AREA & ROADWAY LIGHTING

PROJECT NAME:

PROJECT TYPE:

SIGMA® - PLED

TRANSITIONAL LED LANTERN

Luminaire
Cast Aluminum Struts and Housing are heavy wall, low copper aluminum alloy (A356 alloy, <0.2% copper). Traditional styling of the housing provided with hinged top for easy access.

PLED™ Optics
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side, maximizing usable light. Optional house side shields are available that cover each individual optic. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments. Quick-disconnects are provided above each panel for fast field replacement. All fixture optical options will provide a "U0" no uplight optical package and is are dark sky friendly.

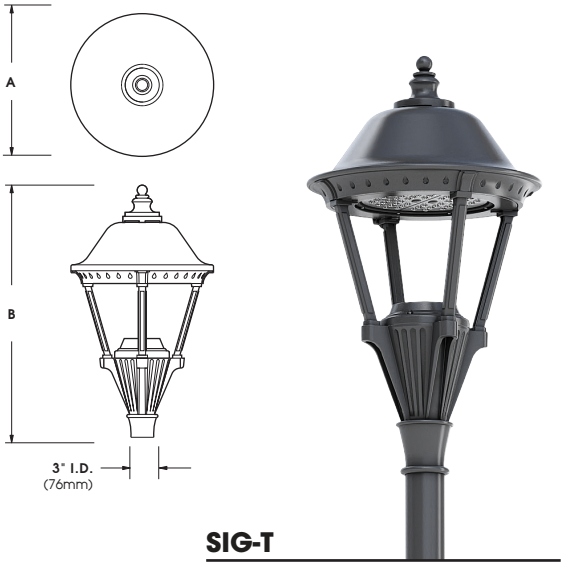
Ambience Low Luminance Lens
Optional Ambience Lens (AL) provides low luminance reduced glare distributions. Lens diffuses the PLED Optics and provides a more uniform luminance across the aperture reducing glare at all angles. Lens is provided with an aluminum frame and is sealed to the housing with high temp gasketing.

LED Emitters
High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Neutral White (4000K), Cool White (5000K), or Warm White (2700K & 3000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L94 at 60,000 hours (TM-21 calculated at 6x Test Time).

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

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. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field installation.)

Finish
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.



SIG-T

(SIG23 shown)

Fitter supplied to fit over 2 7/8" X 3" (73mm X 76mm) tennon.

Fixture	A	B
SIG23-T	23.5" 597mm	41.75" 1060mm
SIG18-T	18.5" 470mm	32" 813mm

SIG-P

(SIG23 Pendant Mount shown)

Fixture	A	B
SIG23-P	23.5" 597mm	35.5" 911mm
SIG18-P	18.5" 470mm	27.5" 696mm

U.L. Listed for Wet Location

2023101

U.S. Pole Company Inc
An Employee Owned Company
660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 www.usaltg.com

MADE IN THE USA

SUN VALLEY LIGHTING

SIG SERIES - PLED

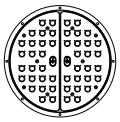
PRODUCT CONFIGURATIONS

EPA & WEIGHT

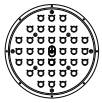
No Lens		w/ Ambience Low Luminance Lens	
			
SIG23-P Max Weight = 56 lbs Max EPA = 1.74 48 LED Max	**SIG23T** Max Weight = 57 lbs Max EPA = 1.83 48 LED Max	**SIG23-P-AL** Max Weight = 56 lbs Max EPA = 1.74 48 LED Max	**SIG23-T-AL** Max Weight = 57 lbs Max EPA = 1.83 48 LED Max
			
SIG18-P Max Weight = 28 lbs Max EPA = 1.08 36 LED Max	**SIG18-P** Max Weight = 28.5 lbs Max EPA = 1.14 36 LED Max	**SIG18-P-AL** Max Weight = 28 lbs Max EPA = 1.08 36 LED Max	**SIG18-P-AL** Max Weight = 28.5 lbs Max EPA = 1.14 36 LED Max

SIG SERIES - PLED

PLED™ MODULES



48 LED Module



36 LED Module

20 LED Module

ORDERING INFORMATION

Spec/Order Example: SIG18-P/PLED-III/20LED-525mA/40K/240/PM-WM/RAL-6005-S/NL

Luminaire	Optics	LED Mode	Voltage	Mounting	Finish	Options

Luminaire

Tenon Mount:
- ☐ **SIG23-T**
- ☐ **SIG18-T**

Pendant Mount:
- ☐ **SIG23-P**
- ☐ **SIG18-P**

Optics

PLED™ Distribution Type

For NL Options:
- ☐ **PLED-II**
- ☐ **PLED-II-FR**
- ☐ **PLED-III**
- ☐ **PLED-III-W**
- ☐ **PLED-IV**
- ☐ **PLED-IV-FT**
- ☐ **PLED-V-SQ-N**
- ☐ **PLED-V-SQ-M**
- ☐ **PLED-V-SQ-W**

