KURTZON
SPECIFICATION GRADE LIGHTING
ILLUMINATING YOUR WORLD

Darkroom **Safelights: DKS-S-1X1-LED**

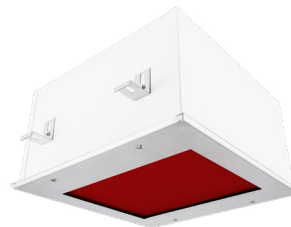## 1x1 Darkroom Safelights With Colored LED Light Sources

- **For Low Level Illumination**

- **Provided with narrow spectrum non-filtered LEDS**

- **Available in Red, Red/White. Amber, Amber/White, Green, Green/White colors.**

- **Suitable for surface ceiling mounting**

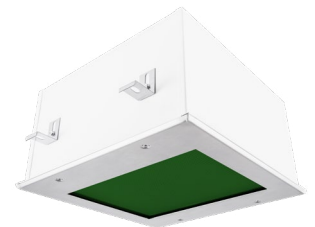- **B.A.A. & B.A.B.A Compliant & Made in the USA by a Family Owned US Corporation**

White (80 CRI)   **Amber (590nm)**

Red (660nm)   **Green (540nm)**

5/10 YEAR WARRANTY   MADE IN THE USA   c ETL us Intertek   BAA COMPLIANT   BABA COMPLIANT

ORDERING GUIDE

Series	Material	Size	Light Source	Voltage	Optics	Options
DKS-S	2	1x1		UNV		

Series	Material	Size	Light Source	Voltage	Optics	Options
DKS-S	2 White CRS Hsg. & Polished 304 SS Door	1x1 1' x 1' Housing	AMB 590nM	UNV	FROST* 0.125" Flat Diffusing Frost Acrylic	D2OFF 0-10V 1% Dim To Off
			AMB/WHT 590nM/80CRI 4000K CCT		TG .156" Prismatic C73 Tempered Glass	TP Tamper Proof Fasteners
			RED 660nM		LEX .125" Prismatic Polycarbonate	WHT White Finished Door & HSG
			RED/WHT 660nM/80CRI 4000K CCT			INTDIM Integral 0-10V Adjustable Dimming Knob
			GRN 540nM		*Note: FROST option is standard and will be provided when no other option is selected	AMW Anti-Microbrial White Powdercoat
			GRN/WHT 540nM/80CRI 4000K CCT			
			(Select only one light source)			

Ordering Notes, If Applicable

Darkroom **Safelights: DKS-S-1X1-LED**

1x1 Darkroom Safelights With Colored LED Light Sources

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%.

OPTICS: 0.125" frost acrylic lens standard when no options are selected. All prismatic lensing is inverted so smooth side faces out.

LED: Provided with Narrow Spectrum non-filtered dimmable LED light sources. Available in DEEP RED (660nm), TRUE AMBER (590nm), Or GREEN (540nm) light spectrums. Additionally, each color is also available with a separately switched and dimmable white light source as well (80+ CRI; 4000K CCT).

ELECTRICAL: Single 1/2 inch trade size conduit knockout located on rear of housing for wiring. Each color comes with its own dedicated 0-10v 1% dimming driver. INTDIM option provides a rotary dimmer mounted inside the light fixture for field adjusting the illumination intensity for applications that cannot run new dimming wires. Consult factory for other options or requirement not shown.

FINISH: White powder coat finish (1,000 hour salt spray test) for housing and 4B satin polish stainless steel finish for doorframe.
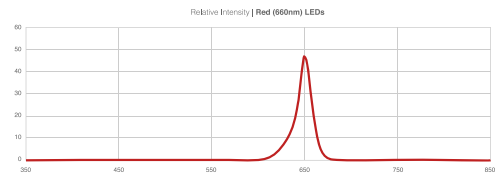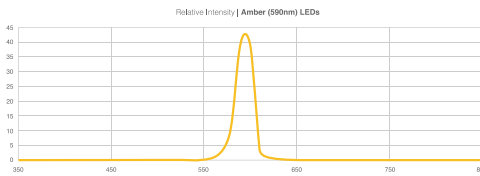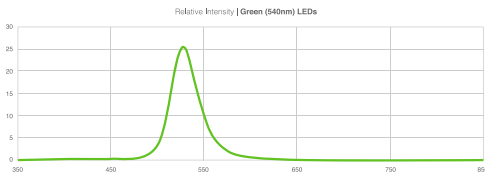
INSTALLATION: Four .312 dia. holes in rear of housing for mounting.

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

LISTINGS: This product Series is both Build America Buy America (B.A.B.A.) & Buy American Act (B.A.A.) compliant.

INTDIM OPTION: Rotary dimmer knob installed inside luminaire for field adjustability where 0-10v dimming wires cannot be run in the room. Only accessible inside the luminaire so the door frame must be removed. Dimming knob will only control the colored LED. Dimmer provides dim range of ~3% to 100% intensity.

