U.S. ARCHITECTURAL LIGHTING

PROJECT NAME:

FIXTURE TYPE:

IKON SERIES

Contemporary Site & Area Knob & Shade Luminaires

Luminaire
Durable, heavy wall all aluminum construction. Knob and Through Arm are 6063-T6 aluminum extrusions. Shades are spun from heavy gauge aluminum. Mounting components and covers are heavy, cast A356 aluminum. All components are precision machined and factory welded for a unitized, structurally durable fixture construction. All fasteners are stainless steel.

POLE MOUNT (PL) - Through Arm provided with direct Pole Mount Bracket. 2 Standard arm lengths.

WALL MOUNT (WM) - Through Arm provided with Wall Mount Cover and Wall Mounting Bracket. Bracket covers standard receessed 4 inch J-Box. 2 Standard arm lengths (IK3 only). IK3-WM-EM has a larger cover to accomodate an EM Battery Backup.

PENDANT MOUNT (PM) - Plain housing with True-Level (IK5) and True-Level Mini (IK3) ball aligner.

BOLLARD (BOL) - IK3 Pole Mount Style Luminaire Mounted to a 3"OD riser. Cast Aluminum Capp, Base Plate, and Base Cover. 3 Standard heights.

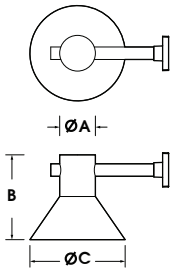
PLED™ Optics
PLED™ Optical Modules are "panelized" arrays of LED's and LED Refractors. Individual LED's are arrayed over a Metal Core PCB Board. Each LED is precisely placed and soldered to a heat dispersing mount that also serves as the circuit for the Panel. Individual PLED refractors and a cover plate are affixed and sealed over the LED's and MCPCB meeting an IP66 standard. Individual PLED refractors are mold injected from optical grade PMMA acrylic. Each PLED refractor produces the same output light distribution throughout the panel module. Both standard and unique Site, Area, & Roadway distributions are available. Optional optic level PLED-HS House Side Shields are available to limit backlight without effecting forward distribution and output. A single or multiple panel modules can be used with in a fixture. Panels are field rotatatabe and replaceable with quick disconnects behind each panel. Panels are mounted to an aluminum heatsink for superior thermal control and long LED lifetime. All panels provide U0–no uplight within the fixture and meet or exceed Dark Sky criteria depending on the distribution.

LED Emitters
LED thermal management is designed to maintain LED operating temperature below 90°C, well below the manufacturers thermal max of 150°C for long life, high lumen maintenance, and color stability. High Power White LED's are driven between 175mA and 875mA for a maximum nominal output of 2.5 Watts per LED. LED's are available in standard 2700K & 3000K, 4000K, or 5000K. All Standard LED's have a minimum of 70 CRI. Consult Factory for other CRI and CCT options. See Lumen Maintenance chart for TM-21 rated lifetimes.

True Amber LED's
TRA-True Amber LED's emit light in a narrow spectral bandwidth with a peak wavelength between 589-595nm and a 50% peak bandwith of less than 20nm. True Amber has less than 0.04% Blue Light content and is suitable for wildlife areas.

LED Driver
Constant Current Electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized. Quick Connectors facilitate wiring between the driver and optical arrays and incoming line voltage. Drivers accept an input of 120-277V (UNV), 50/60Hz or 347V-480V, 50,60Hz. 0 - 10V Dimming is standard. Driver lifetime exceeds 100k hrs in 25°C ambient environment. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with a 10KV or 20KV surge protector for field installation.

Finish
Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

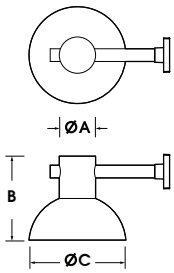


IKON Angled

(IK5A-PL shown)

FIXTURE	ØA	B	ØC
IK5A	5"	12.6"	14.1"
IK3A	3"	7.4"	8.1"

See Pages 2&3 For Additional Dimensional Data



IKON Domed

(IK5D-PL shown)

FIXTURE	ØA	B	ØC
IK5D	5"	12.2"	14.2"
IK3D	3"	7.2"	8.2"

See Pages 2&3 For Additional Dimensional Data

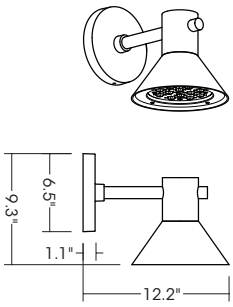
BABA compliant

U.L. Listed for Wet Location

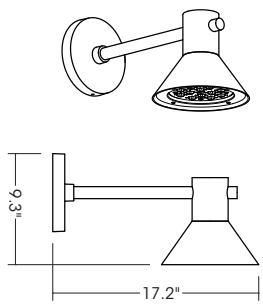
2026100

IKON3 WALL MOUNT SPECIFICATIONS

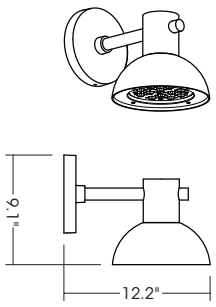
IK3A-WM
Max Wgt. = 6.2 lbs



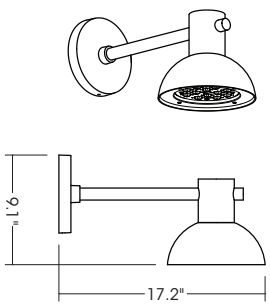
IK3A-WM-EXT
Max Wgt. = 6.4 lbs



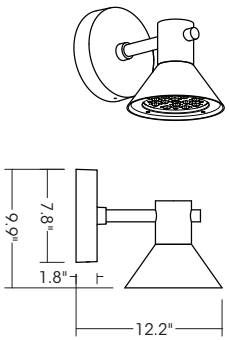
IK3D-WM
Max Wgt. = 6.6 lbs



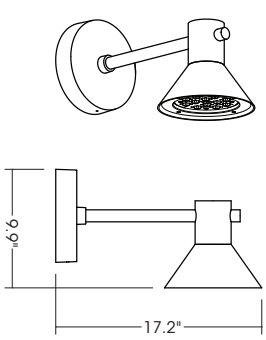
IK3D-WM-EXT
Max Wgt. = 6.7 lbs



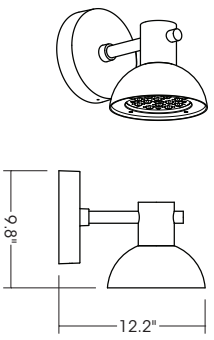
IK3A-WM-EM
Max Wgt. = 7.7 lbs



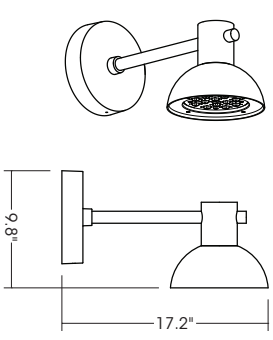
IK3A-WM-EM-EXT
Max Wgt. = 7.8 lbs



IK3D-WM-EM
Max Wgt. = 7.1 lbs

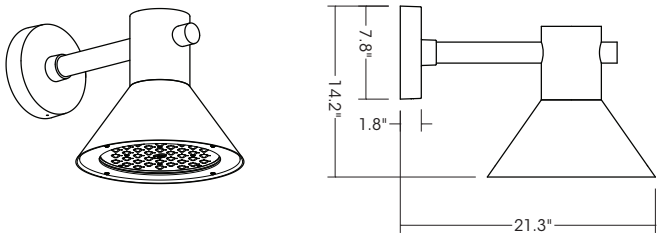


IK3D-WM-EM-EXT
Max Wgt. = 7.3 lbs

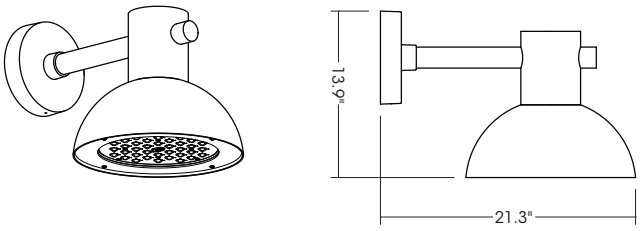


IKON5 WALL MOUNT SPECIFICATIONS

IK5A-WM
Max Wgt. = 18.9 lbs

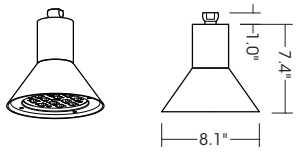


IK5D-WM
Max Wgt. = 19.5 lbs

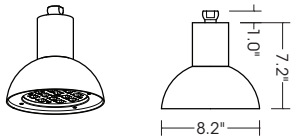


IKON3 & IKON5 PENDANT MOUNT SPECIFICATIONS

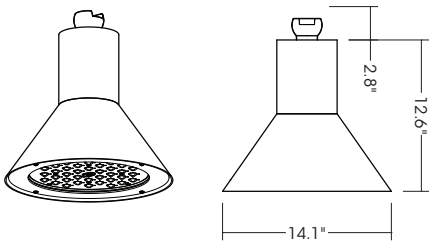
IK3A-PM
Max Wgt. = 3.7 lbs EPA = 0.21



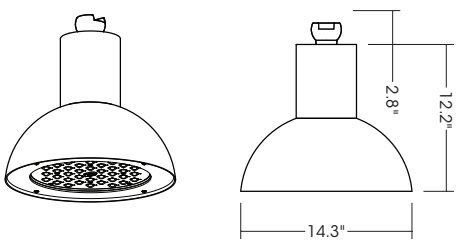
IK3D-PM
Max Wgt. = 4.0 lbs EPA = 0.24



IK5D-PM
Max Wgt. = 14.0 lbs EPA = 0.63



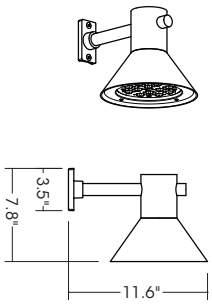
IK5D-PM
Max Wgt. = 14.6 lbs EPA = 0.69



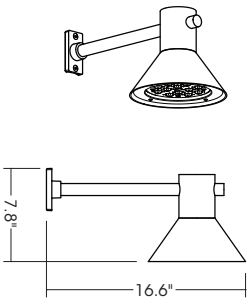
IK3-PM Uses Trulevel Mini Ball Aligner IK5-PM Uses Standard Trulevel Ball Aligner. Verify Arm Compatability.