Ambience™ Lens Option[3]:
- ☐ **AL-ASY**
- ☐ **AL-ASY-HS**
- ☐ **AL-SYM**

LED

# of LEDs	Drive Current	Color Temp - CCT
☐ **48LED**[1]	☐ **875mA**	☐ **27K** (2700K)
☐ **36LED**	☐ **700mA**	☐ **30K** (3000K)
☐ **20LED**	☐ **525mA**	☐ **40K** (4000K)
	☐ **350mA**	☐ **50K** (5000K)
	☐ **175mA**	☐ **TRA** True Amber[2]

NOTES:
1 - 48LED available in SIG23 only
2 - TRA available in 350mA & 525mA Drive Currents only
3 - Ambience Lens available in SIG23 (48LED) and SIG18 (36LED) only

Consult factory for other CCT, CRI, & Drive Current options

Voltage
- ☐ **120**
- ☐ **208**
- ☐ **240**
- ☐ **277**
- ☐ **347**
- ☐ **480**

Mounting

Post Top
- ☐ **PT23** (To fit 2 3/8" O.D.)
- ☐ **PT27** (To fit 2 7/8" O.D.)

Pendant Mount
- ☐ **PM**

Arm Mount
- ☐ **1**
- ☐ **2-180**
- ☐ **2-90**
- ☐ **3-90**
- ☐ **3-120**
- ☐ **4-90**

Wall Mount
- ☐ **WM**

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**

Premium Finishes
- ☐ Rust
- ☐ Patina Copper **PC**

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

Consult factor for custom colors

Options
- ☐ Catenary Mount (Cable Box/Clamp Bracket) **CCB**
- ☐ Stem Mount + Length(in) (48" Max) **SM+L**
- ☐ Chain Mount + Length(in) (48" Max) **CM+L**
- ☐ Internal House Side Shield incl. LED Count (Example: HS-PLED/48) **HS-PLED**
- ☐ Twist Lock Receptable Only **TPR**
- ☐ 7-Pin Twist Lock Receptable Only **TPR7**
- ☐ High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) **HLSW**
- ☐ Twist Lock Photocell + Voltage (Example: TPC347V) **TPC+V**
- ☐ Photocell + Voltage (Example: PC120V) **PC+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) **MS-F311**

SIG SERIES - PLED

SAMPLE ASSEMBLIES

A. 54-CBC-1060-12'/PT/SIG18/LED/ACCESSORIES/FINISH

B. 17M-1046T-14'/XAX-2-180/SIG23/LED/ACCESSORIES/FINISH

C. 40SB-1050-17'/PT/SIG23/LED/ACCESSORIES/FINISH

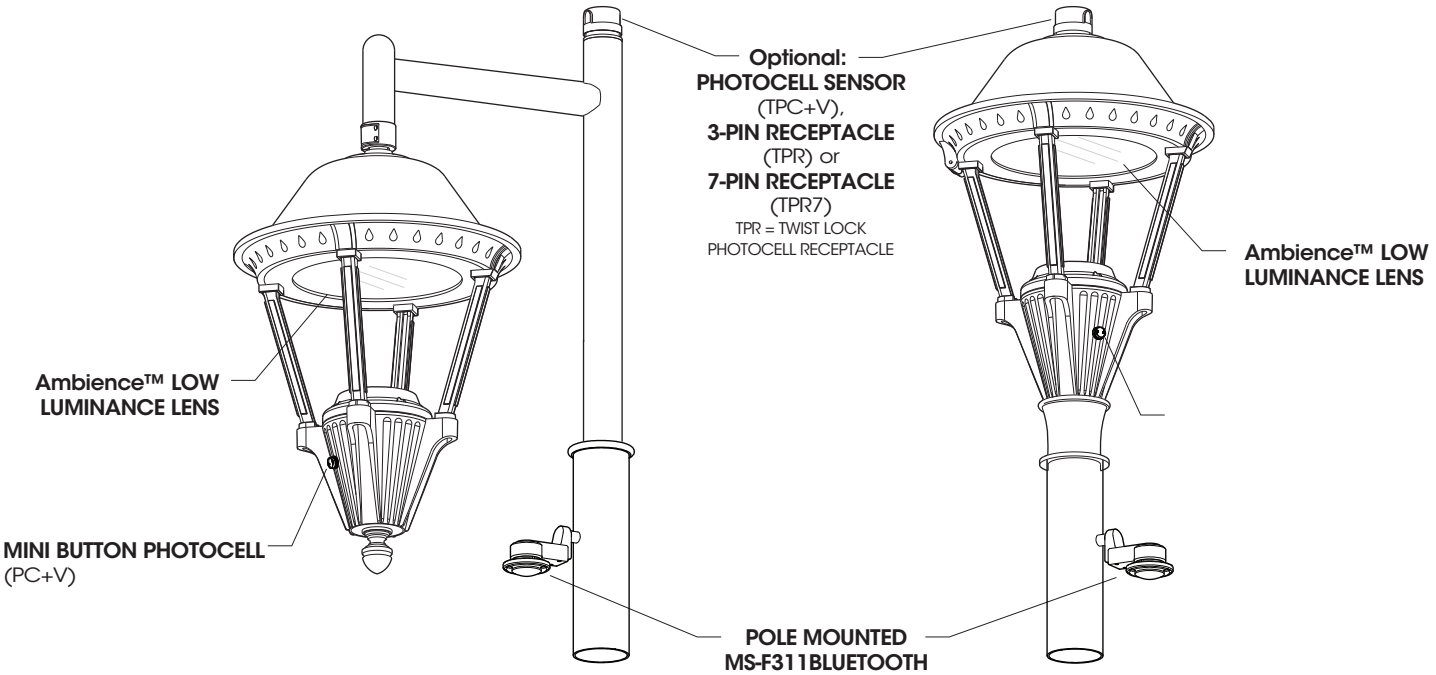
D. 51-1040-12'/XAE-1/SIG18/LED/ACCESSORIES/FINISH

