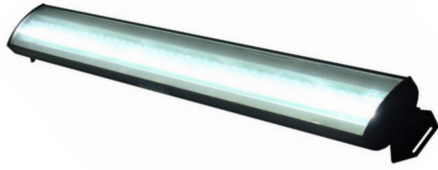


MetaBright™ Exolight

Model#: ISO-14

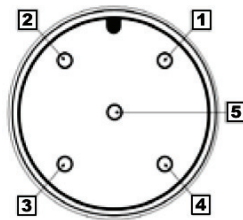


- ExoLight™ Isotropic diffused 14" fluorescent replacement style LED light.
- Whiter, brighter light with better stability than high frequency ballast T2 Fluorescent tubes.
- About 3 times brighter than fluorescent tubes.
- Our fluorescent replacement lights can be configured for wavelength and other specifications.
- Patent Pending technology.

Part #	Color	Power Supply	Specifications:
ISO-14-W-24	White 6000 K	24 volt power supply available upon request.	Current Consumption 0.8A
ISO-14-R-24	Red 630nm		Finish Powder Coated Black
ISO-14-B-24	Blue 455nm		Intensity Uniformity +/-5%
ISO-14-G-24	Green 530nm		Weight
ISO-14-IRN-24	Infrared 850nm		Operating Temperature 120° F Max
ISO-14-IRL-24	Infrared 880nm		Compliance CE/RoHS
ISO-14-UVL-24	UV 395nm		Lifetime Hours 75,000 Hours
ISO-14-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 - 14 - - 24 -

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-14

Active Area	Dimensions
14 in x	13.93in x 15.18in x 15.69in

Drawing/Diagram

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	

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]

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC.
DRAWN	KW			
CHECKED				
ENG APPR.	3-18-11			
MFG APPR.				
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.		TITLE: EXOLIGHT 8, 14, 23, 48 INCH AND CUSTOM SIZES (ISOMETRIC)
MATERIAL:		COMMENTS:		
NEXT ASSY		USED ON	FRESH	FILE EXO200
APPLICATION		DO NOT SCALE DRAWING		SIZE DWG. NO. REV B ISO-SEE TABLE D
				SCALE: WEIGHT: SHEET 1 OF 1

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