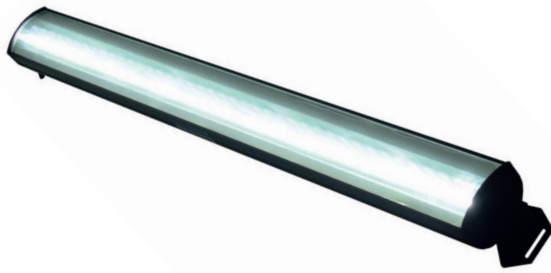


MetaBright™ Exolight™

Model#: ISO-48



- ExoLight™ Isotropic diffused 48" 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-48-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption	2.4A
ISO-48-R-24	Red 630nm		Finish	Powder Coated Black
ISO-48-B-24	Blue 455nm		Intensity Uniformity	+/-5%
ISO-48-G-24	Green 530nm		Illuminance	165,000 Lux
ISO-48-IRN-24	Infrared 850nm		Operating Temperature	120° F Max
ISO-48-IRL-24	Infrared 880nm		Compliance	CE/RoHS
ISO-48-UVL-24	UV 395nm		Lifetime Hours	75,000 Hours
ISO-48-UVS-24	UV 365nm			

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

Contact Us:

Contact your Metaphase Technologies Representative for options including: Diffuser Choice, Polarizer & Light Control Film, Specific Intensity & Uniformity, & Wavelength.

Active Area	Dimensions
48 in 1219.2mm	45.72in x 46.97in x 47.46in 1161.3mm x 1193mm x 1218mm

ORDERING INFORMATION:

• I S O - 4 8 - - 2 4 -

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

MetaBright™ Exolight™ Model#: ISO-48

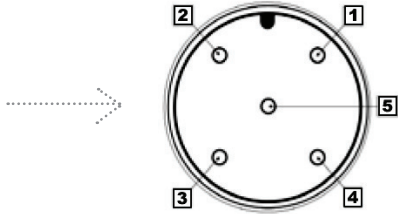
Wiring Diagram

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

M12 Connector

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



Drawing/Diagram

LINE	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	
E		ADDED DIMENSIONS, KW	8/30/2011	
F		ADDED ISO-19 AND CHANGED SHEET FORMAT FROM "B" TO "C", KW	9/1/2011	
G		DRAWING NUMBER WAS EX0220 (ISO), ADDED DIMENSIONS, KW	11/3/2011	
H		ADDED ISO-40, KW	12/28/2011	
J		ADDED ISO-53 AND ISO-57, KW	1/11/2012	
K		ADJUSTED DIMENSION LOCATIONS, KW	1/30/2012	
L		ADDED ISO-2 AND ISO-4, KW, ECR 0041	4/2/2012	

DASH NO.	TYPE	DIMENSION "A"	DIMENSION "B"	DIMENSION "C"
ISO-2	CUSTOM	2.86 [72.6]	4.11 [104.4]	4.60 [117]
ISO-4	CUSTOM	4.10 [104]	5.35 [136]	5.84 [148]
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-19	CUSTOM	19.00 [482.4]	20.25 [514.4]	20.74 [528.8]
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]
ISO-53	CUSTOM	53.00 [1346]	54.25 [1378]	54.74 [1390]