

Darkroom Safelights: DKS-F/G-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.**
- **B.A.A. Compliant & Made in the USA by a Family Owned US Corporation**
- **Suitable for recessed installation**



White (80 CRI)



Amber (590nm)



Red (660nm)



Green (540nm)



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ORDERING GUIDE

| Series | Material | Size | Light Source | Voltage | Optics | Options |
|----------------|--|----------------------------|--|------------|--|--|
| DKS-F/G | 2 | 1x1 | | UNV | | |
| DKS-F/G | 2 White CRS Hsg. & Polished 304 SS Door | 1x1 1' x 1' Housing | AMB 590nm AMB/WHT 590nm/80CRI 4000K CCT RED 660nm RED/WHT 660nm/80CRI 4000K CCT GRN 540nm GRN/WHT 540nm/80CRI 4000K CCT (Select only one light source) | UNV | FROST* 0.125" Flat Diffusing Frost Acrylic TG 0.156" Prismatic C73 Tempered Glass LEX 0.125" Prismatic Polycarbonate *Note: FROST option is standard and will be provided when no other option is selected | D2OFF 0-10V 1% Dim To Off TP Tamper Proof Fasteners WHT White Finished Door & HSG INTDIM Integral 0-10V Adjustable Dimming Knob AMW Anti-Microbial White Powdercoat |

Ordering Notes, If Applicable

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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.

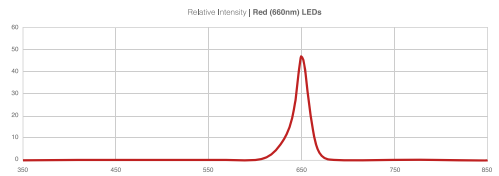
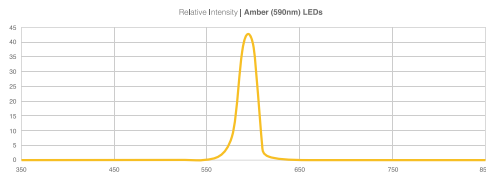
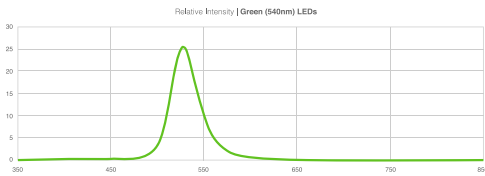
FINISH: White powder coat finish (1,000 hour salt spray test) for housing and 4B satin polish stainless steel finish for doorframe.

INSTALLATION: 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

INTDIM OPTION: Rotary dimmer knob installed inside luminare for field adjustability where 0-10v dimming wires cannot be run in the room. Only accessible inside the luminare 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



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