E. WM-XBY-PM/SIG18/LED/ACCESSORIES/FINISH

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

SIG SERIES - PLED

OPTIONS



Factory Settings:
No Motion - 50%
Motion - 100%
Delay - 15 min.
Photocell - 75fc

Sensors can be Field Programmed With Bluetooth App

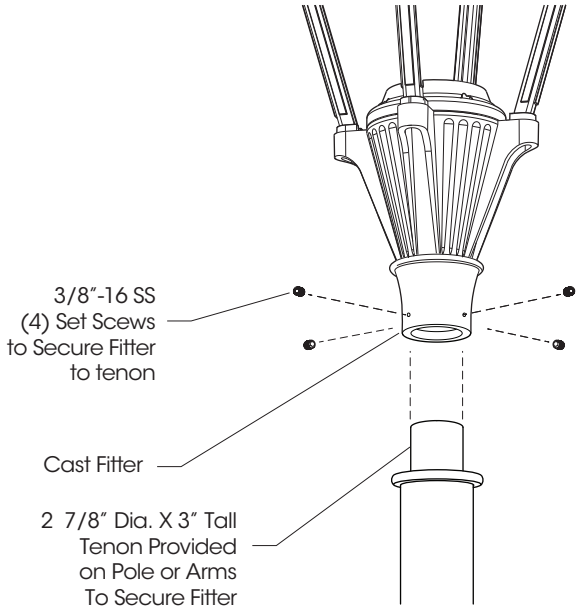
Coupling Provided on Pole to Secure Motion Sensor.

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.

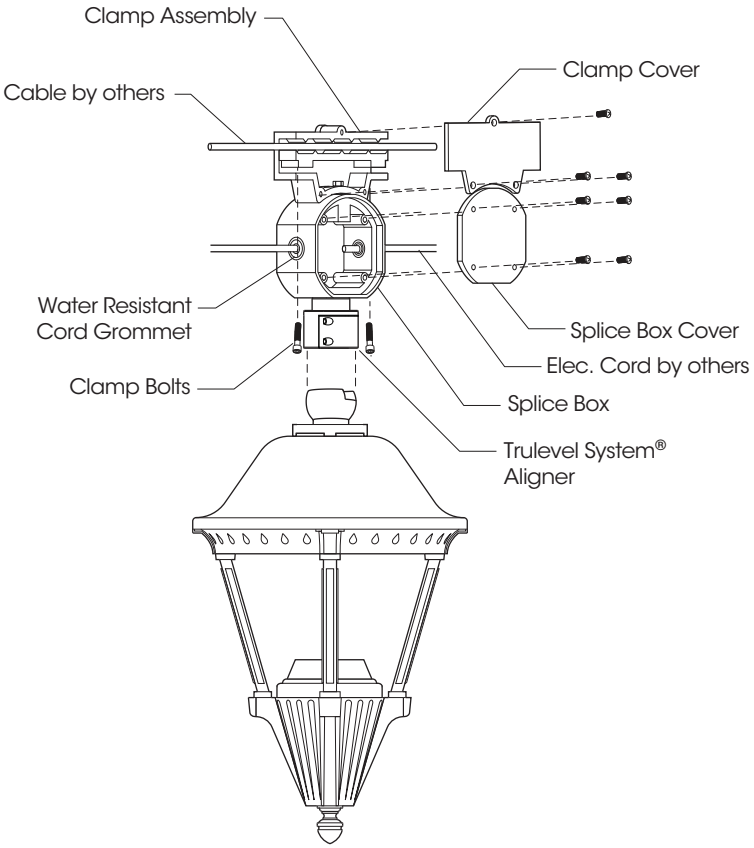
Wireless and Other Fixture Controls
Contact Factory for Wireless and Other Fixture Controls and Recomendations. Most Controls Can be Integrated and Factory Installed.

