

# KREIOS® FLx 90W

Dimmable LED Work Light Fixture



The OSRAM KREIOS FLx (Flood Light) LED fixture is a work light designed for theatres and other large venues. It's IP65 rating makes it a great solution for outdoor flood lighting. Delivering a high luminous intensity equal to 500W tungsten fixtures, the KREIOS FLx allows superior illumination of the stage during set construction and rehearsals. The color temperature and CRI have been selected to allow for accurate color rendering and a warm, inviting quality of light.



## Key Features & Benefits

- Lumens: 5000, equal to a 500W halogen fixture
- 82% less energy than traditional halogen fixtures, thus saving on electricity and ambient cooling costs
- L<sub>70</sub> life rating of 40,000 hours. Twenty times more life than traditional halogen work light fixtures, yielding significant savings in replacement lamp and labor costs
- CCT: 3500K
- CRI of 92 ensures reliable color rendering with OSRAM OSOLON® LEDs
- No UV/IR emissions
- Compact & lightweight, easy to install
- Voltage: 120V
- IP65 rated for outdoor use
- Passive cooling, completely silent
- Black housing color maintains low visibility when not in use
- Diffused glass reduces glare and provides for a more comfortable workspace
- 3 ft. power cord, unterminated
- Gel frame accessory (included) enables quick and easy color changes
- Dimmable via Mains Voltage dimming (dimmer racks). Performance varies between dimmer models and manufacturers

## Optional Accessories\*



Barndoors  
City Theatrical Part #2542



Half Hat  
City Theatrical Part #2541

\*Contact your KREIOS fixture dealer for availability and pricing

## Application Information

### Applications

- Work light for theatre set construction and rehearsals
- General large area illumination
- Outdoor flood lighting



Work Light for Theatre Set Construction, Rehearsals



Architectural Lighting



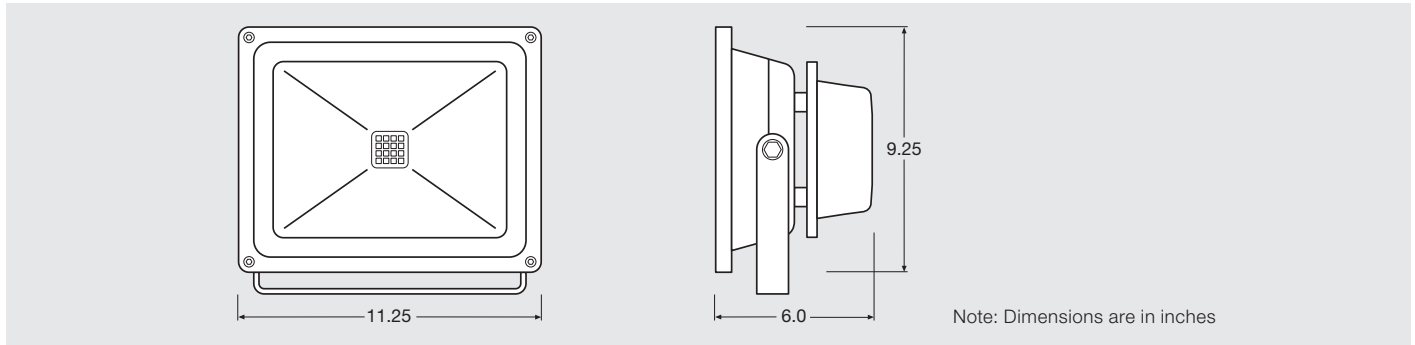
Exterior Lighting



## Ordering Information

Item Number	Ordering Abbreviation	Watts (W)	Volts (V)	CCT (K)	Lumens (lm)	CRI	Life L <sub>70</sub> (hrs.)	Overall			
								Length (in.)	Height (in.)	Depth (in.)	Weight (lb.)
54758	KREIOS FLx 90W	90	120	3500	5000	92	40,000	11.25	9.25	6.0	8.8

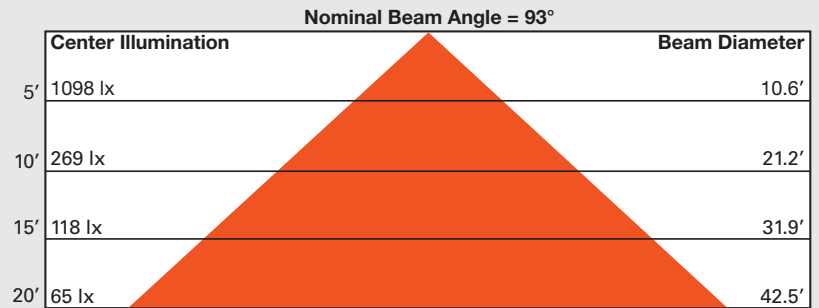
## Dimensions



## Photometric Data

Nominal Beam Angle: 93°

Distance	Footcandles	Lux	Field diameter
5'	102	1098	10.6'
10'	25	269	21.2'
15'	11	118	31.9'
20'	6	65	42.5'



## Safety Information

**WARNING: ONLY QUALIFIED PERSONNEL SHOULD PERFORM INSTALLATION. TO AVOID ELECTRICAL SHOCK OR COMPONENT DAMAGE, DISCONNECT POWER BEFORE ATTEMPTING INSTALLATION OF THE POWER SUPPLIES AND/OR MODULES.**

Failure to install the power supplies and/or LED modules in accordance with the National Electric Code (NEC), all applicable Federal, State and local electric codes as well as the specific Underwriters Laboratories (UL) safety standards for the installation, location and application may cause serious personal injury, death, property damage and/or product malfunction.

Note: Because LED fixtures are electronic devices, inrush current must be taken into consideration when circuiting the fixture(s). The KREIOS FLx absorbs ~2.5A with leading-edge dimmers and ~1.2A with trailing-edge dimmers. It is recommended that you connect a maximum of 7 fixtures on leading-edge 20A dimmers, and 12 fixtures on trailing-edge 20A dimmers. Exceeding this amount can lead to early failure of the fixture and void the warranty.

## Warranty

3 years

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