IKON3 POLE MOUNT SPECIFICATIONS

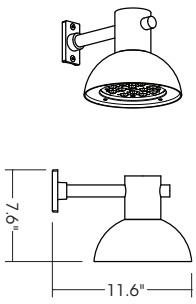
IK3A-PL
Max Wgt. = 4.1 lbs EPA = 0.27



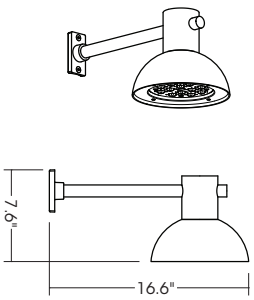
IK3A-PL-EXT
Max Wgt. = 4.3 lbs EPA = 3.1



IK3D-PL
Max Wgt. = 4.5 lbs EPA = 0.29

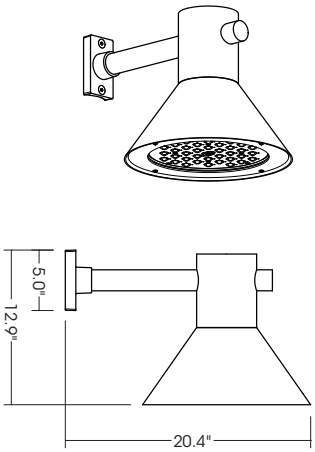


IK3D-PL-EXT
Max Wgt. = 4.7 lbs EPA = 0.33

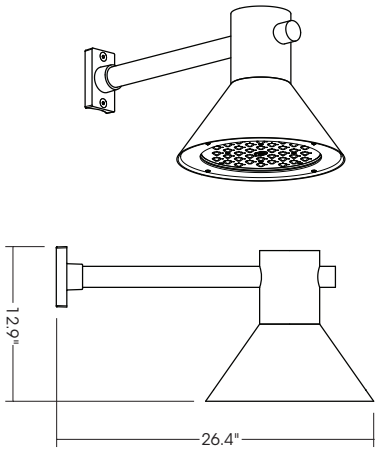


IKON5 POLE MOUNT SPECIFICATIONS

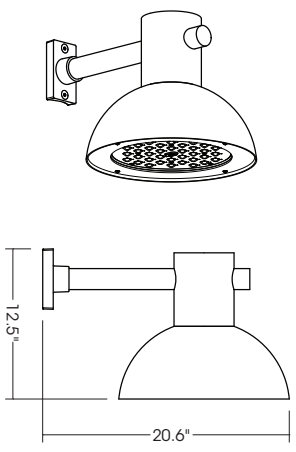
IK5A-PL
Max Wgt. = 15.7 lbs EPA = 0.81



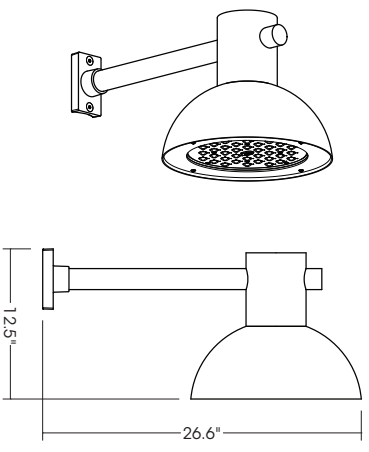
IK5A-PL-EXT
Max Wgt. = 16.23 lbs EPA = 0.88



IK5D-PL
Max Wgt. = 16.3 lbs EPA = 0.85

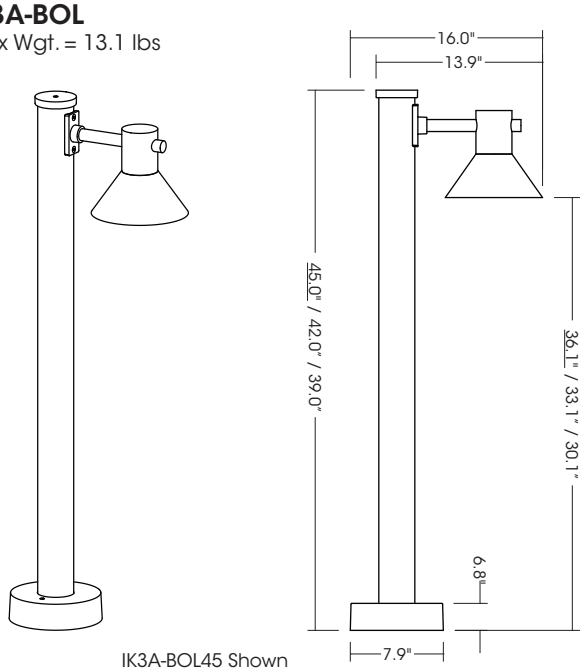


IK5D-PL-EXT
Max Wgt. = 16.8 lbs EPA = 0.92



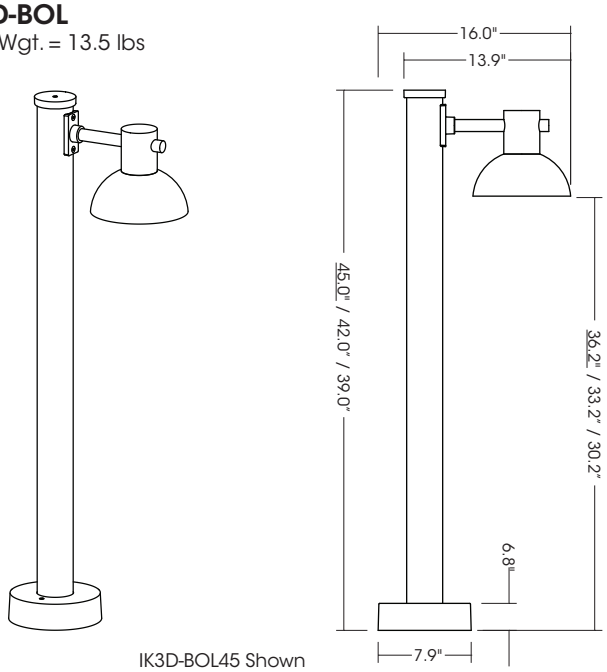
IKON3 BOLLARD SPECIFICATIONS

IK3A-BOL
Max Wgt. = 13.1 lbs



IK3A-BOL45 Shown

IK3D-BOL
Max Wgt. = 13.5 lbs



IK3D-BOL45 Shown

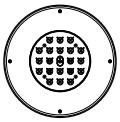
SPECIFICATIONS

LED MODULES:

IKON3

12 PLED™ Module
7 - 27 Watts
UNV (120-277) Only

IKON5



20 PLED™ Module
11 - 56 Watts
UNV (120-277)
& 347-480

36 PLED™ Module
18 - 92 Watts
UNV (120-277)
& 347-480

Note: See Photometric Guide For Specific Wattages and Lumen Output By Distribution and CCT.

ORDERING INFORMATION

Ordering Example: IK5A-PLMNT-EXT/PLED-III-M/20LED-525mA/40K/UNV/RAL-9005-S

Luminaire	Optics	# of LED's	Drive Current	CCT	Voltage	Finish	Options

Luminaire

IKON5
*= **A** for Angled Shade
*= **D** for Domed Shade
- **IK5*- PL**
- **IK5*- PL-EXT**
- **IK5*- PM**
- **IK5*- WM**

IKON3
*= **A** for Angled Shade
*= **D** for Domed Shade
- **IK3*- PL**
- **IK3*- PL-EXT**
- **IK3*- PM**
- **IK3*- WM**[1]
- **IK3*- WM-EXT**[1]
- **IK3*- WM-EM**[2,3]
- **IK3*- WM-EM-EXT**[2,3]
- **IK3*- BOL45**[4]
- **IK3*- BOL42**[4]
- **IK3*- BOL39**[4]

Optics

PLED Optics

Narrow Throw Optics
- **II-FR**
- **IV-CL**
- **VSQ-N**

Medium Throw Optics
- **II**
- **III-M**
- **IV**
- **V-SQ-M**

Wide Throw Optics
- **III-W**
- **IV-FT**
- **VSQ-W**

LED

# of LED's	Drive Curent	Color Temp-CCT
36LED	**175mA**	**27K** (2700K)
20LED	**350mA**	**30K** (3000K)
	525mA	**40K** (4000K)
	700mA	**50K** (5000K)
	875mA	Consult Factory for Other LED Color, CCT, & CRI Options
12LED	**175mA**	**TRA** True Amber*
	350mA	*TRA Max Drive Current is 525mA
	525mA	
	700mA	

Voltage

- **UNV** (120-277)
- **347**
- **480**

- **UNV** (120-277)

Finish

Standard Textured Finish
- Black **RAL-9005-T**
- White **RAL-9003-T**
- Grey **RAL-7004-T**
- Dark Bronze **RAL-8019-T**
- Green **RAL-6005-T**
- Rust **RST**
- Patina Copper **PC**

For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S)

Consult factor for custom colors

Options

House Side Shield Optic Level PLED[5]	**HS**
External Glare Shield Module Level 360°	**EGS**
Square Pole Bracket	**SPB**
Emergency Battery Pack and Driver.	**EM**
Twist Lock Receptable Only (Specify # of Pins)	**TPR#**
Zhaga B18 Receptacle Only[5]	**Z18**
Button Photocell	**PC**
Twist Lock Photocell + Voltage (Example: TPC347V)	**TPC+V**
Single Fuse (Example: DF277V)	**SF+V**
Double Fuse (Example: DF240V)	**DF+V**
Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc)[6]	**PSP**
High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25)	**HLSW**

ORDERING NOTES:

1 - IK3-WM, IK3-WM-EXT, & IK3-PM only available with HS-PLED, EGS, and HLSW Options.
2 - IK3 WM-EM & EXT available with or without EM option for consistant look. Order EM in options for EM Battery Pack & Driver.
3 - IK3 WM-EM & WM-EXT can only have 1 of the following options: TPR18, BPC, or EM. **4** - IK3-BOL Available in Custom Heights, Consult Factory.
5 - HS-PLED not available with VSQ Distributions. **6** - MS-F311 is Outboard Sensor and For PLMNT Only. Consult Factory for other Control Options.

OPTIONS

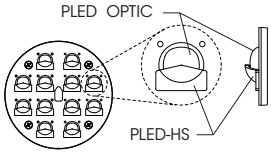
High Low Dimming For Switches (HLSW)
The HLSW is a Small Electronic Switch which Provides High Low Dimming Control Through the LED Driver's 0-10V Control. Switching is Done by Adding a Seconday AC Switched Hot Trigger Line to the HLSW in Addition to the Normal AC Power Line. When the Secondary Trigger Line is Powered, the Fixture will go to 100% Dimming. With no Power to the Trigger, the Fixture will operate at 50% or 25% Dimming. Switches for the Trigger Line can be a Normal AC Switch/Breaker or Timed Switch/Breaker.

Outdoor Fixture Sensors and Controls
Options for many wireless and pre-set Outdoor Sensors and Controls can be integrated and factory installed. Consult Factory for compatability.

Emergency Driver and Battery Backup (EM)
EM is 120-277VAC input only and consumes a max of 4 Watts. EM provides 10 Watts of Illumination for a minimum of 90 minutes.

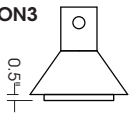
OPTIONS (Continued)

HS (PLED) House-Side, Back Light Shields are affixed over each individual PLED Refractor. Shields are opaque black composite and block backlight and optimize distribution at curb line without effecting the forward distribution. See individual IES Files for performance.



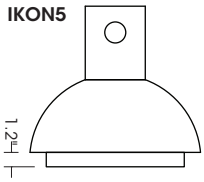
EGS External Glare Shields are fixture level shields that provide cutoff in the 80°-90° VH zone and some light in the 60°-80° Zone. Shields are powdercoated Flat Black to minimize reflection. Use with Medium and Narrow Throw Optics. Cutoff is from Nadir.

