

PROJECT NAME:

TYPE:

NOTES:

IK10 PLUS HIGH EFFICACY SERIES

HIGH-BAY LED LUMINAIRE SPECIALIZING IN HIGH-ABUSE APPLICATIONS. INTENDED FOR GYMNASIUMS, NATATORIUMS, MANUFACTURING AND INDUSTRIAL FACILITIES, WAREHOUSES, CONVENTION CENTERS AND OTHER HIGH-CEILING APPLICATIONS.

OPTICS:

- WIDE 120° BEAM ANGLE FOR MAXIMUM UNIFORMITY
- DIFFUSE LENSING AVAILABLE IN CLEAR AND WHITE
- OPTIONAL POLYCARBONATE OR ACRYLIC LENSES
- CUSTOMIZED DISTRIBUTIONS ARE AVAILABLE

MECHANICAL:

- EXCEEDS IMPACT RATING OF IK10
- EXTRUDED ALUMINUM CONSTRUCTION
- STAINLESS STEEL HARDWARE
- ISOLATED DRIVER CHANNELS
- THERMALLY INDEPENDENT HEAT SINK LED BARS
- ANODIZED BRIGHT DIP FOR CORROSION RESISTANCE
- AMBIENT TEMPERATURE RATING:
-40°F to 150°F, -40°C to 65.5°C

COMPONENTS:

- HIGH-OUTPUT SAMSUNG LED CHIPS
- OSRAM LED DRIVERS -194°F (90°C)

INSTALLATION:

- AIRCRAFT CABLE SUSPENSION
- SURFACE MOUNTING
- RIGID PENDANT
- MODIFIED/CUSTOM MOUNTS AVAILABLE, CONTACT FACTORY



PERFORMANCE:

- 144,115 NOMINAL LUMENS
- 544 WATTS
- 169 LUMENS PER WATT
- TM-21: L70 >54,000 HOURS
- CALCULATED L70 >184,000 HOURS

ELECTRICAL:

- 120-277VAC STANDARD / 347-480VAC OPTIONAL
- 0-10V DIMMING DRIVERS STANDARD

WARRANTY:

- 10-YEAR WARRANTY ON FIXTURE BODY
- 5-YEAR WARRANTY ON ELECTRONICS
- FOR SPECIAL REQUESTS, CONTACT FACTORY

LISTINGS:

- ARRA COMPLIANT (MADE IN AMERICA)
- UL 1598 FOR DRY, DAMP, AND CANOPY LOCATIONS

FIXTURE DIMENSIONS:

- 48" L x 45" W x 2.5" H
- 45LBS



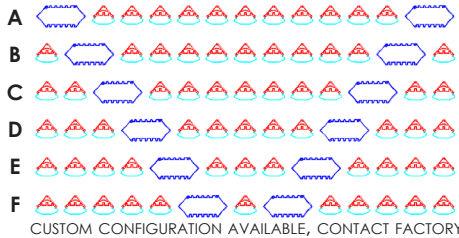
LUX IK10P E 11 D HO3 4'

MFR	SERIES	OUTPUT	NUMBER OF BARS	ELECTRONIC CHANNELS	ASSEMBLY CONFIG.	MODULE	CRI CCT	LENGTH	0-10v	LENS	VOLTAGE OPTIONS	CORD	CONTROLS	EMERGENCY BACKUP	CHANNEL ACCESS	BAR AIMING	FINISH	MOUNTING	APPLICATION	CUSTOM FIXTURE OUTPUT
LUX	IK10+	L- HIGH LUMEN E- HIGH EFFICACY	1 2 3 4 5 6 7 8 9 10 11 12	D -DOUBLE T -TRIPLE Q -QUAD	A B C D E F G PLACEMENT OF BARS/ CHANNELS IN FIXTURE BODY. SEE BELOW FOR OPTIONS.	HIGH OUTPUT GEN. 3	850 840 835 830	2' 4'	U10-10% U1-1% UX-NONE	NL CA4 WA4 CP4 WP4	[BLANK] 120-277V UNIVERSAL HIGH VOLTAGE 347V 480V	3/10 4/10 5/10 6/10 WIRES 3 TO 6 LENGTH 10', 15', 20', 30'	DLH DAYLIGHT SENSOR OCC OCCUPANCY SENSOR D/O DAYLIGHT AND OCCUPANCY WCM WIRELESS CONTROL	EM10 10W BATTERY EM12 12W BATTERY EM15 15W BATTERY	TOP BOT	DIR 0°NADIR IND 180°NADIR CLD CUSTOM LIGHT DISTRIBUTION COORDINATE WITH FACTORY FOR ALL CLD ORDERS.	STND MFHB CC ● END CAP ● CHANNEL ● LID ● HANGING BRACKETS ● BAR	CABLE: H10-18Y H10-18Y T H4P10 H4P10SS PENDANT: MH1P MH2P SPM SURFACE: SM UH2 UH4 SEE MOUNTING DETAILS (PG2) FOR AVAILABLE OPTIONS	ARCH AFH GEN GYM HNG ICE MFG NAT TC WHS	PLEASE NOTE DELIVERED LUMENS ABOVE