RELATIVE INTENSITY

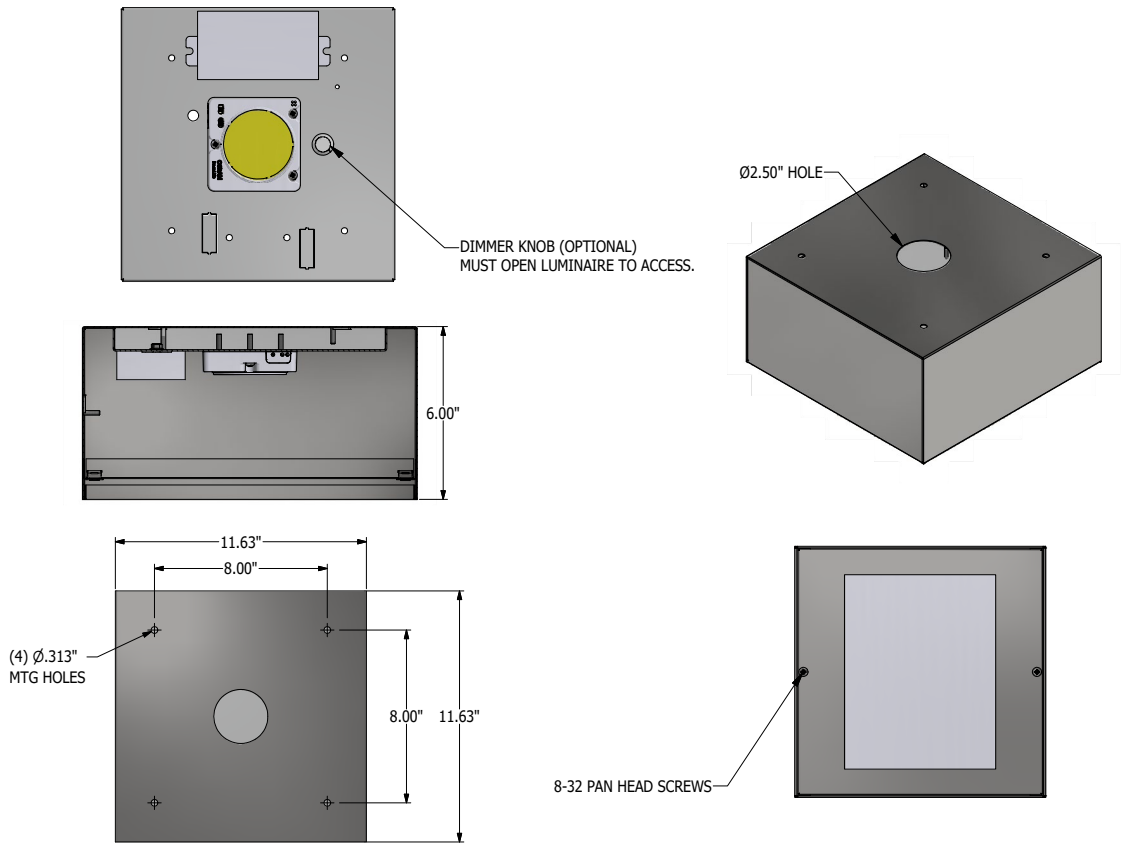Relative Intensity | Green (540nm) LEDs

Relative Intensity | Amber (590nm) LEDs

Relative Intensity | Red (660nm) LEDs

ENERGY DATA

DARKROOM SAFELIGHT						
ENCLOSURE SIZE	LAMP TYPE	LUMEN OUTPUT	LAMP WATTAGE	WAVELENGTH	DIMMING	MAX AMBIENT TEMP (°C)
1X1	RED	50.4	4.2	660 nm	0-10V 1%	40°C (104°F)
1X1	AMBER	83.7	4.4	590 nm	0-10V 1%	40°C (104°F)
1X1	GREEN	167.7	4.4	540 nm	0-10V 1%	40°C (104°F)
1X1	WHITE (80 CRI, 4000K)	1,378.0	20	N/A	0-10V 1%	40°C (104°F)

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PRODUCT DRAWINGS

DKS-S-1X1

DIMMER KNOB (OPTIONAL)
MUST OPEN LUMINAIRE TO ACCESS.

Ø2.50" HOLE

6.00"

11.63"

8.00"

(4) Ø.313"
MTG HOLES

8.00"   11.63"

8-32 PAN HEAD SCREWS

07-AA-L-1X1 SURF DARKROOM DWG DATE: 12/29/2020

DIMMER KNOB (OPTION)

DIMMER KNOB (OPTIONAL)
MUST OPEN LUMINAIRE TO ACCESS.