IKON3



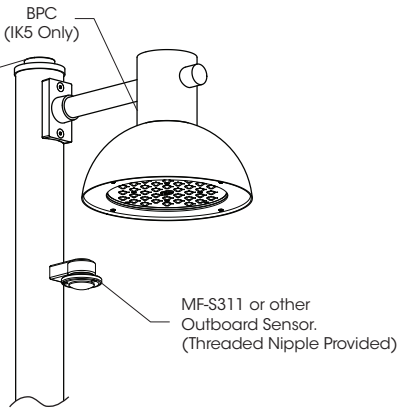
80° Min Cutoff
76° Ave. Cutoff

IKON5



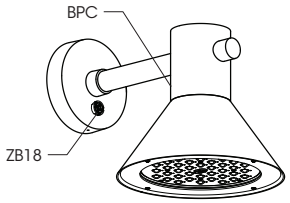
80° Min Cutoff
70° Ave. Cutoff

IKON-PLMNT



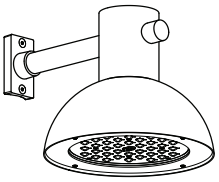
IKON3-WM-EM

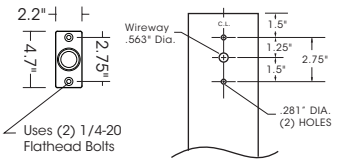
IKON5-WM



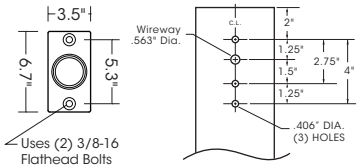
MOUNTING

POLE MOUNT (PMNT)





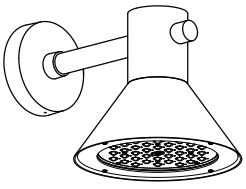
IK3-PLMNT Pole Drilling Pattern

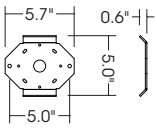


IK5-PLMNT Mounts to Our Standard Pole Drilling

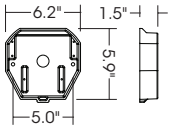
Standard PLMNT is for Round Poles, 3"- 4" for IK3-PLMNT & 4"- 5" for IK5-PLMNT. Consult Factory ffor other diameters. Choose Square Pole Bracket (SPB) Option for Use with Square Pole or Flat Mounts. Stainless Steel Hardware and Gasket Provided.

WALL MOUNT (WM)





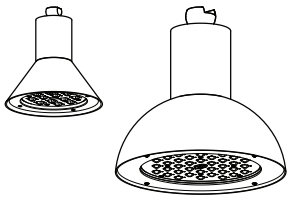
IK3-WM Bracket

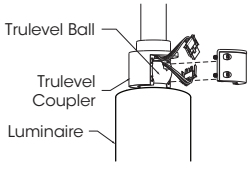


IK3-WM-EM / IK5-WM Bracket

IK3-WM Bracket can be directly mounted over a recessed 4" J-Box (Check Codes) and has 2 mounting holes for 1/4" anchors (by others). IK3-WM-EM / IK5-WM Bracket has 2 mounting holes for 1/4" anchors (by others) and houses the optional Emergency Battery Backup (EM) option. Internal gasket provided. Fixture angles over Bracket top and is held in place with bottom stainless steel set screw and puts fixture tight to wall.

PENDANT MOUNT (PM)

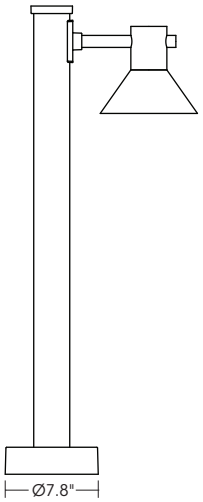


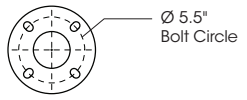


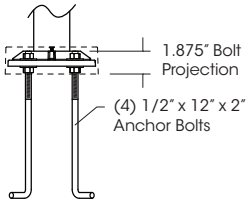
Trulevel Ball Aligner Mount allows for fast installation and leveling. IK5-PM uses standard Trulevel and works with any of our standard arms. IK3-PM uses Trulevel-Mini and works with any of our smaller "Mini" Arms.

See Installation Instructions for Complete Mounting Details.

BOLLARD (BOL)

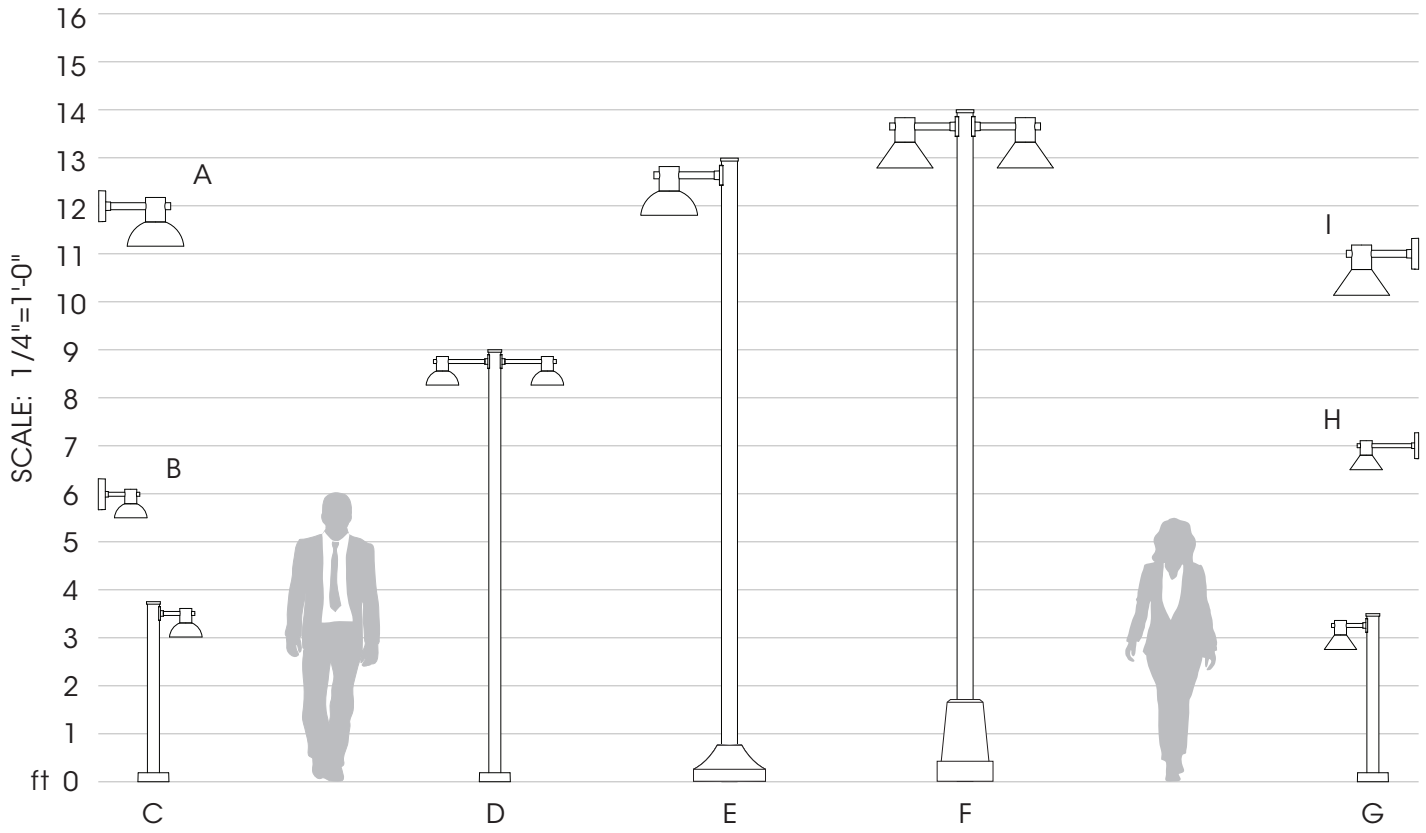






IK3-BOL Mounts with provided w/ galvanized anchor bolts, nuts, and washers.
Footing & conduit entry by others.

Sample Assemblies



A. IK5D-WM
B. IK3D-WM-EM
C. IK3D-BOL45
D. IK3D-PL-EXT/RNTA 3 9/2-180
E. IK5D-PL/RNTA 144-125 13/RBC
F. IK5A-PL/RNTA 144-125 14/2500
G. IK3A-BOL42
H. IK3A-WM-EXT
I. IK5A-WM

Sample Assemblies show a small offering of the U.S. Architectural & Sun Valley Product Line of Poles, Bases, Shafts, Arms, & Luminaires. Please visit usaltg.com for the full product offering.

ELECTRICAL DATA GUIDE - AMPERAGE CHART

ELECTRICAL LOAD			CURRENT (A)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
12	175	6.5	0.05	0.03	0.02	0.02	0.01
12	350	13.0	0.11	0.06	0.05	0.04	0.03
12	525	20.0	0.17	0.10	0.07	0.06	0.04
12	700	26.0	0.22	0.13	0.09	0.07	0.05
20	175	11.0	0.09	0.05	0.04	0.03	0.02
20	350	22.0	0.18	0.11	0.08	0.06	0.05
20	525	33.0	0.28	0.16	0.12	0.10	0.07
20	700	44.0	0.37	0.21	0.16	0.13	0.09
20	875	55.0	0.46	0.26	0.20	0.16	0.11
36	350	41	0.34	0.20	0.15	0.12	0.09
36	525	62	0.52	0.30	0.22	0.18	0.13
36	700	83	0.69	0.40	0.30	0.24	0.17
36	875	103	0.86	0.50	0.37	0.30	0.21

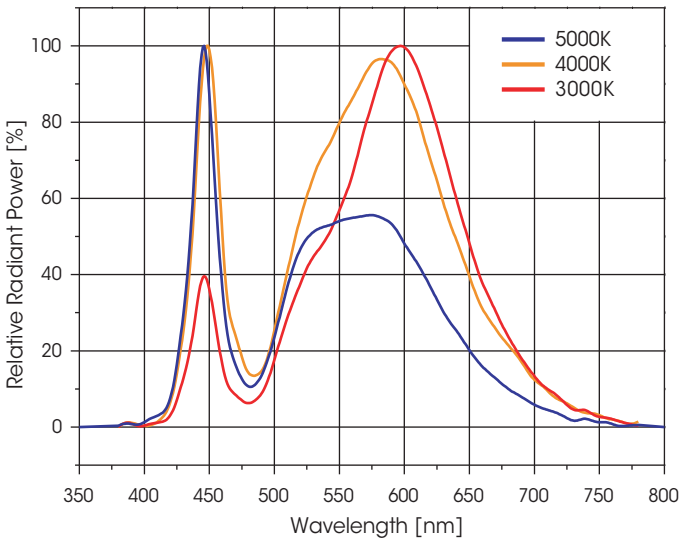
LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 1050mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicatates that L93 > 100,000 Hours.