CRI PERFORMANCE DATA
80 CRI - STANDARD/NOMINAL
90 CRI - 6% LIGHT LOSS
OTHER CRI AVAILABLE, CONTACT FACTORY

CCT PERFORMANCE DATA
5000K - STANDARD/NOMINAL
4000K - 4% LIGHT LOSS
3500K - 6% LIGHT LOSS
3000K - 8% LIGHT LOSS
OTHER CCT AVAILABLE, CONTACT FACTORY

CHANNEL AND ASSEMBLY CONFIGURATION:



APPLICATION TYPE:

- ARCH - ARCHITECTURAL
- AFH - ARENA/FIELDHOUSE
- GEN - GENERAL
- GYM - GYMNASIUM
- HNG - HANGER
- ICE - ICE RINK
- MFG - MANUFACTURING
- NAT - NATATORIUM
- TC - TENNIS COURT
- WHS - WAREHOUSE

FIXTURE "FINISH" DETAILS

- STND-STANDARD:**
-LUX GREEN HANGING BRACKETS
-BRIGHT DIP ANODIZED EXTRUSIONS
-QUALIFIES AS NATATORIUM RATED
-IF INSTALLED IN A NATATORIUM, LUX RECOMMENDS STAINLESS STEEL MOUNTS.
- MFHB-HANGING BRACKETS:**
-MILL FINISH HANGING BRACKETS
-BRIGHT DIP ANODIZED EXTRUSIONS
- CC CUSTOM COLOR:**
-2MIL NATATORIUM-GRADE POWDERCOATED COMPONENTS IN ANY COLOR.
-PLEASE SPECIFY RAL NUMBER AND COMPONENTS TO BE FINISHED WHEN ORDERING.

LENS PERFORMANCE DATA

- NL (No Lens) - NOMINAL, NO LIGHT LOSS
- CAx (CLEAR ACRYLIC) - 9% LIGHT LOSS
- WAx (WHITE/FROSTED ACRYLIC) - 16% LIGHT LOSS
- CPx (CLEAR POLYCARBONATE) - 14% LIGHT LOSS
- WPx (WHITE/FROSTED POLYCARBONATE) - 22% LIGHT LOSS

CORD DATA

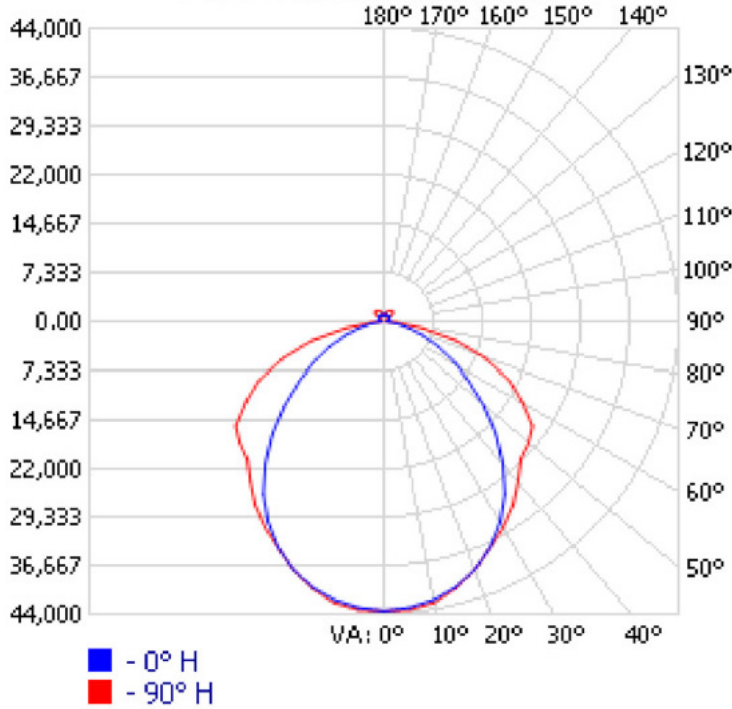
- 3 WIRE - SINGLE LEG ON/OFF SWITCH
- 4 WIRE - DUAL LEG SWITCH, OR SINGLE SWITCH WITH EMERGENCY BATTERY
- 5 WIRE - SINGLE LEG SWITCH WITH DIMMING
- 6 WIRE - DUAL LEG SWITCH WITH DIMMING OR SINGLE SWITCH WITH EMERGENCY BATTERY

CHANNEL ACCESS

- TOP - FIXTURE CHANNEL ACCESSIBLE FROM ABOVE, NOT AVAILABLE ON SURFACE MOUNTS.
- BOTTOM - FIXTURE CHANNEL ACCESSIBLE FROM BELOW.

IK10+-E-11-DA-HO3-850-4'-U10-CA4

Polar Candela Distribution



LCS Graph

