

# MetaBright™ Exolight

Model#: ISO-4

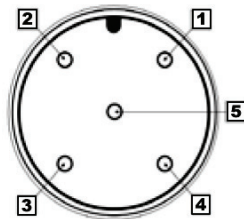


- ExoLight™ Isotropic diffused 8" fluorescent replacement style LED light.
- Whiter, brighter light with better stability than high frequency ballast T2 Fluorescent tubes.
- About 3 times brighter than fluorescent tubes.
- Our fluorescent replacement lights can be configured for wavelength and other specifications.
- Patent Pending technology.

Part #	Color	Power Supply	Specifications:
ISO-4-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption 0.2A
ISO-4-R-24	Red 630nm		Finish Powder Coated Black
ISO-4-B-24	Blue 455nm		Intensity Uniformity +/-5%
ISO-4-G-24	Green 530nm		Weight
ISO-4-IRN-24	Infrared 850nm		Operating Temperature 120° F Max
ISO-4-IRL-24	Infrared 880nm		Compliance CE/RoHS
ISO-4-UVL-24	UV 395nm		Lifetime Hours 75,000 Hours
ISO-4-UVS-24	UV 365nm		

10 ft. flying leads come standard on all products.  
 Light features built-in constant current driver.  
 No expensive controller required.

M12 Connector	
PIN #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	Ground
4	Signal Ground



### Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground
WHITE	+24VDC
GREEN	Ground

24 AWG 4 WIRES CABLE X 1  
 When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

### ORDERING INFORMATION:

• ISO - 4 -  - 2 4 -

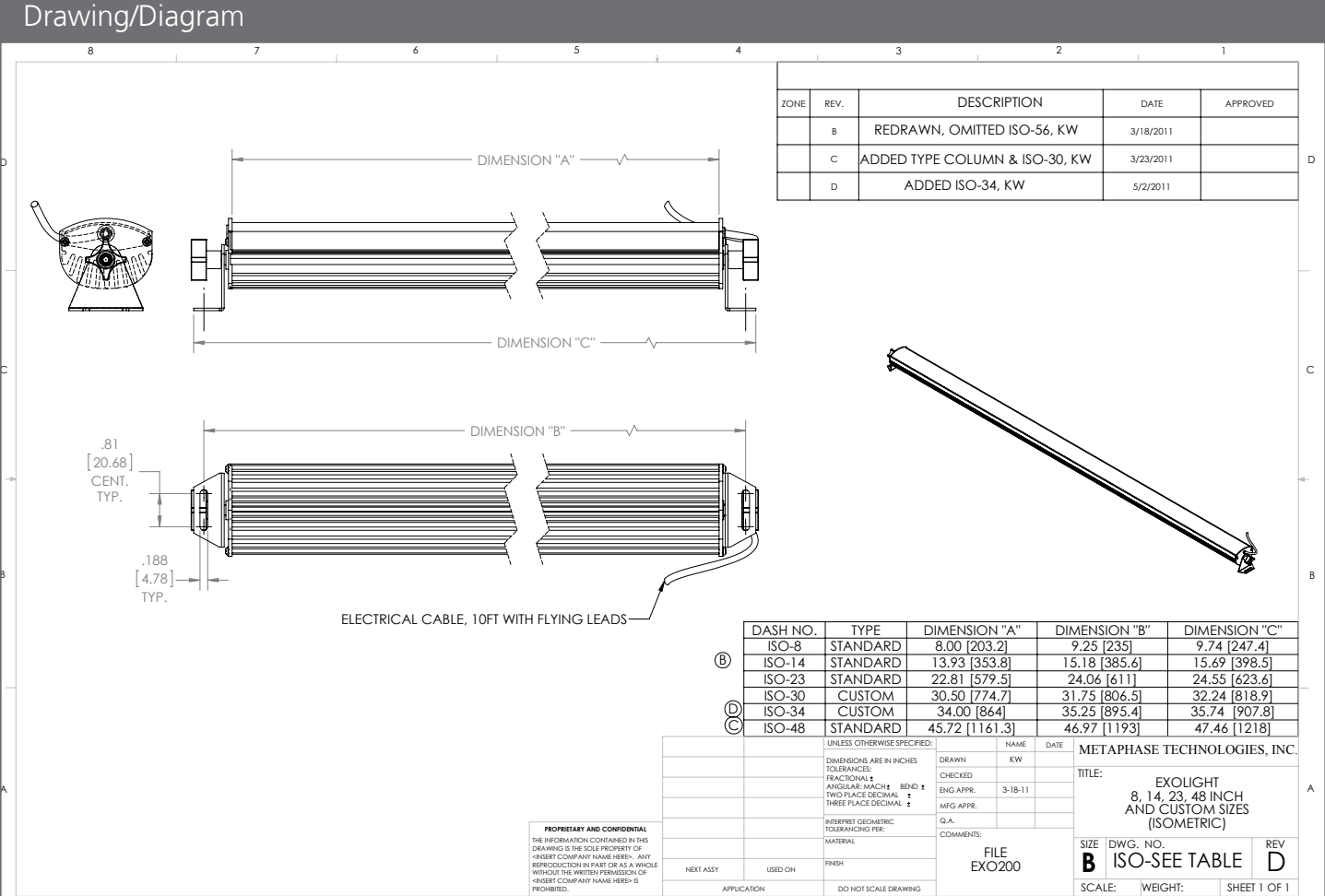
<b>W</b>	White 5500k	<b>*BLANK</b>	10 ft. Flying Leads
<b>R</b>	Red 630nm	<b>T</b>	M12 Quick Disconnect
<b>G</b>	Green 530nm	<b>ILD</b>	In Line Dimmer
<b>B</b>	Blue 455 nm	<b>ILS</b>	In Line Strobe (customer provide trigger info)
<b>IRL</b>	Infrared 880nm		
<b>UVL</b>	(long) 395nm		
<b>UVS</b>	(short) 365nm		

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Active Area	Dimensions
4 in x	4in x 4.62in x 4.87in

### Drawing/Diagram



**REVISIONS**

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	B	REDRAWN, OMITTED ISO-56, KW	3/18/2011	
	C	ADDED TYPE COLUMN & ISO-30, KW	3/23/2011	
	D	ADDED ISO-34, KW	5/2/2011	

**ISO DIMENSIONS**

DASH NO.	TYPE	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"
ISO-8	STANDARD	8.00 [203.2]	9.25 [235]	9.74 [247.4]
ISO-14	STANDARD	13.93 [353.8]	15.18 [385.6]	15.69 [398.5]
ISO-23	STANDARD	22.81 [579.5]	24.06 [611]	24.55 [623.6]
ISO-30	CUSTOM	30.50 [774.7]	31.75 [806.5]	32.24 [818.9]
ISO-34	CUSTOM	34.00 [864]	35.25 [895.4]	35.74 [907.8]
ISO-48	STANDARD	45.72 [1161.3]	46.97 [1193]	47.46 [1218]

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**UNLESS OTHERWISE SPECIFIED:**  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL: ±  
 ANGULAR: MACH ± BEND ±  
 TWO PLACE DECIMAL ±  
 THREE PLACE DECIMAL ±  
 INTERPRET GEOMETRIC TOLERANCING PER:  
 MATERIAL:  
 FINISH:  
 APPLICATION: USED ON: DO NOT SCALE DRAWING

**FILE EXO200**

**TITLE:** EXOLIGHT 8, 14, 23, 48 INCH AND CUSTOM SIZES (ISOMETRIC)

**SIZE DWG. NO. REV**  
**B ISO-SEE TABLE D**

SCALE: WEIGHT: SHEET 1 OF 1