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

WHITE LED RELATIVE SPECTRAL BANDWIDTH



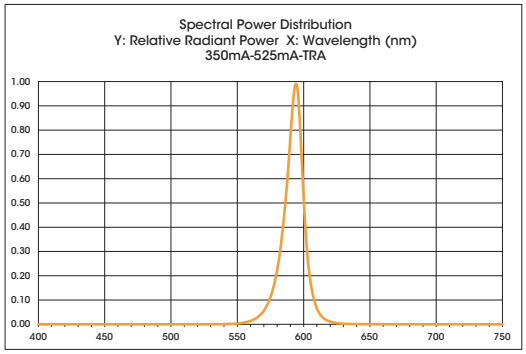
TRUE AMBER (TRA) SPD & PERCENT BLUE LIGHT CALCULATION

BLUE LIGHT CONTENT CALCULATION:

Total Watts (380-700nm)	Total Watts - Blue (400-500nm)	% Blue
17.2408%	0.0071%	**0.04%**

*%Blue = [Total Watts - Blue (400-500) / Total Watts (380-700)] * 100%*

Peak SPD100% : 594nm
SPD50% : 588nm - 602nm

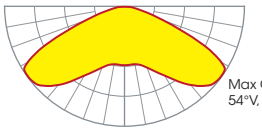


PHOTOMETRIC GUIDE - PLED OPTICS

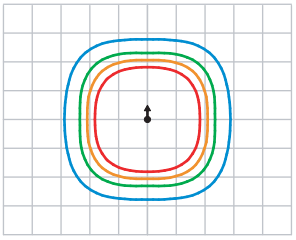
NARROW THROW PLED OPTICS

- Focused Distributions with Lower Max Candelas.
- Designed for High Footcandle Levels (10fc-100fc).
- Tighter Pole Spacings for Uniformity.
- Highest Level of Glare Control.
- Sport Courts, Auto Dealerships, Glare Control Situations.

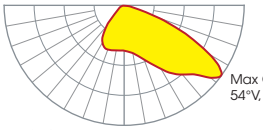
PLED TYPE-VSQ-N



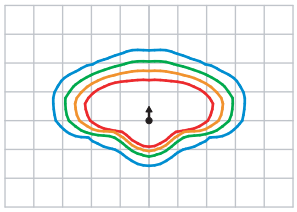
LCS % Luminaire Lumens:
FL=7.3%, FM=31.7%, FH=10.7%, FVH=0.2%
BL=7.3%, BM=31.7%, BH=10.7%, BVH=0.2%
UL=0.0%, UV=0.0%



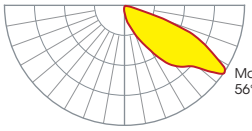
PLED TYPE-II-FR



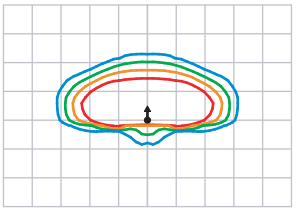
LCS % Luminaire Lumens:
FL=14.7%, FM=49.8%, FH=12.2%, FVH=0.4%
BL=8.9%, BM=11.1%, BH=2.5%, BVH=0.3%
UL=0.0%, UV=0.0%



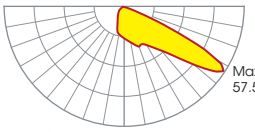
PLED TYPE-II-FR + HS



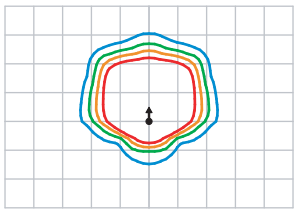
LCS % Luminaire Lumens:
FL=13.9%, FM=63.4%, FH=16.0%, FVH=0.3%
BL=1.4%, BM=3.9%, BH=1.1%, BVH=0.0%
UL=0.0%, UV=0.0%



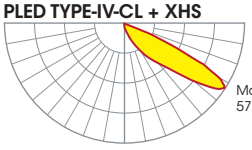
PLED TYPE-IV-CL



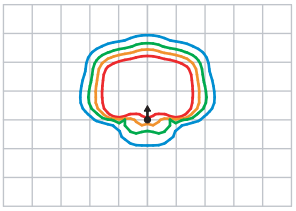
LCS % Luminaire Lumens:
FL=13.6% FM=56.3%, FH=15.1%, FVH=0.2%
BL=7.5%, BM=6.3%, BH=0.9%, BVH=0.2%
UL=0.0%, UV=0.0%



PLED TYPE-IV-CL + XHS



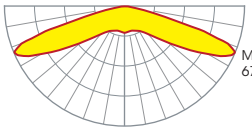
LCS % Luminaire Lumens:
FL=4.9%, FM=70.6%, FH=22.2%, FVH=0.2%
BL=0.7%, BM=1.2%, BH=0.3%, BVH=0.0%
UL=0.0%, UV=0.0%



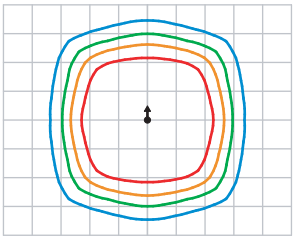
MEDIUM THROW PLED OPTICS

- Standard Area & Roadway Distributions, Max Candela from 64° to 69°.
- Designed for 0.50fc to 10fc.
- Larger Pole Spacings for Uniformity.
- Mid Level of Glare Control.
- Typical Site, Area, & Roadway Applications. Residential Areas.
- Commercial & Industrial.
- IES Low/Medium/High Use Parking Lots.

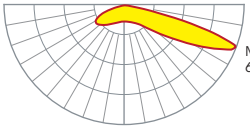
PLED TYPE-VSQ-M



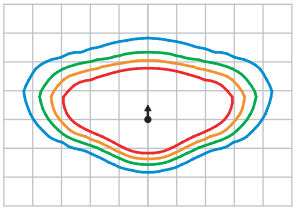
LCS % Luminaire Lumens:
FL=4.1%, FM=21.7%, FH=23.7%, FVH=0.5%
BL=4.1%, BM=21.7%, BH=23.7%, BVH=0.5%
UL=0.0%, UV=0.0%



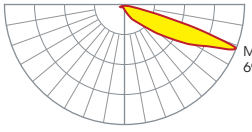
PLED TYPE-II



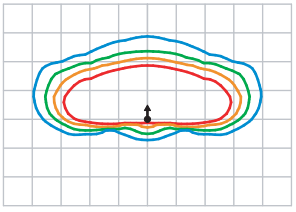
LCS % Luminaire Lumens:
FL=6.5%, FM=33.9%, FH=28.6%, FVH=0.8%
BL=6.2%, BM=17.4%, BH=6.3%, BVH=0.3%
UL=0.0%, UV=0.0%



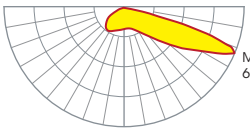
PLED TYPE-II + HS



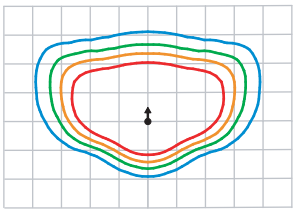
LCS % Luminaire Lumens:
FL=6.9%, FM=48.1%, FH=38.3%, FVH=0.6%
BL=1.0%, BM=2.6%, BH=2.4%, BVH=0.0%
UL=0.0%, UV=0.0%



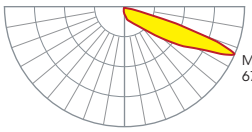
PLED TYPE-III-M



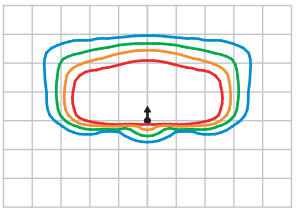
LCS % Luminaire Lumens:
FL=6.4%, FM=33.4%, FH=31.7%, FVH=0.8%
BL=6.5%, BM=16.1%, BH=4.9%, BVH=0.2%
UL=0.0%, UV=0.0%



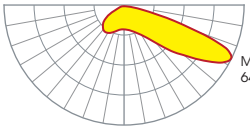
PLED TYPE-III-M + HS



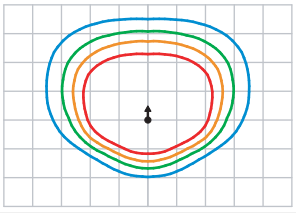
LCS % Luminaire Lumens:
FL=6.2%, FM=45.6%, FH=43.1%, FVH=0.6%
BL=0.9%, BM=2.1%, BH=1.5%, BVH=0.0%
UL=0.0%, UV=0.0%



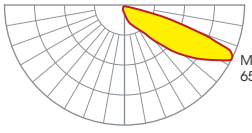
PLED TYPE-IV



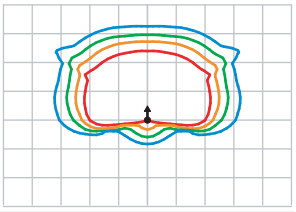
LCS % Luminaire Lumens:
FL=5.9%, FM=35.3%, FH=30.9%, FVH=0.8%
BL=5.8%, BM=16.5%, BH=4.6%, BVH=0.3%
UL=0.0%, UV=0.0%



PLED TYPE-IV + HS



LCS % Luminaire Lumens:
FL=5.6%, FM=50.0%, FH=38.9%, FVH=0.6%
BL=0.8%, BM=2.7%, BH=1.5%, BVH=0.0%
UL=0.0%, UV=0.0%

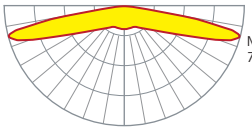


PHOTOMETRIC DATA GUIDE - LUMEN TABLES

WIDE THROW PLED OPTICS

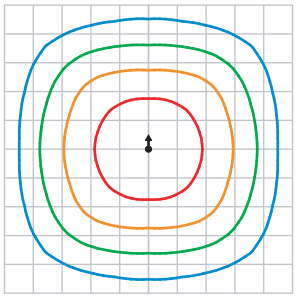
- Wide Throw Distributions, Max Candela from 73° to 75°.
- Designed for 0.50fc to 10fc with Maximum Coverage.
- Largest Pole Spacings for Uniformity.
- Lower Level of Glare Control.
- Typical Site, Area, & Roadway Applications.
- Commercial & Industrial.
- Excellent Bollard Optics for Extreme Coverage.

