

Darkroom Safelights

1x1 Darkroom Safelights With Colored LED Light

- **For Low Level Illumination**
- **Provided with narrow spectrum non-filtered LEDs**
- **Provided up to 3 light sources in (1) enclosure**
- **Made in the USA by a Family Owned US Corporation**



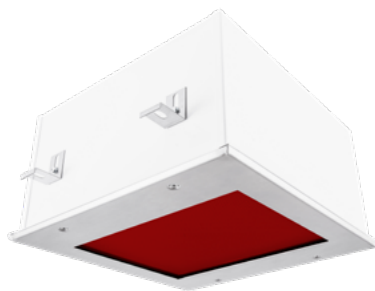
DISCLAIMER: Although KURTZON has prepared the information contained in this document with all due care, KURTZON does not warrant or represent that the information is free from errors or omission. While the information is considered to be true and correct at the date of publication, changes in circumstances after the time of publication may impact on the accuracy of the information. The information may change without notice and KURTZON is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

ORDERING GUIDE

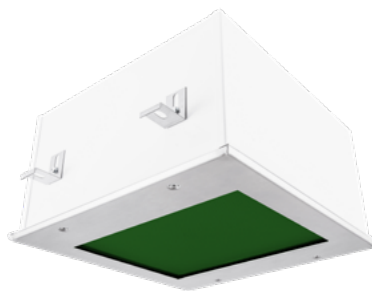
Series Installation Type Material Size Red LED (660nm) Green LED (555nm) Amber LED (590nm) White LED (By Others) Voltage

DS

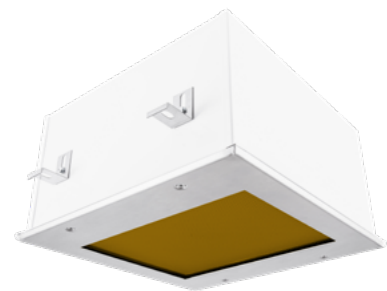
Series	Installation Type	Material	Size	LED Source Choose Up To 3 Total				Voltage
				Red LED (660nm)	Green LED (555nm)	Amber LED (590nm)	White LED (By Others)	
DS	F/G: Recessed (Suitable for Flange & Grid) S: Surface	2: White CRS Hsg. & Polished 304 SS Door	1x1: 1' x 1' Housing	1/RLED660	1/GLED555	1/YLED590	1/WLED	120V
				2/RLED660	2/GLED555	2/YLED590	2/WLED	
				3/RLED660	3/GLED555	3/YLED590		



Red (660nm)



Green (555nm)



Amber (590nm)

Darkroom Safelights

1x1 Darkroom Safelights With Colored LED Light

SPECIFICATIONS

HOUSING: Lapped and spot welded 20-gauge CRS construction.

DOOR FRAME: 20Ga gauge 4B satin polished stainless steel door frame. Door frame neoprene gasketed to housing and secured with flush mounted captive stainless steel fasteners. Hinged to housing with stainless steel cables.

REFLECTOR: Die formed metal with high reflectance white polyester powder coat finish. Typical reflectivity 92%.

LENS: 0.156" thick C73 prismatic tempered glass neoprene gasketed (closed cell) in door frame.

LED: Select up to three light sources in one enclosure. Lights can be different colors or the same. LEDs are self-ballasted non-filtered LEDs that generate a narrow spectrum of light safe for the applications. Available with Green (555nm), Amber (585nm), Red (660nm), or White light. Lamps are non dimming but can be field tuned.

ELECTRICAL: Single 1/2 inch trade size conduit knockout located on rear of housing for wiring.

FINISH: White powder coat finish (1,000 hour salt spray test) for housing and 4B satin polish stainless steel finish for doorframe.

RECESSED INSTALLATION: Suitable for both Flanged and Grid installation. Yoke hanger mounting is standard for a secure installation in plaster or drywall ceilings. T-Bar supports are provided for simple grid installation. Support to structure by others.

SURFACE INSTALLATION: Four .312 dia. holes in rear of housing for mounting.

WARRANTY: Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty.