SIG SERIES - PLED

INSTALLATION DETAIL

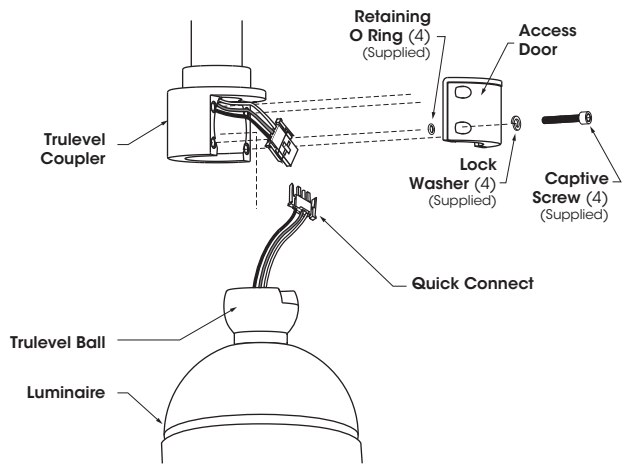


SIG Post Top Installation

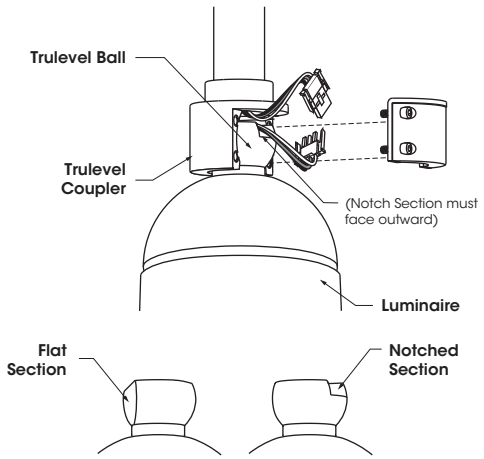


SIG Catenary Installation

Trulevel System® Assembly



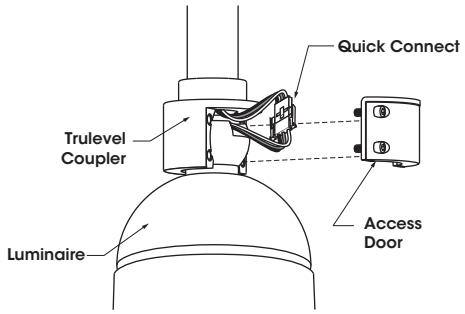
1. Loosen (4) Captive Screws and remove Access Door from Trulevel Coupler, pull out Quick Connect from Trulevel Coupler and Trulevel Ball.



2. Place Trulevel Ball inside of Trulevel Coupler as illustrated.

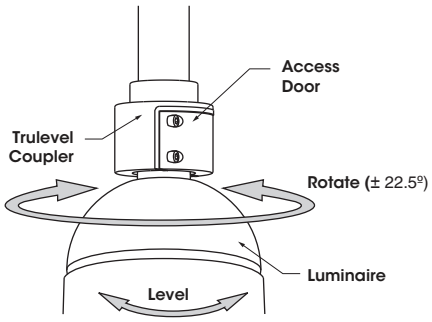
   A - Notched Section of Trulevel Ball must face outward as illustrated.

   B - Flat Section of Trulevel Ball must face inward.



3. Connect Quick Connect components, push components inside of Trulevel Coupler cavity, replace Access Door and loosely secure, do not tighten.

   Fixture will suspend without Access Door during installation.



4. Rotate (left to right ± 22.5°) and level Luminaire to desired position. Tighten Access Door.

   (Tighten each bolt to recommended torque: **10 ft-lb, foot-pound**)

   Trulevel Pendant Mount is intended to allow for fixture leveling, but is not intended to be "free-swinging" upon proper installation.

SIG SERIES - LED

ELECTRICAL DATA GUIDE - AMPERAGE CHART

LED System			CURRENT (A)				
# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
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	175	19.8	0.17	0.10	0.07	0.06	0.04
36	350	39.6	0.33	0.19	0.14	0.11	0.08
36	525	59.4	0.50	0.29	0.21	0.17	0.12
36	700	79.2	0.66	0.38	0.29	0.23	0.17
36	875	99.0	0.83	0.48	0.36	0.29	0.21
48	175	26.4	0.22	0.13	0.10	0.08	0.06
48	350	52.8	0.44	0.25	0.19	0.15	0.11
48	525	79.2	0.66	0.38	0.29	0.23	0.17
48	700	105.6	0.88	0.51	0.38	0.30	0.22
48	875	132.0	1.10	0.63	0.48	0.38	0.28

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000 (10x Test Time Calculated)	L94	0.94x
100,000 (Theoretical Calculated)	L92	0.92x
150,000 (Theoretical Calcualted)	L89	0.89x