PLED TYPE-VSQ-W

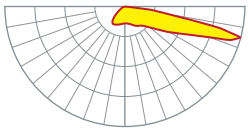


Max CD:
75°V, 45°H

LCS % Luminaire Lumens:
FL=3.4%, FM=14.6%, FH=29.6%, FVH=2.4%
BL=3.4%, BM=14.6%, BH=29.6%, BVH=2.4%
UL=0.0%, UV=0.0%

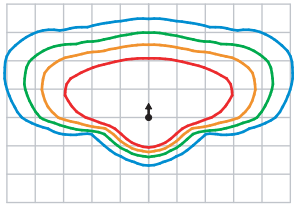


PLED TYPE-III-W

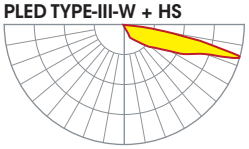


Max CD:
75°V, 68°H

LCS % Luminaire Lumens:
FL=6.3%, FM=28.4%, FH=40.7%, FVH=2.6%
BL=6.4%, BM=11.7%, BH=3.6%, BVH=0.3%
UL=0.0%, UV=0.0%

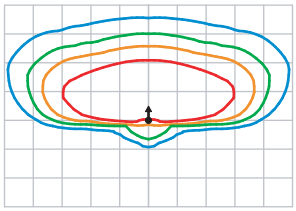


PLED TYPE-III-W + HS

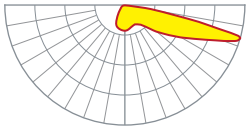


Max CD:
74°V, 69°H

LCS % Luminaire Lumens:
FL=5.2%, FM=37.5%, FH=51.0%, FVH=2.4%
BL=0.7%, BM=1.6%, BH=1.4%, BVH=0.1%
UL=0.0%, UV=0.0%

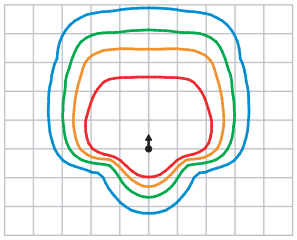


PLED TYPE-IV-FT

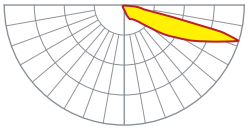


Max CD:
74°V, 31°H

LCS % Luminaire Lumens:
FL=6.9%, FM=28.2%, FH=42.1%, FVH=3.1%
BL=6.7%, BM=8.9%, BH=3.7%, BVH=0.4%
UL=0.0%, UV=0.0%

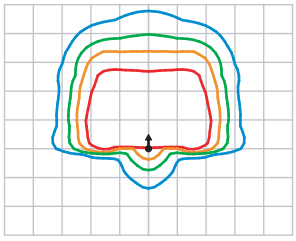


PLED TYPE-IV-FT + HS



Max CD:
73°V, 31°H

LCS % Luminaire Lumens:
FL=3.6%, FM=34.5%, FH=54.2%, FVH=3.2%
BL=0.8%, BM=1.9%, BH=1.6%, BVH=0.1%
UL=0.0%, UV=0.0%



PHOTOMETRIC GUIDE - DarkSky Compliance

Stated compliance below references DarkSky Luminaires Program Guidelines v3.1 published on 10/16/2025. For further information, see the DarkSky International website. Compliance below is based on optical & photometric performance and utilizing LED's with a CCT of 3000K or below. Other Luminaire and mounting requirements should be verified for full compliance depending on options.

2.1 Residential DarkSky Luminaire criteria - All PLED Optics meet criteria with a maximum of 1,000 lumen output.

2.2 Commercial DarkSky Luminaire criteria - All PLED Optics meet criteria with the exception of the Wide Throw Type-IV-FT Optic.

2.3 Pedestrian DarkSky Luminaire criteria - For all mounting heights 4ft and below, all PLED Optics meet criteria. For mounting heights above 4ft, all Narrow Throw PLED Optics and the Medium Throw Type-II meet the criteria.

2.4 Wildlife DarkSky Luminaire criteria - All Narrow Thow PLED Optics meet this criteria with the True Amber (TRA) LED Option and 5,000 Lumen output or less. Determine if HS and/or EGS shields are suitable for beach side shielding depending on application.

Note: U.S. Outdoor Lighting makes no claim on the validity or suitability of the DarkSky Luminaire Criteria. Information above is strictly to show complaince and suitability. Contact Factory for further information on compliance and options.

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

IK3-xx-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
12	175	7.0	II	1002	143	B0-U0-G0	1046	149	B0-U0-G0	1089	156	B0-U0-G0	1133	162	B0-U0-G0	5.5	349	63	B0-U0-G0
			II-FR	1009	144	B0-U0-G0	1053	150	B0-U0-G0	1097	157	B0-U0-G0	1141	163	B0-U0-G0		351	64	B0-U0-G0
			III-M	1020	146	B0-U0-G0	1064	152	B0-U0-G0	1109	158	B0-U0-G0	1153	165	B0-U0-G0		355	65	B0-U0-G0
			III-W	947	135	B0-U0-G1	988	141	B0-U0-G1	1029	147	B0-U0-G1	1070	153	B0-U0-G1		329	60	B0-U0-G0
			IV	1012	145	B0-U0-G0	1056	151	B0-U0-G0	1100	157	B0-U0-G0	1144	163	B0-U0-G0		352	64	B0-U0-G0
			IV-FT	922	132	B0-U0-G1	962	137	B0-U0-G1	1002	143	B0-U0-G1	1042	149	B0-U0-G1		321	58	B0-U0-G0
			IV-CL	987	141	B0-U0-G0	1030	147	B0-U0-G0	1073	153	B0-U0-G0	1116	159	B0-U0-G0		343	62	B0-U0-G0
			VSQ-N	1058	151	B1-U0-G0	1104	158	B1-U0-G0	1150	164	B1-U0-G0	1196	171	B1-U0-G0		368	67	B0-U0-G0
			VSQ-M	1037	148	B1-U0-G0	1083	155	B1-U0-G0	1127	161	B1-U0-G0	1172	167	B1-U0-G0		361	66	B0-U0-G0
			VSQ-W	1013	145	B1-U0-G1	1056	151	B1-U0-G1	1100	157	B1-U0-G1	1145	164	B1-U0-G1		352	64	B0-U0-G0
			II-HS	734	105	B0-U0-G0	765	109	B0-U0-G0	797	114	B0-U0-G0	829	118	B0-U0-G0		255	46	B0-U0-G0
			II-FR-HS	746	107	B0-U0-G0	779	111	B0-U0-G0	811	116	B0-U0-G0	843	120	B0-U0-G0		260	47	B0-U0-G0
			III-M-HS	742	106	B0-U0-G0	774	111	B0-U0-G0	806	115	B0-U0-G0	838	120	B0-U0-G0		258	47	B0-U0-G0
			III-W-HS	726	104	B0-U0-G1	758	108	B0-U0-G1	789	113	B0-U0-G1	820	117	B0-U0-G1		253	46	B0-U0-G0
			IV-HS	766	109	B0-U0-G0	800	114	B0-U0-G0	833	119	B0-U0-G0	866	124	B0-U0-G0		267	49	B0-U0-G0
			IV-FT-HS	724	103	B0-U0-G1	756	108	B0-U0-G1	787	112	B0-U0-G1	818	117	B0-U0-G1		252	46	B0-U0-G0
			IV-CL-XHS	776	111	B0-U0-G0	810	116	B0-U0-G0	843	120	B0-U0-G0	876	125	B0-U0-G0		270	49	B0-U0-G0
12	350	14.1	II	1891	134	B1-U0-G1	1973	140	B1-U0-G1	2055	146	B1-U0-G1	2138	152	B1-U0-G1	10.9	658	60	B0-U0-G0
			II-FR	1904	135	B1-U0-G0	1987	141	B1-U0-G0	2069	147	B1-U0-G0	2152	153	B1-U0-G0		662	61	B0-U0-G0
			III-M	1924	136	B1-U0-G1	2008	142	B1-U0-G1	2091	148	B1-U0-G1	2175	154	B1-U0-G1		669	61	B0-U0-G0
