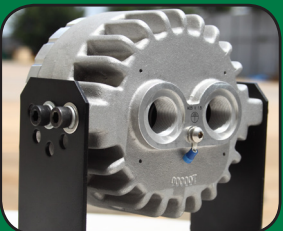


4-point Tilt
Adjustment
Mounting Brackets.



Single CoB Chip
Model Design for
High Lumens Output.



Wide Connection
Ports for Easy
Connection of
Power Cables.



15 Array LED available
in Copper Alloy

Enclosed within a machined aluminum body, Elgin has developed one of the industry's most versatile, durable, high-intensity, multi-array explosion proof, hazardous area LED lights. Designed and manufactured in the United States, Elgin's Model 36760-1 Low Voltage Explosion Proof LED Light has been independently certified to meet the explosion proof standards of OSHA, CSA, ANSI, UL, ATEX, and ISA. Not only does Elgin's new hazardous area lighting solutions outshine comparable lights with more than 2,600 of lumens output, but they consume just 41.4 watts of power. In addition, Elgin's LED lighting solutions can be installed without any restrictions for mounting location or direction.



Model 36760-1 Low Voltage Explosion Proof LED Luminaries

Lamp Dimensions:	5.625" [143.0mm] Diameter, 3.875" [98.5mm] Height
Lamp Weight:	Aluminum 8 lbs [2.72 kg] (Weight includes installation mounting bracket)
Voltage:	9 - 30 Volts DC
Wattage:	Wide Flood 41 Watt 9-30VDC Class 2 Circuit 2.2A @ 9VDC
Brightness:	5000k Neutral White
Total Lumens:	2,600 lm
Chip:	LUMILLEDS CoB LED 1205
Mounting:	4 each MS Mounting Bolts
Guarding:	Guarding by application only

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Ratings

- Class I, Division I, Group BCD T6
- Class II, Division I, Groups EFG
- Class III
- Ex db IIC T6 Gb
- Ex tb IIIC T85°C Db IP66/68
- Class I, Zone 1, Group IIC T6
- Class I, Zone 2 I, Group IIIC
- AEx d IIC T6 Gb
- AEx tb IIIC T85°C Db IP66/68

MSHA



Model 36760 Low Voltage Explosion Proof LED Luminaries UL Ratings
 PART NUMBER FOR ORDERING: 9020-36760
 Lamp Type: LED White and Red (Red can be used as a tail light)
 Lamp Dimensions: 5.625" [143.0mm] Diameter, 3.875" [98.5mm] Height
 Lamp Weight: Aluminum 6 lbs [2.72 kg]
 Cable Entrance Glands: M25 x 1.5 Threaded IP 67/68 (UL Rating Requires Barrier)
 Voltage: 9 - 30 Volts DC
 Wattage: 34.6 Watt LED 9-30 VDC Class 2 circuit 3.84A @ 9VDC LED Luminaries
 Brightness: 5000k Neutral White
 Lumens Per Watts: 130 lm
 Total Lumens: 2,600 lm
 Chip: White Cree XPD & Red Lumileds L135-R6250035
 Wiring: Black - 9 - 30 VDC Com. White + 9 - 30 VDC Pos. Red + 9 - 30 VDC Pos.
 Lighting Configuration: Work Light -25 C to +60 C Operating Temp
 Mounting: 4 each M8 Mounting Bolts (no restrictions for mounting location or direction.)
 Guarding: Guarding by application only



II 2G Ex db op is IIC T6 Gb
 II 2D Ex tb op is IIIC T80°C Db IP 66/68
 Ta= -25°C to +60°C
 CML 16ATEX1298X
 Ex db IIC T6 Gb
 Ex tb IIIC T80°C Db IP 66/68
 IECEx QPS 16.0008X



Class I, Division 1 Groups BCD T6
 Class II, Division 1 Groups EFG
 Class III
 Ta = -25°C to +60°C
 Class I Zone 1 Group IIC T6
 Class I Zone 21 Group IIIC IP 66/68
 Ta = -25°C to +60°C
 AEx db IIC T6 Gb
 AEx tb IIIC T80°C Db IP 66/68

Model 36760-1 Low Voltage Explosion Proof LED Luminaries UL Ratings
 PART NUMBER FOR ORDERING: 9020-36760-1
 Lamp Type: LED White and Red (Red can be used as a tail light)
 Lamp Dimensions: 5.625" [143.0mm] Diameter, 3.875" [98.5mm] Height
 Lamp Weight: Aluminum 6 lbs [2.72 kg]
 Cable Entrance Glands: M25 x 1.5 Threaded IP 67/68 (UL Rating Requires Barrier)
 Voltage: 9 - 30 Volts DC
 Wattage: 41.4 Watt LED 9-30 VDC Class 2 circuit 4.30 A @ 9VDC LED Luminaries
 Brightness: 5000k Neutral White
 Lumens Per Watts: 130 lm
 Total Lumens: 2,600 lm
 Chip: White Lumileds 1205 & Red Lumileds L135-R6250035
 Wiring: Black - 9 - 30 VDC Com. White + 9 - 30 VDC Pos. Red + 9 - 30 VDC Pos.
 Lighting Configuration: Work Light -25 C to +45°C / 60 C Operating Temp
 IN APPLICATIONS WHERE AMBIENT TEMPERATURES EXCEED +45°C A
 HEAT-RESISTANT POWER CABLE SHALL BE INSTALLED WHICH CAN WITHSTAND
 TEMPERATURES OF MINIMUM 80/90 °C IN THIS CASE,
 USED CABLE ENTRY DEVICE (S) SHALL ALSO BE APPROVED FOR MINIMUM
 SERVICE TEMPERATURES OF 90°C
 Mounting: 4 each M8 Mounting Bolts (no restrictions for mounting location or direction.)
 Guarding: Guarding by application only