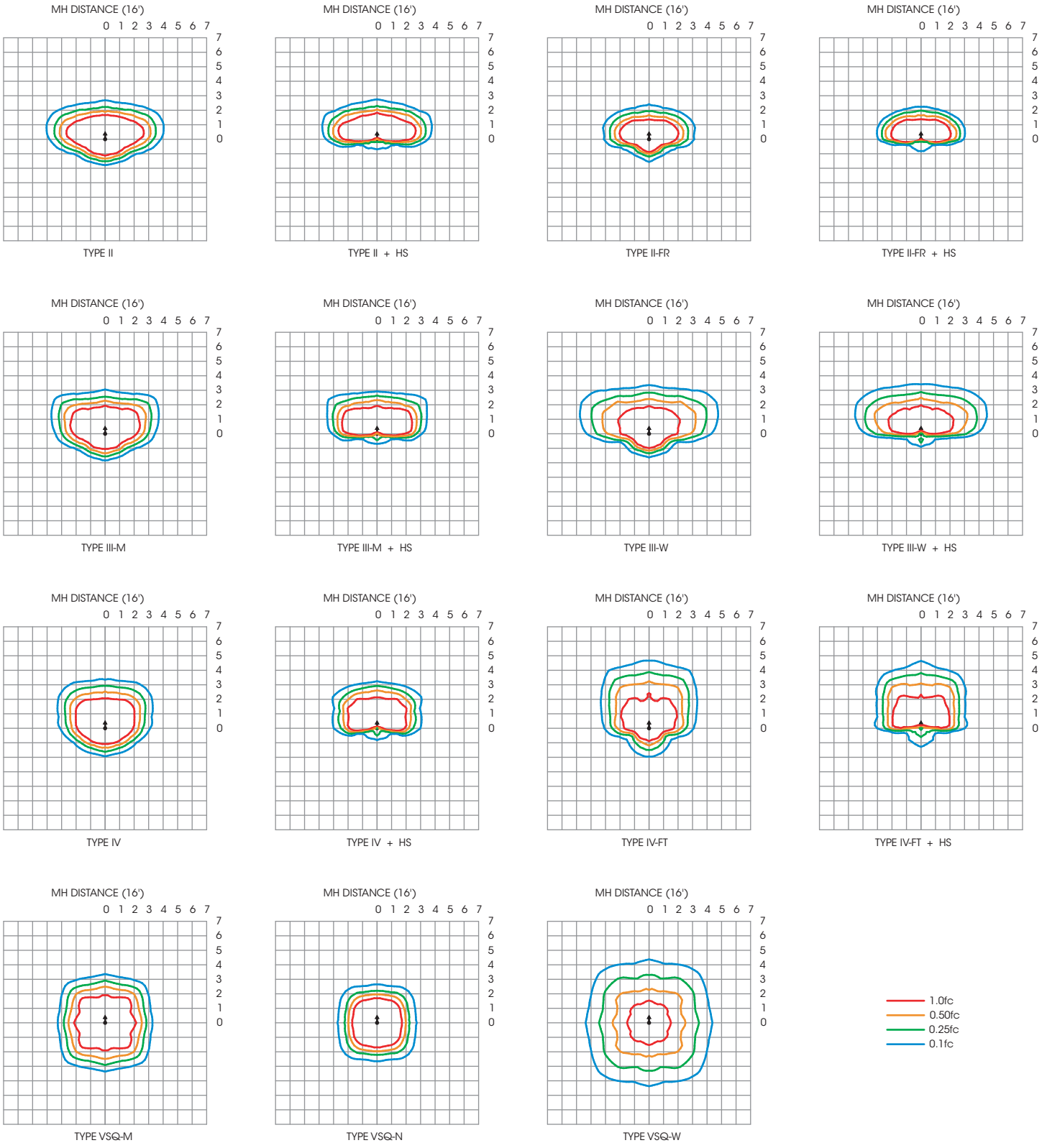
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

TM-21 6x Test Time Dicatates that L94 > 60,000 Hours.

SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE TEMPLATES

SIG18-PLED-36LED-700mA-40K - 16' Height (14' Pole)