			III-W	1787	127	B1-U0-G1	1864	132	B1-U0-G1	1942	138	B1-U0-G1	2020	143	B1-U0-G1		621	57	B0-U0-G1
			IV	1910	135	B1-U0-G1	1993	141	B1-U0-G1	2076	147	B1-U0-G1	2159	153	B1-U0-G1		664	61	B0-U0-G0
			IV-FT	1740	123	B1-U0-G1	1815	129	B1-U0-G1	1891	134	B1-U0-G1	1966	139	B1-U0-G1		605	56	B0-U0-G1
			IV-CL	1863	132	B1-U0-G0	1944	138	B1-U0-G0	2025	144	B1-U0-G0	2106	149	B1-U0-G0		648	59	B0-U0-G0
			VSQ-N	1996	142	B1-U0-G0	2083	148	B1-U0-G0	2170	154	B1-U0-G0	2256	160	B1-U0-G0		694	64	B1-U0-G0
			VSQ-M	1958	139	B1-U0-G0	2043	145	B1-U0-G0	2128	151	B2-U0-G0	2213	157	B2-U0-G1		681	62	B1-U0-G0
			VSQ-W	1911	136	B2-U0-G1	1994	141	B2-U0-G1	2077	147	B2-U0-G1	2160	153	B2-U0-G1		665	61	B1-U0-G1
			II-HS	1383	98	B0-U0-G0	1443	102	B0-U0-G0	1503	107	B0-U0-G0	1563	111	B0-U0-G0		481	44	B0-U0-G0
			II-FR-HS	1407	100	B0-U0-G0	1468	104	B0-U0-G0	1529	108	B0-U0-G0	1590	113	B0-U0-G0		489	45	B0-U0-G0
			III-M-HS	1400	99	B0-U0-G0	1460	104	B0-U0-G0	1521	108	B0-U0-G0	1582	112	B0-U0-G1		487	45	B0-U0-G0
			III-W-HS	1370	97	B0-U0-G1	1429	101	B0-U0-G1	1489	106	B0-U0-G1	1548	110	B0-U0-G1		476	44	B0-U0-G1
			IV-HS	1445	103	B0-U0-G0	1508	107	B0-U0-G0	1571	111	B0-U0-G0	1633	116	B0-U0-G0		503	46	B0-U0-G0
			IV-FT-HS	1366	97	B0-U0-G1	1426	101	B0-U0-G1	1485	105	B0-U0-G1	1544	110	B0-U0-G1		475	44	B0-U0-G1
			IV-CL-XHS	1463	104	B0-U0-G0	1527	108	B0-U0-G0	1590	113	B0-U0-G0	1654	117	B0-U0-G0		509	47	B0-U0-G0
12	525	21.3	II	2689	126	B1-U0-G1	2805	132	B1-U0-G1	2923	137	B1-U0-G1	3040	143	B1-U0-G1	16.3	760	47	B0-U0-G0
			II-FR	2707	127	B1-U0-G1	2825	133	B1-U0-G1	2942	138	B1-U0-G1	3060	144	B1-U0-G1		765	47	B0-U0-G0
			III-M	2736	128	B1-U0-G1	2855	134	B1-U0-G1	2974	140	B1-U0-G1	3093	145	B1-U0-G1		773	47	B0-U0-G0
			III-W	2540	119	B1-U0-G1	2651	124	B1-U0-G1	2761	130	B1-U0-G1	2872	135	B1-U0-G1		718	44	B0-U0-G1
			IV	2715	127	B1-U0-G1	2833	133	B1-U0-G1	2951	139	B1-U0-G1	3069	144	B1-U0-G1		767	47	B0-U0-G0
			IV-FT	2474	116	B1-U0-G1	2581	121	B1-U0-G1	2689	126	B1-U0-G1	2796	131	B1-U0-G1		699	43	B0-U0-G1
			IV-CL	2649	124	B1-U0-G0	2764	130	B1-U0-G0	2879	135	B1-U0-G0	2994	141	B1-U0-G0		748	46	B0-U0-G0
			VSQ-N	2838	133	B1-U0-G0	2962	139	B1-U0-G0	3085	145	B1-U0-G0	3208	151	B2-U0-G0		802	49	B1-U0-G0
			VSQ-M	2783	131	B2-U0-G1	2903	136	B2-U0-G1	3025	142	B2-U0-G1	3146	148	B2-U0-G1		786	48	B1-U0-G0
			VSQ-W	2716	128	B2-U0-G1	2834	133	B2-U0-G1	2953	139	B2-U0-G1	3071	144	B2-U0-G1		768	47	B1-U0-G1
			II-HS	1967	92	B0-U0-G1	2052	96	B0-U0-G1	2138	100	B0-U0-G1	2223	104	B0-U0-G1		556	34	B0-U0-G0
			II-FR-HS	2000	94	B0-U0-G0	2087	98	B0-U0-G0	2174	102	B0-U0-G0	2261	106	B0-U0-G0		565	35	B0-U0-G0
			III-M-HS	1990	93	B0-U0-G1	2076	97	B0-U0-G1	2162	102	B0-U0-G1	2249	106	B0-U0-G1		562	34	B0-U0-G0
			III-W-HS	1947	91	B0-U0-G1	2032	95	B0-U0-G1	2117	99	B0-U0-G1	2201	103	B0-U0-G1		550	34	B0-U0-G1
			IV-HS	2055	96	B0-U0-G1	2144	101	B0-U0-G1	2233	105	B0-U0-G1	2323	109	B0-U0-G1		581	36	B0-U0-G0
			IV-FT-HS	1942	91	B0-U0-G1	2027	95	B0-U0-G1	2111	99	B0-U0-G1	2195	103	B0-U0-G1		549	34	B0-U0-G1
			IV-CL-XHS	2079	98	B0-U0-G0	2170	102	B0-U0-G0	2260	106	B0-U0-G0	2351	110	B0-U0-G0		588	36	B0-U0-G0
12	700	28.2	II	3382	120	B1-U0-G1	3529	125	B1-U0-G1	3676	130	B1-U0-G1	3823	136	B1-U0-G1				
			II-FR	3405	121	B1-U0-G1	3553	126	B1-U0-G1	3701	131	B1-U0-G1	3849	136	B1-U0-G1				
			III-M	3441	122	B1-U0-G1	3590	127	B1-U0-G1	3740	133	B1-U0-G1	3890	138	B1-U0-G1				
			III-W	3195	113	B1-U0-G1	3334	118	B1-U0-G1	3473	123	B1-U0-G1	3612	128	B1-U0-G1				
			IV	3415	121	B1-U0-G1	3564	126	B1-U0-G1	3712	132	B1-U0-G1	3861	137	B1-U0-G1				
			IV-FT	3111	110	B1-U0-G1	3246	115	B1-U0-G1	3381	120	B1-U0-G1	3516	125	B1-U0-G1				
			IV-CL	3331	118	B1-U0-G0	3476	123	B1-U0-G0	3621	128	B1-U0-G0	3766	134	B1-U0-G0				
			VSQ-N	3570	127	B2-U0-G0	3725	132	B2-U0-G0	3880	138	B2-U0-G0	4035	143	B2-U0-G0				
			VSQ-M	3500	124	B2-U0-G1	3652	130	B2-U0-G1	3805	135	B2-U0-G1	3957	140	B2-U0-G1				
			VSQ-W	3416	121	B3-U0-G1	3565	126	B3-U0-G1	3714	132	B3-U0-G1	3862	137	B3-U0-G1				
			II-HS	2474	88	B0-U0-G1	2581	92	B0-U0-G1	2688	95	B0-U0-G1	2796	99	B0-U0-G1				
			II-FR-HS	2516	89	B0-U0-G0	2625	93	B0-U0-G0	2735	97	B0-U0-G0	2844	101	B0-U0-G0				
			III-M-HS	2502	89	B0-U0-G1	2611	93	B0-U0-G1	2719	96	B0-U0-G1	2828	100	B0-U0-G1				
			III-W-HS	2449	87	B0-U0-G1	2556	91	B0-U0-G1	2662	94	B0-U0-G1	2768	98	B0-U0-G1				
			IV-HS	2585	92	B0-U0-G1	2697	96	B0-U0-G1	2809	100	B0-U0-G1	2921	104	B0-U0-G1				
			IV-FT-HS	2443	87	B0-U0-G1	2549	90	B0-U0-G1	2655	94	B0-U0-G1	2761	98	B0-U0-G1				
			IV-CL-XHS	2616	93	B0-U0-G0	2729	97	B0-U0-G0	2843	101	B0-U0-G0	2957	105	B0-U0-G0				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

