



APPLIED OPTIX™

Solarlux® DueLL™ II

High Speed Imaging

LED Lighting Systems

- Enhanced lighting performance, reduced energy costs, virtually maintenance-free.
- High intensity Solarlux® multi-cell COB (chip on board) LED design delivers exceptional illumination and uniformity at very low power.
- Instant ON/OFF operation and continuous illumination with stable irradiance.
- Non-boost, strobe-free design eliminates damage to LED elements and does not require additional components and circuitry for synchronization.
- Non-synchronized operation reduces electrical power consumption and “peak demand” related issues.
- Minimal heat transmission eliminates test dummy temperature concerns and reduces facility HVAC demands.
- Proprietary flicker-free, continuous operation solid-state electronics eliminate high speed imaging frame rate flicker concerns.
- Solarlux® balanced white LED design with 5000K CCT (correlated color temperature) simulates natural sunlight delivering optimum light for high speed imaging.
- 40,000 hour rated life, anticipated life greater than 50,000 hours.
- Proprietary thermal convective design delivers continuous lighting under full load without open cooling “vents” or fans.
- Ruggedized fixture design with high impact rating and surge suppression.



Proprietary Optics Designs:

- Medium Beam
- Wide Flood Beam
- Super Wide Flood Beam



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Solarlux® DueLL™ II Specifications

LED Fixture Configuration:

1100W = 6-element COB

Beam Spread: Medium, Wide, Super Wide

Color Temperature: 5000K CCT

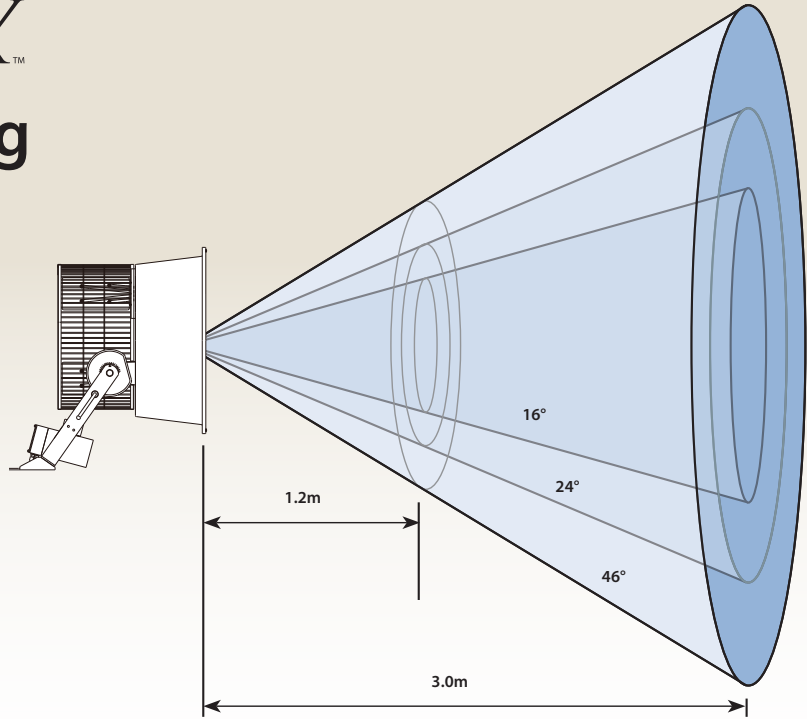
Rated Life: 40,000 hours

Operating Time: Continuous

Weight: 18kg (40lb)

Power: 208 - 240VAC 60Hz
Approx. 1000W at 208VAC

Operating Temperature : -20° C to 50° C



Regulatory Standards

Systems are designed to meet JIS / METI and IEC standards for safety.



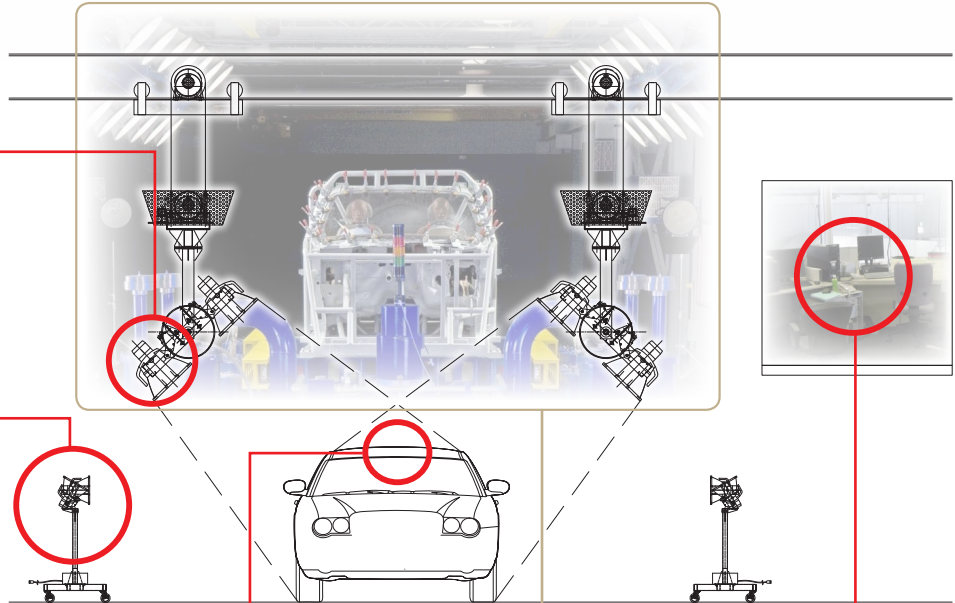
Overhead Fixtures
State of the art LED system design available in 3 beam spreads



Floor/Fill Fixtures
LED floor systems available in 3 power classes and 3 beam spreads for maximum flexibility



On-Board Fixtures
Compact high output, High-G (100G) onboard LED systems are designed for hard to light areas



Array Lighting System
Position lighting system for optimum light profile; raise/lower, tilt and traverse. Position can be stored in control "menu" for later recall

Operation System
Lighting fixture selection, lighting array positioning, and other operations are controlled by remote PC or touch-screen



EYE/Iwasaki Electric lighting experience provides the expertise to assist you in the development of high speed photography systems specific to your application requirements.



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