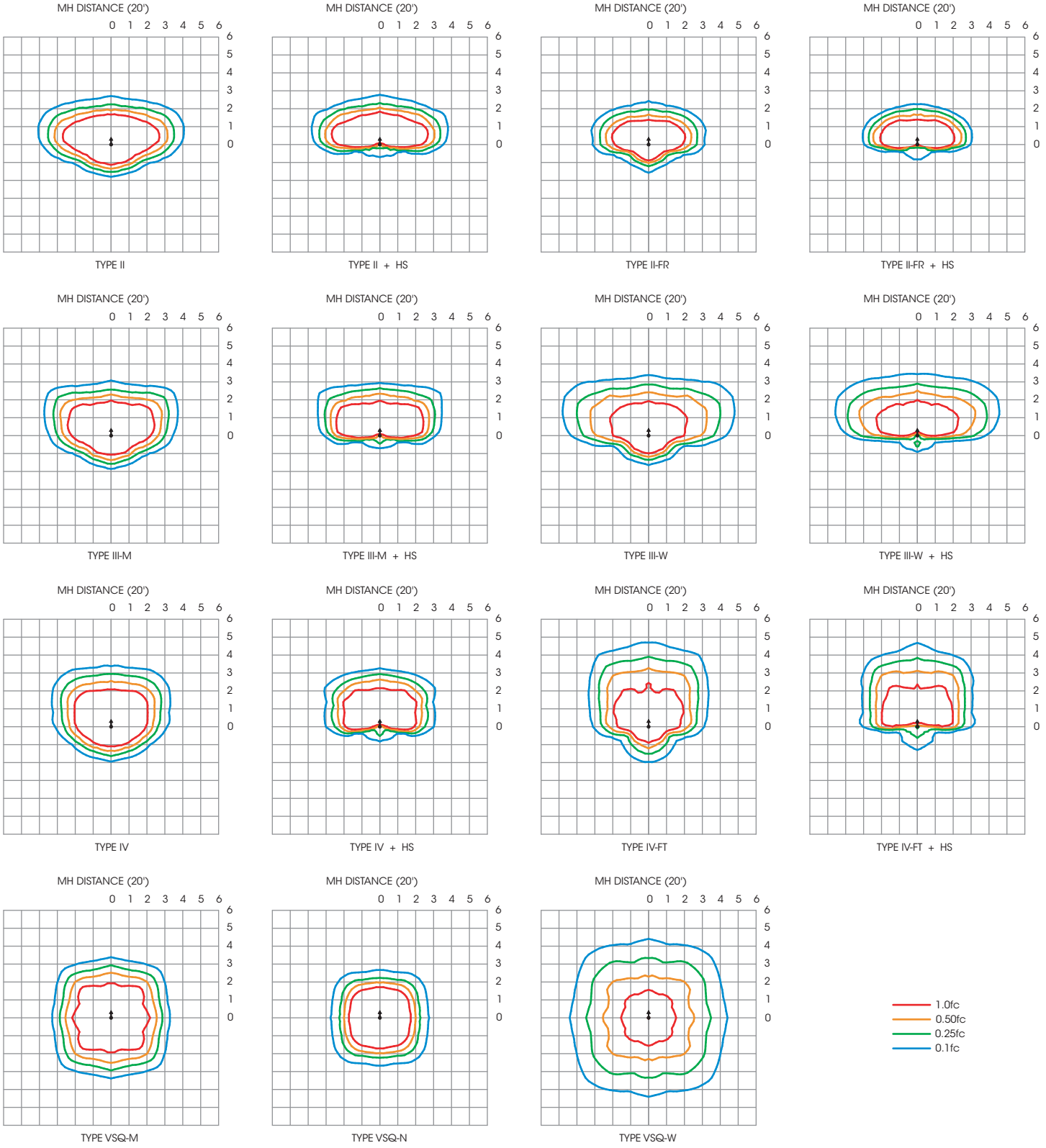


IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE TEMPLATES

SIG23-PLED-48LED-875mA-40K - 20' Height (18' Pole)



IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG18-PLED)