IK5-xx-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	175	11.8	II	1670	142	B1-U0-G1	1743	148	B1-U0-G1	1816	154	B1-U0-G1	1888	160	B1-U0-G1	9.1	581	64	B0-U0-G0
			II-FR	1682	143	B1-U0-G0	1755	149	B1-U0-G0	1828	155	B1-U0-G0	1901	161	B1-U0-G0		585	64	B0-U0-G0
			III-M	1700	144	B1-U0-G1	1774	150	B1-U0-G1	1847	157	B1-U0-G1	1921	163	B1-U0-G1		591	65	B0-U0-G0
			III-W	1578	134	B0-U0-G1	1647	140	B0-U0-G1	1715	145	B0-U0-G1	1784	151	B1-U0-G1		549	60	B0-U0-G1
			IV	1687	143	B1-U0-G1	1760	149	B1-U0-G1	1833	155	B1-U0-G1	1907	162	B1-U0-G1		587	64	B0-U0-G0
			IV-FT	1537	130	B0-U0-G1	1603	136	B1-U0-G1	1670	142	B1-U0-G1	1737	147	B1-U0-G1		534	59	B0-U0-G1
			IV-CL	1645	139	B1-U0-G0	1717	145	B1-U0-G0	1788	152	B1-U0-G0	1859	158	B1-U0-G0		572	63	B0-U0-G0
			VSQ-N	1763	149	B1-U0-G0	1840	156	B1-U0-G0	1917	162	B1-U0-G0	1993	169	B1-U0-G0		613	67	B0-U0-G0
			VSQ-M	1729	147	B1-U0-G0	1804	153	B1-U0-G0	1879	159	B1-U0-G0	1954	166	B1-U0-G0		601	66	B1-U0-G0
			VSQ-W	1687	143	B1-U0-G1	1761	149	B2-U0-G1	1834	155	B2-U0-G1	1908	162	B2-U0-G1		587	64	B1-U0-G1
			II-HS	1222	104	B0-U0-G0	1275	108	B0-U0-G0	1328	113	B0-U0-G0	1381	117	B0-U0-G0		425	47	B0-U0-G0
			II-FR-HS	1243	105	B0-U0-G0	1297	110	B0-U0-G0	1351	114	B0-U0-G0	1405	119	B0-U0-G0		432	48	B0-U0-G0
			III-M-HS	1236	105	B0-U0-G0	1290	109	B0-U0-G0	1344	114	B0-U0-G0	1397	118	B0-U0-G0		430	47	B0-U0-G0
			III-W-HS	1210	103	B0-U0-G1	1262	107	B0-U0-G1	1315	111	B0-U0-G1	1367	116	B0-U0-G1		421	46	B0-U0-G1
			IV-HS	1277	108	B0-U0-G0	1332	113	B0-U0-G0	1388	118	B0-U0-G0	1443	122	B0-U0-G0		444	49	B0-U0-G0
			IV-FT-HS	1207	102	B0-U0-G1	1259	107	B0-U0-G1	1311	111	B0-U0-G1	1364	116	B0-U0-G1		420	46	B0-U0-G1
			IV-CL-XHS	1292	109	B0-U0-G0	1348	114	B0-U0-G0	1404	119	B0-U0-G0	1460	124	B0-U0-G0		449	49	B0-U0-G0
20	350	23.6	II	3152	134	B1-U0-G1	3288	139	B1-U0-G1	3426	145	B1-U0-G1	3563	151	B1-U0-G1	18.2	1096	60	B0-U0-G0
			II-FR	3173	134	B1-U0-G1	3311	140	B1-U0-G1	3449	146	B1-U0-G1	3587	152	B1-U0-G1		1104	61	B0-U0-G0
			III-M	3207	136	B1-U0-G1	3346	142	B1-U0-G1	3486	148	B1-U0-G1	3625	154	B1-U0-G1		1115	61	B0-U0-G0
			III-W	2978	126	B1-U0-G1	3107	132	B1-U0-G1	3237	137	B1-U0-G1	3366	143	B1-U0-G1		1036	57	B0-U0-G1
			IV	3183	135	B1-U0-G1	3321	141	B1-U0-G1	3459	147	B1-U0-G1	3598	152	B1-U0-G1		1107	61	B0-U0-G0
			IV-FT	2899	123	B1-U0-G1	3025	128	B1-U0-G1	3151	134	B1-U0-G1	3277	139	B1-U0-G1		1008	55	B0-U0-G1
			IV-CL	3104	132	B1-U0-G0	3239	137	B1-U0-G0	3374	143	B1-U0-G0	3509	149	B1-U0-G0		1080	59	B0-U0-G0
			VSQ-N	3327	141	B2-U0-G0	3472	147	B2-U0-G0	3616	153	B2-U0-G0	3761	159	B2-U0-G0		1157	64	B1-U0-G0
			VSQ-M	3262	138	B2-U0-G1	3404	144	B2-U0-G1	3546	150	B2-U0-G1	3688	156	B2-U0-G1		1135	62	B1-U0-G0
			VSQ-W	3184	135	B2-U0-G1	3322	141	B2-U0-G1	3461	147	B3-U0-G1	3600	153	B3-U0-G1		1108	61	B1-U0-G1
			II-HS	2305	98	B0-U0-G1	2405	102	B0-U0-G1	2505	106	B0-U0-G1	2606	110	B0-U0-G1		802	44	B0-U0-G0
			II-FR-HS	2345	99	B0-U0-G0	2447	104	B0-U0-G0	2549	108	B0-U0-G0	2651	112	B0-U0-G0		816	45	B0-U0-G0
			III-M-HS	2332	99	B0-U0-G1	2433	103	B0-U0-G1	2535	107	B0-U0-G1	2636	112	B0-U0-G1		811	45	B0-U0-G0
			III-W-HS	2282	97	B0-U0-G1	2382	101	B0-U0-G1	2481	105	B0-U0-G1	2580	109	B0-U0-G1		794	44	B0-U0-G1
			IV-HS	2409	102	B0-U0-G1	2513	106	B0-U0-G1	2618	111	B0-U0-G1	2722	115	B0-U0-G1		838	46	B0-U0-G0
			IV-FT-HS	2277	96	B0-U0-G1	2376	101	B0-U0-G1	2475	105	B0-U0-G1	2574	109	B0-U0-G1		792	44	B0-U0-G1
			IV-CL-XHS	2438	103	B0-U0-G0	2544	108	B0-U0-G0	2650	112	B0-U0-G0	2756	117	B0-U0-G0		848	47	B0-U0-G0
20	525	35.5	II	4481	126	B1-U0-G1	4676	132	B1-U0-G1	4871	137	B1-U0-G1	5066	143	B1-U0-G1	27.3	1266	46	B1-U0-G0
			II-FR	4511	127	B1-U0-G1	4707	133	B1-U0-G1	4904	138	B1-U0-G1	5100	144	B1-U0-G1		1275	47	B1-U0-G0
			III-M	4560	128	B1-U0-G1	4758	134	B1-U0-G1	4956	140	B1-U0-G1	5154	145	B1-U0-G1		1288	47	B0-U0-G0
			III-W	4234	119	B1-U0-G2	4418	124	B1-U0-G2	4602	130	B1-U0-G2	4786	135	B1-U0-G2		1196	44	B0-U0-G1
			IV	4525	127	B1-U0-G1	4722	133	B1-U0-G1	4919	139	B1-U0-G1	5116	144	B1-U0-G1		1279	47	B0-U0-G1
			IV-FT	4123	116	B1-U0-G2	4302	121	B1-U0-G2	4481	126	B1-U0-G2	4660	131	B1-U0-G2		1165	43	B0-U0-G1
			IV-CL	4414	124	B1-U0-G1	4606	130	B1-U0-G1	4798	135	B1-U0-G1	4990	141	B1-U0-G1		1247	46	B0-U0-G0
			VSQ-N	4730	133	B2-U0-G1	4935	139	B2-U0-G1	5141	145	B2-U0-G1	5347	151	B2-U0-G1		1337	49	B1-U0-G0
			VSQ-M	4638	131	B3-U0-G1	4839	136	B3-U0-G1	5041	142	B3-U0-G1	5243	148	B3-U0-G1		1311	48	B1-U0-G0
			VSQ-W	4528	128	B3-U0-G2	4725	133	B3-U0-G2	4921	139	B3-U0-G2	5118	144	B3-U0-G2		1279	47	B1-U0-G1
			II-HS	3278	92	B0-U0-G1	3420	96	B0-U0-G1	3563	100	B0-U0-G1	3705	104	B0-U0-G1		926	34	B0-U0-G0
			II-FR-HS	3334	94	B0-U0-G1	3479	98	B0-U0-G1	3624	102	B0-U0-G1	3768	106	B0-U0-G1		942	35	B0-U0-G0
			III-M-HS	3316	93	B0-U0-G1	3460	97	B0-U0-G1	3604	102	B0-U0-G1	3748	106	B0-U0-G1		937	34	B0-U0-G0
			III-W-HS	3246	91	B0-U0-G1	3387	95	B0-U0-G1	3528	99	B0-U0-G1	3669	103	B0-U0-G2		917	34	B0-U0-G1
			IV-HS	3425	96	B0-U0-G1	3574	101	B0-U0-G1	3722	105	B0-U0-G1	3871	109	B0-U0-G1		968	35	B0-U0-G0
			IV-FT-HS	3237	91	B0-U0-G2	3377	95	B0-U0-G2	3518	99	B0-U0-G2	3659	103	B0-U0-G2		915	34	B0-U0-G1
			IV-CL-XHS	3466	98	B0-U0-G1	3617	102	B0-U0-G1	3767	106	B0-U0-G1	3918	110	B0-U0-G1		979	36	B0-U0-G0
20	700	47.0	II	5637	120	B1-U0-G1	5882	125	B2-U0-G1	6127	130	B2-U0-G1	6372	136	B2-U0-G2				
			II-FR	5674	121	B2-U0-G1	5921	126	B2-U0-G1	6168	131	B2-U0-G1	6414	136	B2-U0-G1				
			III-M	5735	122	B1-U0-G2	5984	127	B1-U0-G2	6234	133	B2-U0-G2	6483	138	B2-U0-G2				
			III-W	5325	113	B1-U0-G2	5556	118	B1-U0-G2	5788	123	B1-U0-G2	6019	128	B1-U0-G2				
			IV	5692	121	B1-U0-G1	5939	126	B1-U0-G2	6187	132	B2-U0-G2	6435	137	B2-U0-G2				
			IV-FT	5185	110	B1-U0-G2	5410	115	B1-U0-G2	5636	120	B1-U0-G2	5861	125	B1-U0-G2				
			IV-CL	5553	118	B1-U0-G1	5794	123	B1-U0-G1	6036	128	B1-U0-G1	6277	134	B1-U0-G1				
			VSQ-N	5949	127	B2-U0-G1	6208	132	B2-U0-G1	6466	138	B2-U0-G1	6725	143	B2-U0-G1				
			VSQ-M	5834	124	B3-U0-G1	6088	130	B3-U0-G1	6341	135	B3-U0-G1	6595	140	B3-U0-G1				
			VSQ-W	5694	121	B3-U0-G2	5942	126	B3-U0-G2	6189	132	B3-U0-G2	6437	137	B3-U0-G2				
			II-HS	4122	88	B0-U0-G1	4302	92	B0-U0-G1	4481	95	B0-U0-G1	4660	99	B1-U0-G1				
			II-FR-HS	4193	89	B0-U0-G1	4376	93	B0-U0-G1	4558	97	B0-U0-G1	4740	101	B0-U0-G1				
			III-M-HS	4170	89	B0-U0-G1	4351	93	B0-U0-G2	4533	96	B0-U0-G2	4714	100	B0-U0-G2				
			III-W-HS	4082	87	B0-U0-G2	4259	91	B0-U0-G2	4437	94	B0-U0-G2	4614	98	B0-U0-G2				
			IV-HS	4308	92	B0-U0-G1	4495	96	B0-U0-G1	4682	100	B0-U0-G2	4869	104	B0-U0-G2				
			IV-FT-HS	4071	87	B0-U0-G2	4248	90	B0-U0-G2	4425	94	B0-U0-G2	4602	98	B0-U0-G2				
			IV-CL-XHS	4359	93	B0-U0-G1	4549	97	B0-U0-G1	4738	101	B0-U0-G1	4927	105	B0-U0-G1				
20	875	58.4	II	6639	114	B2-U0-G2	6928	119	B2-U0-G2	7216	124	B2-U0-G2	7505	129	B2-U0-G2				
			II-FR	6683	114	B2-U0-G1	6974	119	B2-U0-G1	7264	124	B2-U0-G1	7555	129	B2-U0-G1				
			III-M	6755	116	B2-U0-G2	7048	121	B2-U0-G2	7342	126	B2-U0-G2	7636	131	B2-U0-G2				
			III-W	6272	107	B1-U0-G2	6545	112	B1-U0-G2	6817	117	B1-U0-G2	7090	121	B1-U0-G2				
			IV	6704	115	B2-U0-G2	6996	120	B2-U0-G2	7287	125	B2-U0-G2	7579	130	B2-U0-G2				
			IV-FT	6107	105	B1-U0-G2	6373	109	B1-U0-G2	6638	114	B1-U0-G2	6904	118	B1-U0-G2				
			IV-CL	6540	112	B1-U0-G1	6825	117	B2-U0-G1	7109	122	B2-U0-G1	7393	127	B2-U0-G1				
			VSQ-N	7007	120	B2-U0-G1	7312	125	B2-U0-G1	7617	130	B2-U0-G1	7921	136	B3-U0-G1				
			VSQ-M	6871	118	B3-U0-G1	7170	123	B3-U0-G1	7469	128	B3-U0-G1	7767	133	B3-U0-G2				
			VSQ-W	6707	115	B3-U0-G2	6999	120	B3-U0-G2	7290	125	B3-U0-G2	7582	130	B3-U0-G2				
			II-HS	4855	83	B1-U0-G2	5066	87	B1-U0-G2	5278	90	B1-U0-G2	5489	94	B1-U0-G2				
			II-FR-HS	4939	85	B0-U0-G1	5154	88	B0-U0-G1	5368	92	B0-U0-G1	5583	96	B0-U0-G1				
			III-M-HS	4912	84	B0-U0-G2	5126	88	B0-U0-G2	5339	91	B0-U0-G2	5553	95	B0-U0-G2				
			III-W-HS	4808	82	B0-U0-G2	5017	86	B0-U0-G2	5226	89	B0-U0-G2	5436	93	B0-U0-G2				
			IV-HS	5074	87	B0-U0-G2	5295	91	B0-U0-G2	5515	94	B0-U0-G2	5735	98	B0-U0-G2				
			IV-FT-HS	4795	82	B0-U0-G2	5003	86	B0-U0-G2	5212	89	B0-U0-G2	5420	93	B0-U0-G2				
			IV-CL-XHS	5135	88	B0-U0-G1	5358	92	B0-U0-G1	5581	96	B0-U0-G1	5804	99	B0-U0-G1				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

