KURTZON
SPECIFICATION GRADE LIGHTING
ILLUMINATING YOUR WORLD

PROJECT

DATE   TYPE

NOTES

REV: 01/29/2025

Darkroom **Safelights: DKS-F/G-1X2-LED**

1x2 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.**

- **2 compartment light fixture**

- **Suitable for recessed installation**

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

Red (660nm) shown. Also available in Amber (590nm) and Green (540nm) narrow spectrum wavelengths.

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

ORDERING GUIDE

Series	Material	Size	Compartment 1 Light Source	Compartment 2 Light Source	Voltage	Optics	Options
DKS-F/G	**2**	**1x2**			**UNV**		

Series	Material	Size	Light Source	Light Source	Voltage	Optics	Options
DKS-F/G	**2** White CRS Hsg. & Polished 304 SS Door	**1x2** 1' x 2' Housing	**AMB** 590nM	**AMB** 590nM	**UNV**	**FROST** 0.125" Flat Diffusing Frost Acrylic	**D2OFF** 0-10V 1% Dim To Off
			AMB/WHT 590nM/80CRI 4000K CCT	**AMB/WHT** 590nM/80CRI 4000K CCT		**TG** 0.156" Prismatic C73 Tempered Glass	**WHT** White Finished Door & HSG
			RED 660nM	**RED** 660nM		**LEX** 0.125" Prismatic Polycarbonate	**INTDIM** Integral 0-10V Adjustable Dimming Knob
			RED/WHT 660nM/80CRI 4000K CCT	**RED/WHT** 660nM/80CRI 4000K CCT			**AMW** Anti-Microbrial White Powdercoat
			GRN 540nM	**GRN** 540nM		NOTE: FROST option is standard and will be provided when no other option is selected	
			GRN/WHT 540nM/80CRI 4000K CCT	**GRN/WHT** 540nM/80CRI 4000K CCT			
				WHT 80CRI 4000K CCT			
			(Select only one light source)	(Select only one light source)			

Ordering Notes, If Applicable

Darkroom **Safelights: DKS-F/G-1X2-LED**

1x2 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: Octagon box mounted on back of housing for wiring access on recessed housings. 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: Stainless steel door frames are satin polished unless WHT or AMW options are selected. All other materials are provided with gloss high reflectance white polyester powdercoat with 1000hr salt spray test per ASTM B117. AMW option provides a white anti-microbial polyester powder coat to all exposed surfaces.
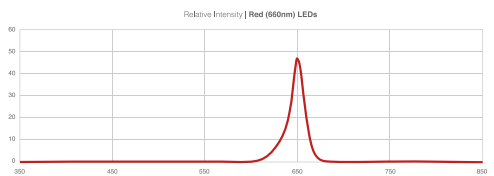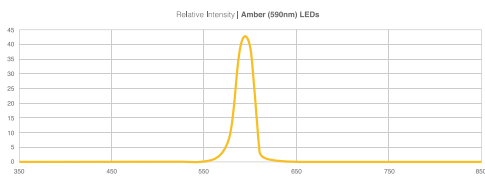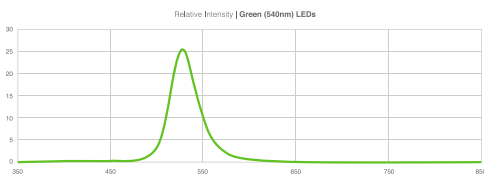
INSTALLATION: Suitable for both Flanged and Grid installation. Yoke hanger mounting is standard for a secure installation in plaster or drywall ceilings. T-Bar supports are provided for simple grid installation. Support to structure by others.

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

ENCLOSURE SIZE	LAMP TYPE	LUMEN OUTPUT	LAMP WATTAGE	WAVELENGTH	DIMMING	MAX AMBIENT TEMP (°C)
		PER COMPARTMENT				
1X2	RED	50.4	4.2	660 nm	0-10V 1%	40°C (104°F)
1X2	AMBER	83.7	4.4	590 nm	0-10V 1%	40°C (104°F)
1X2	GREEN	167.7	4.4	540 nm	0-10V 1%	40°C (104°F)
1X2	WHITE (80 CRI, 4000K)	1,378.0	20	N/A	0-10V 1%	40°C (104°F)

DARKROOM SAFELIGHT

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PRODUCT DRAWINGS

DKS-F/G-1X2

OCTOGON BOX

DIMMER KNOB (OPTIONAL) MUST OPEN LUMINAIRE TO ACCESS.

ADJUSTABLE Z-BRACKET

YOKE HANGER

23.75"

8.66"

6.20"

23.00"

-CEILING CUTOUT-

11.38"

22.82"

11.25"

11.16"

11.75"

8-32 FLAT HEAD SCREWS SECURE DOOR FRAME TO HOUSING

07-BA-L-1X2 REC DARKROOM DWG DATE: 1/08/2021