II 2G Ex db op is IIC T6/T5 Gb
 II 2D Ex tb op is IIIC T80°C/T95°C Db IP 66/68
 Ta= -25°C to +45°C/60°C
 CML 16ATEX1298X
 Ex db IIC T6/T5 Gb
 Ex tb IIIC T80°C/T95°C Db IP 66/68
 Ta= -25°C to +45°C/60°C
 IECEx QPS 16.0008X



Class I, Division 1 Groups BCD
 Class II, Division 1 Groups EFG
 Class III
 Ta = -25°C to +45°C/60°C
 Class I Zone 1 Group IIC T6/T5
 Class I Zone 21 Group IIIC IP 66/68
 Ta = -25°C to +45°C/60°C
 AEx db IIC T6/T5 Gb
 AEx tb IIIC T80°C/T95°C Db IP 66/68

Model 36761 Low Voltage Explosion Proof LED Luminaries UNDER-GROUND ONLY
 PART NUMBER FOR ORDERING: 9020-36761
 Lamp Type: LED White and Red (Red can be used as a tail light)
 Lamp Dimensions: 5.625" [143.0mm] Diameter, 3.875" [98.5mm] Height
 Lamp Weight: Copper Alloy 13 lbs [5.89 kg]
 Cable Entrance Glands: M25 x 1.5 Threaded IP 67/68 (UL Rating Requires Barrier)
 Voltage: 9 - 30 Volts DC
 Wattage: 34.6 Watt LED 9-30 VDC Class 2 circuit 3.84A @ 9VDC LED Luminaries
 Brightness: 5000k Neutral White
 Lumens Per Watts: 130 lm
 Total Lumens: 2,600 lm
 Chip: White Cree XPD & Red Lumileds L135-R6250035
 Wiring: Black - 9 - 30 VDC Com. White + 9 - 30 VDC Pos. Red + 9 - 30 VDC Pos.
 Lighting Configuration: Work Light -25 C to +60 C Operating Temp
 Mounting: 4 each M8 Mounting Bolts (no restrictions for mounting location or direction.)
 Guarding: Guarding by application only



I M2 Ex db op is I Mb IP 66/68
 Ta= -25°C to +60°C
 CML 16ATEX1298X
 Ex db I Mb IP 66/68
 Ta= -25°C to +60°C
 IECEx QPS 16.0008X

Model 36761-1 Low Voltage Explosion Proof LED Luminaries UNDER-GROUND ONLY
 PART NUMBER FOR ORDERING: 9020-36761-1
 Lamp Type: LED White and Red (Red can be used as a tail light)
 Lamp Dimensions: 5.625" [143.0mm] Diameter, 3.875" [98.5mm] Height
 Lamp Weight: Copper Alloy 13 lbs [5.89 kg]
 Cable Entrance Glands: M25 x 1.5 Threaded IP 67/68 (UL Rating Requires Barrier)
 Voltage: 9 - 30 Volts DC
 Wattage: 41.4 Watt LED 9-30 VDC Class 2 circuit 4.30 A @ 9VDC LED Luminaries
 Brightness: 5000k Neutral White
 Lumens Per Watts: 130 lm
 Total Lumens: 2,600 lm
 Chip: White Lumileds 1205 & Red Lumileds L135-R6250035
 Wiring: Black - 9 - 30 VDC Com. White + 9 - 30 VDC Pos. Red + 9 - 30 VDC Pos.
 Lighting Configuration: Work Light -25 C to +45°C / 60 C Operating Temp
 IN APPLICATIONS WHERE AMBIENT TEMPERATURES EXCEED +45°C A HEAT-RESISTANT POWER CABLE SHALL
 BE INSTALLED WHICH CAN WITHSTAND TEMPERATURES OF MINIMUM 80/90 °C IN THIS CASE, USED CABLE ENTRY DEVICE(S)
 SHALL ALSO BE APPROVED FOR MINIMUM SERVICE TEMPERATURES OF 90°C
 Mounting: 4 each M8 Mounting Bolts (no restrictions for mounting location or direction.)
 Guarding: Guarding by application only



I M2 Ex db op is I Mb IP 66/68
 Ta= -25°C to +60°C
 CML 16ATEX1298X
 Ex db I Mb IP 66/68
 Ta= -25°C to +60°C
 IECEx QPS 16.0008X

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