IK5-xx-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	175	20.7	II	2931	142	B1-U0-G1	3058	148	B1-U0-G1	3185	154	B1-U0-G1	3313	160	B1-U0-G1	15.9	1019	64	B0-U0-G0
			II-FR	2950	143	B1-U0-G1	3079	149	B1-U0-G1	3207	155	B1-U0-G1	3335	161	B1-U0-G1		1026	65	B0-U0-G0
			III-M	2982	144	B1-U0-G1	3111	150	B1-U0-G1	3241	157	B1-U0-G1	3371	163	B1-U0-G1		1037	65	B0-U0-G0
			III-W	2769	134	B1-U0-G1	2889	140	B1-U0-G1	3009	145	B1-U0-G1	3130	151	B1-U0-G1		963	61	B0-U0-G1
			IV	2959	143	B1-U0-G1	3088	149	B1-U0-G1	3217	155	B1-U0-G1	3345	162	B1-U0-G1		1029	65	B0-U0-G0
			IV-FT	2696	130	B1-U0-G1	2813	136	B1-U0-G1	2930	142	B1-U0-G1	3048	147	B1-U0-G1		938	59	B0-U0-G1
			IV-CL	2962	143	B1-U0-G0	3091	149	B1-U0-G0	3220	156	B1-U0-G0	3349	162	B1-U0-G0		1030	65	B0-U0-G0
			VSQ-N	3094	149	B1-U0-G0	3228	156	B2-U0-G0	3363	162	B2-U0-G0	3497	169	B2-U0-G0		1076	68	B1-U0-G0
			VSQ-M	3033	147	B2-U0-G1	3165	153	B2-U0-G1	3297	159	B2-U0-G1	3429	166	B2-U0-G1		1055	66	B1-U0-G0
			VSQ-W	2961	143	B2-U0-G1	3090	149	B2-U0-G1	3218	155	B2-U0-G1	3347	162	B2-U0-G1		1030	65	B1-U0-G1
			II-HS	2144	104	B0-U0-G1	2237	108	B0-U0-G1	2330	113	B0-U0-G1	2423	117	B0-U0-G1		746	47	B0-U0-G0
			II-FR-HS	2181	105	B0-U0-G0	2275	110	B0-U0-G0	2370	114	B0-U0-G0	2465	119	B0-U0-G0		759	48	B0-U0-G0
			III-M-HS	2168	105	B0-U0-G1	2263	109	B0-U0-G1	2357	114	B0-U0-G1	2451	118	B0-U0-G1		754	47	B0-U0-G0
			III-W-HS	2122	103	B0-U0-G1	2215	107	B0-U0-G1	2307	111	B0-U0-G1	2399	116	B0-U0-G1		738	46	B0-U0-G1
			IV-HS	2240	108	B0-U0-G1	2337	113	B0-U0-G1	2434	118	B0-U0-G1	2531	122	B0-U0-G1		779	49	B0-U0-G0
			IV-FT-HS	2117	102	B0-U0-G1	2209	107	B0-U0-G1	2301	111	B0-U0-G1	2393	116	B0-U0-G1		736	46	B0-U0-G1
			IV-CL-XHS	2326	112	B0-U0-G0	2427	117	B0-U0-G0	2528	122	B0-U0-G0	2629	127	B0-U0-G0		809	51	B0-U0-G0
36	350	41.3	II	5529	134	B1-U0-G1	5769	140	B2-U0-G1	6010	146	B2-U0-G1	6250	151	B2-U0-G1	31.8	1923	60	B1-U0-G1
			II-FR	5567	135	B1-U0-G1	5809	141	B2-U0-G1	6051	147	B2-U0-G1	6293	152	B2-U0-G1		1936	61	B1-U0-G0
			III-M	5626	136	B1-U0-G1	5871	142	B1-U0-G2	6115	148	B1-U0-G2	6360	154	B2-U0-G2		1957	62	B1-U0-G1
			III-W	5224	126	B1-U0-G2	5451	132	B1-U0-G2	5678	137	B1-U0-G2	5905	143	B1-U0-G2		1817	57	B1-U0-G1
			IV	5584	135	B1-U0-G1	5826	141	B1-U0-G1	6069	147	B2-U0-G2	6312	153	B2-U0-G2		1942	61	B1-U0-G1
			IV-FT	5086	123	B1-U0-G2	5307	129	B1-U0-G2	5529	134	B1-U0-G2	5750	139	B1-U0-G2		1769	56	B1-U0-G1
			IV-CL	5589	135	B1-U0-G1	5832	141	B1-U0-G1	6075	147	B1-U0-G1	6318	153	B1-U0-G1		1944	61	B1-U0-G0
			VSQ-N	5837	141	B2-U0-G1	6091	147	B2-U0-G1	6344	154	B2-U0-G1	6598	160	B2-U0-G1		2030	64	B1-U0-G0
			VSQ-M	5723	139	B3-U0-G1	5972	145	B3-U0-G1	6221	151	B3-U0-G1	6469	157	B3-U0-G1		1991	63	B1-U0-G0
			VSQ-W	5586	135	B3-U0-G2	5829	141	B3-U0-G2	6072	147	B3-U0-G2	6315	153	B3-U0-G2		1943	61	B2-U0-G1
			II-HS	4044	98	B0-U0-G1	4220	102	B0-U0-G1	4395	106	B0-U0-G1	4571	111	B1-U0-G1		1407	44	B0-U0-G0
			II-FR-HS	4114	100	B0-U0-G1	4293	104	B0-U0-G1	4471	108	B0-U0-G1	4650	113	B0-U0-G1		1431	45	B0-U0-G0
			III-M-HS	4091	99	B0-U0-G1	4269	103	B0-U0-G2	4447	108	B0-U0-G2	4624	112	B0-U0-G2		1423	45	B0-U0-G0
			III-W-HS	4005	97	B0-U0-G2	4178	101	B0-U0-G2	4353	105	B0-U0-G2	4527	110	B0-U0-G2		1393	44	B0-U0-G1
			IV-HS	4225	102	B0-U0-G1	4409	107	B0-U0-G1	4592	111	B0-U0-G1	4776	116	B0-U0-G2		1470	46	B0-U0-G0
			IV-FT-HS	3994	97	B0-U0-G2	4167	101	B0-U0-G2	4341	105	B0-U0-G2	4515	109	B0-U0-G2		1389	44	B0-U0-G1
			IV-CL-XHS	4388	106	B0-U0-G1	4579	111	B0-U0-G1	4770	115	B0-U0-G1	4961	120	B0-U0-G1		1526	48	B0-U0-G0
36	525	62.0	II	7862	127	B2-U0-G2	8204	132	B2-U0-G2	8545	138	B2-U0-G2	8887	143	B2-U0-G2	47.7	2222	47	B1-U0-G1
			II-FR	7915	128	B2-U0-G1	8259	133	B2-U0-G1	8603	139	B2-U0-G1	8947	144	B2-U0-G1		2237	47	B1-U0-G0
			III-M	7999	129	B2-U0-G2	8347	135	B2-U0-G2	8695	140	B2-U0-G2	9043	146	B2-U0-G2		2261	47	B1-U0-G1
			III-W	7428	120	B1-U0-G2	7751	125	B1-U0-G2	8074	130	B2-U0-G2	8397	135	B2-U0-G2		2099	44	B1-U0-G1
			IV	7939	128	B2-U0-G2	8284	134	B2-U0-G2	8630	139	B2-U0-G2	8975	145	B2-U0-G2		2244	47	B1-U0-G1
			IV-FT	7232	117	B2-U0-G2	7547	122	B2-U0-G2	7861	127	B2-U0-G2	8176	132	B2-U0-G2		2044	43	B1-U0-G1
			IV-CL	7947	128	B2-U0-G1	8293	134	B2-U0-G1	8638	139	B2-U0-G1	8984	145	B2-U0-G1		2246	47	B1-U0-G0
			VSQ-N	8297	134	B3-U0-G1	8658	140	B3-U0-G1	9019	145	B3-U0-G1	9380	151	B3-U0-G1		2345	49	B1-U0-G0
			VSQ-M	8137	131	B3-U0-G2	8491	137	B3-U0-G2	8844	143	B3-U0-G2	9198	148	B3-U0-G2		2299	48	B2-U0-G1
			VSQ-W	7943	128	B3-U0-G2	8289	134	B3-U0-G2	8634	139	B4-U0-G2	8980	145	B4-U0-G2		2245	47	B2-U0-G1
			II-HS	5750	93	B1-U0-G2	6000	97	B1-U0-G2	6250	101	B1-U0-G2	6500	105	B1-U0-G2		1625	34	B0-U0-G0
			II-FR-HS	5849	94	B1-U0-G1	6103	98	B1-U0-G1	6357	103	B1-U0-G1	6611	107	B1-U0-G1		1653	35	B0-U0-G0
			III-M-HS	5817	94	B0-U0-G2	6069	98	B0-U0-G2	6322	102	B0-U0-G2	6575	106	B0-U0-G2		1644	34	B0-U0-G1
			III-W-HS	5694	92	B0-U0-G2	5941	96	B0-U0-G2	6189	100	B0-U0-G2	6436	104	B0-U0-G2		1609	34	B0-U0-G1
			IV-HS	6008	97	B0-U0-G2	6269	101	B0-U0-G2	6530	105	B0-U0-G2	6791	110	B0-U0-G2		1698	36	B0-U0-G1
			IV-FT-HS	5678	92	B0-U0-G2	5925	96	B0-U0-G2	6172	100	B0-U0-G2	6419	104	B0-U0-G2		1605	34	B0-U0-G1
			IV-CL-XHS	6239	101	B0-U0-G1	6510	105	B0-U0-G1	6781	109	B0-U0-G1	7052	114	B0-U0-G1		1763	37	B0-U0-G0
36	700	82.6	II	9889	120	B2-U0-G2	10319	125	B2-U0-G2	10749	130	B2-U0-G2	11179	135	B2-U0-G2				
			II-FR	9955	121	B2-U0-G1	10388	126	B2-U0-G1	10820	131	B2-U0-G1	11253	136	B3-U0-G1				
			III-M	10061	122	B2-U0-G2	10499	127	B2-U0-G2	10936	132	B2-U0-G2	11374	138	B2-U0-G2				
			III-W	9342	113	B2-U0-G3	9748	118	B2-U0-G3	10154	123	B2-U0-G3	10560	128	B2-U0-G3				
			IV	9986	121	B2-U0-G2	10420	126	B2-U0-G2	10854	131	B2-U0-G2	11289	137	B2-U0-G2				
			IV-FT	9096	110	B2-U0-G3	9492	115	B2-U0-G3	9887	120	B2-U0-G3	10283	124	B2-U0-G3				
			IV-CL	9995	121	B2-U0-G1	10430	126	B2-U0-G1	10864	132	B2-U0-G1	11299	137	B2-U0-G1				
			VSQ-N	10437	126	B3-U0-G1	10890	132	B3-U0-G1	11344	137	B3-U0-G1	11798	143	B3-U0-G1				
			VSQ-M	10235	124	B3-U0-G2	10680	129	B4-U0-G2	11125	135	B4-U0-G2	11570	140	B4-U0-G2				
			VSQ-W	9990	121	B4-U0-G3	10425	126	B4-U0-G3	10859	131	B4-U0-G3	11294	137	B4-U0-G3				
			II-HS	7232	88	B1-U0-G2	7547	91	B1-U0-G2	7861	95	B1-U0-G2	8175	99	B1-U0-G2				
			II-FR-HS	7356	89	B1-U0-G1	7676	93	B1-U0-G1	7996	97	B1-U0-G1	8315	101	B1-U0-G1				
			III-M-HS	7316	89	B0-U0-G2	7634	92	B1-U0-G2	7952	96	B1-U0-G2	8270	100	B1-U0-G2				
			III-W-HS	7161	87	B0-U0-G2	7472	90	B0-U0-G2	7784	94	B0-U0-G2	8095	98	B1-U0-G2				
			IV-HS	7557	91	B1-U0-G2	7886	95	B1-U0-G2	8214	99	B1-U0-G2	8542	103	B1-U0-G2				
			IV-FT-HS	7142	86	B1-U0-G3	7453	90	B1-U0-G3	7763	94	B1-U0-G3	8074	98	B1-U0-G3				
			IV-CL-XHS	7848	95	B0-U0-G1	8189	99	B0-U0-G2	8530	103	B0-U0-G2	8872	107	B0-U0-G2				
36	875	103.1	II	11647	113	B2-U0-G2	12154	118	B2-U0-G2	12660	123	B2-U0-G2	13166	128	B2-U0-G2				
			II-FR	11725	114	B3-U0-G1	12235	119	B3-U0-G1	12744	124	B3-U0-G1	13254	129	B3-U0-G1				
			III-M	11851	115	B2-U0-G2	12366	120	B2-U0-G2	12881	125	B2-U0-G2	13396	130	B2-U0-G2				
			III-W	11003	107	B2-U0-G3	11482	111	B2-U0-G3	11960	116	B2-U0-G3	12438	121	B2-U0-G3				
			IV	11762	114	B2-U0-G2	12273	119	B2-U0-G2	12784	124	B2-U0-G2	13296	129	B2-U0-G2				
			IV-FT	10715	104	B2-U0-G3	11180	108	B2-U0-G3	11646	113	B2-U0-G3	12112	117	B2-U0-G3				
			IV-CL	11772	114	B2-U0-G1	12284	119	B2-U0-G2	12796	124	B2-U0-G2	13308	129	B2-U0-G2				
			VSQ-N	12294	119	B3-U0-G1	12828	124	B3-U0-G1	13363	130	B3-U0-G1	13897	135	B3-U0-G1				
			VSQ-M	12054	117	B4-U0-G2	12578	122	B4-U0-G2	13102	127	B4-U0-G2	13627	132	B4-U0-G2				
			VSQ-W	11767	114	B4-U0-G3	12278	119	B4-U0-G3	12790	124	B4-U0-G3	13302	129	B4-U0-G3				
			II-HS	8518	83	B1-U0-G2	8889	86	B1-U0-G2	9259	90	B1-U0-G2	9629	93	B1-U0-G2				
			II-FR-HS	8665	84	B1-U0-G1	9042	88	B1-U0-G1	9418	91	B1-U0-G1	9795	95	B1-U0-G1				
			III-M-HS	8618	84	B1-U0-G2	8992	87	B1-U0-G2	9367	91	B1-U0-G2	9741	94	B1-U0-G2				
			III-W-HS	8436	82	B1-U0-G2	8802	85	B1-U0-G2	9169	89	B1-U0-G2	9536	92	B1-U0-G3				
			IV-HS	8901	86	B1-U0-G2	9288	90	B1-U0-G2	9675	94	B1-U0-G2	10062	98	B1-U0-G2				
			IV-FT-HS	8413	82	B1-U0-G3	8778	85	B1-U0-G3	9144	89	B1-U0-G3	9510	92	B1-U0-G3				
			IV-CL-XHS	9243	90	B0-U0-G2	9645	94	B0-U0-G2	10047	97	B0-U0-G2	10449	101	B0-U0-G2				