ENERGY DATA

DARKROOM SAFELIGHT							
ENCLOSURE SIZE	LAMP TYPE ²	LUMEN OUTPUT ³			LAMP WATTAGE	WAVELENGTH	MAX AMBIENT TEMP (°C) ^{****}
		1 LAMP ¹	2 LAMPS ¹	3 LAMPS ¹			
1X1	RED	7.8 Lm	15.6 Lm	23.4 Lm	3W / LAMP	660 nm	40°C (104°F)
1X1	GREEN	2.0 Lm	4.0 Lm	6.0 Lm	3W / LAMP	555 nm	40°C (104°F)
1X1	AMBER	1.7 Lm	3.4 Lm	5.1 Lm	3W / LAMP	585 nm	40°C (104°F)
1X1	WHITE ⁴	SOCKET PROVIDED WHEN ORDERED, LAMPS BY OTHERS					40°C (104°F)

¹ MAXIMUM OF 3 LAMPS CAN BE SPECIFIED PER FIXTURE

² EACH LAMP IS A SELF BALLASTED TYPE AND IS INDIVIDUALLY CONTROLABLE.

³ TOTAL GENERATED LUMENS PER MFG DATA

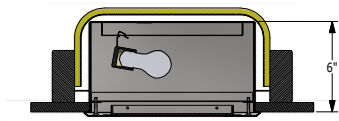
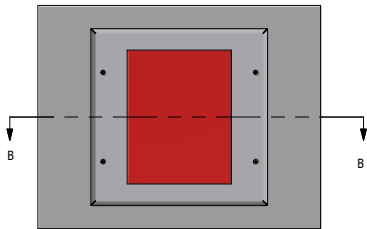
⁴ WHITE LAMPS ARE STANDARD RESIDENTIAL INCANDESCENT REPLACEMENTS AND ARE BY OTHERS UNLESS SPECIFIED OTHERWISE

Darkroom Safelights

1x1 Darkroom Safelights With Colored LED Light

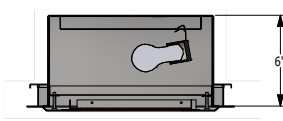
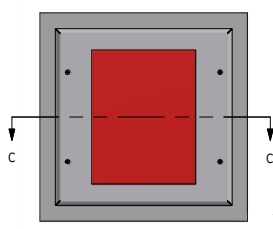
PRODUCT DRAWINGS

DRYWALL INSTALLATION



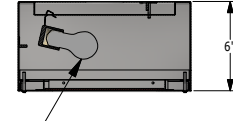
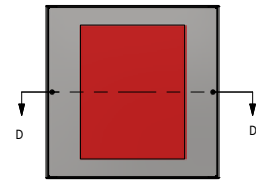
SECTION B-B

GRID INSTALL



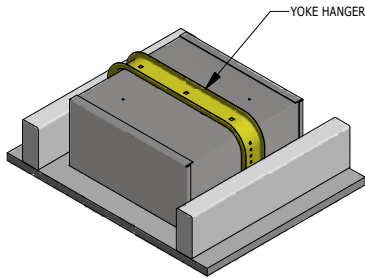
SECTION C-C

SURFACE INSTALL

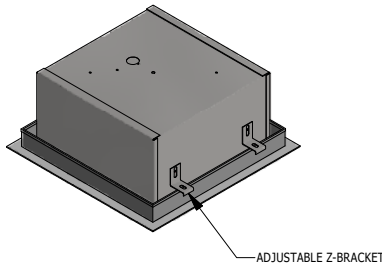


SECTION D-D

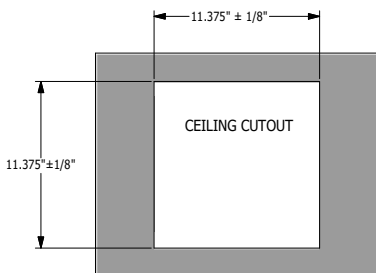
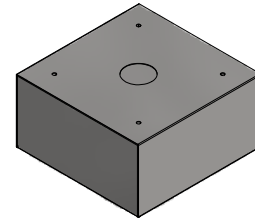
INCANDESCENT BULB (BY OTHERS)
OR SELF BALLASTED LED (MAX 3 PER 1X1 FIXTURE)



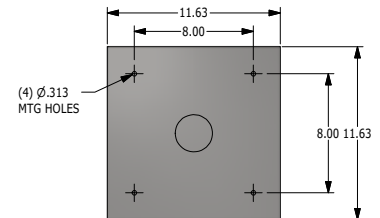
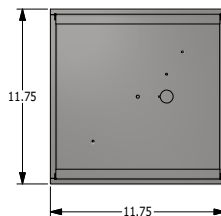
YOKE HANGER



ADJUSTABLE Z-BRACKET



CEILING CUTOUT



(4) \varnothing .313
MTG HOLES

07-AA-L-1X1 DARKROOM DWG DATE: 4/12/2017