SIG18-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	11.0	II	1189	108	B1-U0-G0	1284	117	B1-U0-G0	1351	123	B1-U0-G0	1419	129	B1-U0-G1	9.0	441	49	B0-U0-G0
			II-FR	1148	104	B0-U0-G0	1239	113	B0-U0-G0	1305	119	B0-U0-G0	1370	125	B0-U0-G0		425	47	B0-U0-G0
			III-M	1216	111	B0-U0-G0	1313	119	B1-U0-G0	1382	126	B1-U0-G0	1451	132	B1-U0-G1		451	50	B0-U0-G0
			III-W	1125	102	B0-U0-G1	1214	110	B0-U0-G1	1278	116	B0-U0-G1	1342	122	B0-U0-G1		417	46	B0-U0-G0
			IV	1224	111	B0-U0-G0	1321	120	B1-U0-G0	1391	126	B1-U0-G1	1460	133	B1-U0-G1		453	50	B0-U0-G0
			IV-FT	1089	99	B0-U0-G1	1176	107	B0-U0-G1	1238	113	B0-U0-G1	1299	118	B0-U0-G1		404	45	B0-U0-G1
			VSQ-N	1261	115	B1-U0-G0	1361	124	B1-U0-G0	1433	130	B1-U0-G0	1504	137	B1-U0-G0		467	52	B0-U0-G0
			VSQ-M	1273	116	B1-U0-G0	1374	125	B1-U0-G0	1447	132	B1-U0-G0	1519	138	B1-U0-G0		472	52	B1-U0-G0
			VSQ-W	1234	112	B1-U0-G1	1332	121	B1-U0-G1	1402	127	B1-U0-G1	1472	134	B1-U0-G1		457	51	B1-U0-G0
			II-HS	893	81	B0-U0-G0	964	88	B0-U0-G0	1014	92	B0-U0-G0	1065	97	B0-U0-G0		331	37	B0-U0-G0
			II-FR-HS	884	80	B0-U0-G0	954	87	B0-U0-G0	1004	91	B0-U0-G0	1053	96	B0-U0-G0		328	36	B0-U0-G0
			III-M-HS	911	83	B0-U0-G0	983	89	B0-U0-G0	1034	94	B0-U0-G0	1086	99	B0-U0-G0		338	38	B0-U0-G0
			III-W-HS	890	81	B0-U0-G1	960	87	B0-U0-G1	1011	92	B0-U0-G1	1061	96	B0-U0-G1		330	37	B0-U0-G0
			IV-HS	946	86	B0-U0-G0	1021	93	B0-U0-G0	1075	98	B0-U0-G0	1129	103	B0-U0-G0		351	39	B0-U0-G0
			IV-FT-HS	889	81	B0-U0-G1	959	87	B0-U0-G1	1010	92	B0-U0-G1	1061	96	B0-U0-G1		329	37	B0-U0-G0
20	350	22.0	II	2162	98	B1-U0-G1	2334	106	B1-U0-G1	2457	112	B1-U0-G1	2579	117	B1-U0-G1	17.1	801	47	B0-U0-G0
			II-FR	2088	95	B1-U0-G0	2253	102	B1-U0-G0	2372	108	B1-U0-G1	2491	113	B1-U0-G1		773	45	B0-U0-G0
			III-M	2211	100	B1-U0-G1	2386	108	B1-U0-G1	2512	114	B1-U0-G1	2637	120	B1-U0-G1		819	48	B0-U0-G0
			III-W	2045	93	B1-U0-G1	2208	100	B1-U0-G1	2324	106	B1-U0-G1	2440	111	B1-U0-G1		758	44	B0-U0-G1
			IV	2225	101	B1-U0-G1	2402	109	B1-U0-G1	2529	115	B1-U0-G1	2655	121	B1-U0-G1		824	48	B0-U0-G0
			IV-FT	1980	90	B0-U0-G1	2137	97	B0-U0-G1	2250	102	B1-U0-G1	2362	107	B1-U0-G1		734	43	B0-U0-G1
			VSQ-N	2292	104	B1-U0-G0	2474	112	B1-U0-G0	2604	118	B1-U0-G0	2734	124	B1-U0-G0		849	50	B1-U0-G0
			VSQ-M	2315	105	B2-U0-G0	2499	114	B2-U0-G1	2631	120	B2-U0-G1	2762	126	B2-U0-G1		858	50	B1-U0-G0
			VSQ-W	2243	102	B2-U0-G1	2422	110	B2-U0-G1	2549	116	B2-U0-G1	2677	122	B2-U0-G1		831	49	B1-U0-G1
			II-HS	1623	74	B0-U0-G0	1751	80	B0-U0-G1	1843	84	B0-U0-G1	1935	88	B0-U0-G1		601	35	B0-U0-G0
			II-FR-HS	1605	73	B0-U0-G0	1733	79	B0-U0-G0	1824	83	B0-U0-G0	1915	87	B0-U0-G0		595	35	B0-U0-G0
			III-M-HS	1655	75	B0-U0-G1	1786	81	B0-U0-G1	1880	85	B0-U0-G1	1973	90	B0-U0-G1		613	36	B0-U0-G0
			III-W-HS	1617	74	B0-U0-G1	1746	79	B0-U0-G1	1838	84	B0-U0-G1	1929	88	B0-U0-G1		599	35	B0-U0-G1
			IV-HS	1720	78	B0-U0-G1	1857	84	B0-U0-G1	1955	89	B0-U0-G1	2052	93	B0-U0-G1		637	37	B0-U0-G0
			IV-FT-HS	1616	73	B0-U0-G1	1745	79	B0-U0-G1	1836	83	B0-U0-G1	1928	88	B0-U0-G1		599	35	B0-U0-G1
20	525	33.0	II	3069	93	B1-U0-G1	3314	100	B1-U0-G1	3488	106	B1-U0-G1	3662	111	B1-U0-G1	25.8	928	36	B0-U0-G0
			II-FR	2964	90	B1-U0-G1	3200	97	B1-U0-G1	3368	102	B1-U0-G1	3537	107	B1-U0-G1		896	35	B0-U0-G0
			III-M	3139	95	B1-U0-G1	3388	103	B1-U0-G1	3567	108	B1-U0-G1	3745	113	B1-U0-G1		949	37	B0-U0-G0
			III-W	2904	88	B1-U0-G1	3135	95	B1-U0-G1	3300	100	B1-U0-G1	3465	105	B1-U0-G1		878	34	B0-U0-G1
			IV	3160	96	B1-U0-G1	3411	103	B1-U0-G1	3590	109	B1-U0-G1	3770	114	B1-U0-G1		955	37	B0-U0-G0
			IV-FT	2811	85	B1-U0-G1	3035	92	B1-U0-G1	3195	97	B1-U0-G1	3354	102	B1-U0-G1		850	33	B0-U0-G1
			VSQ-N	3254	99	B2-U0-G0	3513	106	B2-U0-G0	3698	112	B2-U0-G0	3882	118	B2-U0-G0		984	38	B1-U0-G0
			VSQ-M	3287	100	B2-U0-G1	3548	108	B2-U0-G1	3735	113	B2-U0-G1	3922	119	B2-U0-G1		993	39	B1-U0-G0
			VSQ-W	3185	97	B2-U0-G1	3439	104	B3-U0-G1	3620	110	B3-U0-G1	3801	115	B3-U0-G1		963	37	B1-U0-G1
			II-HS	2304	70	B0-U0-G1	2487	75	B0-U0-G1	2618	79	B0-U0-G1	2748	83	B0-U0-G1		696	27	B0-U0-G0
			II-FR-HS	2280	69	B0-U0-G0	2461	75	B0-U0-G0	2590	78	B0-U0-G0	2719	82	B0-U0-G0		689	27	B0-U0-G0
			III-M-HS	2349	71	B0-U0-G1	2536	77	B0-U0-G1	2670	81	B0-U0-G1	2803	85	B0-U0-G1		710	28	B0-U0-G0
			III-W-HS	2296	70	B0-U0-G1	2479	75	B0-U0-G1	2610	79	B0-U0-G1	2740	83	B0-U0-G1		694	27	B0-U0-G1
			IV-HS	2443	74	B0-U0-G1	2637	80	B0-U0-G1	2775	84	B0-U0-G1	2914	88	B0-U0-G1		738	29	B0-U0-G0
			IV-FT-HS	2295	70	B0-U0-G1	2477	75	B0-U0-G1	2607	79	B0-U0-G1	2738	83	B0-U0-G1		694	27	B0-U0-G1
20	700	44.0	II	3848	87	B1-U0-G1	4154	94	B1-U0-G1	4372	99	B1-U0-G1	4591	104	B1-U0-G1	N/A	N/A		
			II-FR	3715	84	B1-U0-G1	4011	91	B1-U0-G1	4222	96	B1-U0-G1	4433	101	B1-U0-G1				
			III-M	3934	89	B1-U0-G1	4247	97	B1-U0-G1	4471	102	B1-U0-G1	4694	107	B1-U0-G1				
			III-W	3640	83	B1-U0-G1	3930	89	B1-U0-G1	4137	94	B1-U0-G1	4343	99	B1-U0-G2				
			IV	3960	90	B1-U0-G1	4275	97	B1-U0-G1	4501	102	B1-U0-G1	4725	107	B1-U0-G1				
			IV-FT	3524	80	B1-U0-G1	3804	86	B1-U0-G2	4005	91	B1-U0-G2	4205	96	B1-U0-G2				
			VSQ-N	4079	93	B2-U0-G0	4403	100	B2-U0-G1	4635	105	B2-U0-G1	4867	111	B2-U0-G1				
			VSQ-M	4120	94	B2-U0-G1	4448	101	B3-U0-G1	4682	106	B3-U0-G1	4916	112	B3-U0-G1				
			VSQ-W	3993	91	B3-U0-G1	4310	98	B3-U0-G1	4537	103	B3-U0-G1	4764	108	B3-U0-G2				
			II-HS	2887	66	B0-U0-G1	3117	71	B0-U0-G1	3281	75	B0-U0-G1	3445	78	B0-U0-G1				
			II-FR-HS	2857	65	B0-U0-G0	3084	70	B0-U0-G0	3246	74	B0-U0-G0	3408	77	B0-U0-G0				
			III-M-HS	2945	67	B0-U0-G1	3179	72	B0-U0-G1	3346	76	B0-U0-G1	3513	80	B0-U0-G1				
			III-W-HS	2878	65	B0-U0-G1	3107	71	B0-U0-G1	3271	74	B0-U0-G1	3434	78	B0-U0-G1				
			IV-HS	3061	70	B0-U0-G1	3305	75	B0-U0-G1	3479	79	B0-U0-G1	3652	83	B0-U0-G1				
			IV-FT-HS	2876	65	B0-U0-G1	3105	71	B0-U0-G1	3268	74	B0-U0-G1	3431	78	B0-U0-G2				
20	875	55.0	II	4626	84	B1-U0-G1	4994	91	B1-U0-G1	5257	96	B1-U0-G1	5519	100	B2-U0-G1	N/A	N/A		
			II-FR	4467	81	B1-U0-G1	4822	88	B1-U0-G1	5076	92	B1-U0-G1	5330	97	B1-U0-G1				
			III-M	4730	86	B1-U0-G1	5106	93	B1-U0-G1	5375	98	B1-U0-G1	5644	103	B1-U0-G2				
			III-W	4377	80	B1-U0-G2	4724	86	B1-U0-G2	4973	90	B1-U0-G2	5222	95	B1-U0-G2				
			IV	4761	87	B1-U0-G1	5140	93	B1-U0-G1	5411	98	B1-U0-G1	5681	103	B2-U0-G2				
			IV-FT	4237	77	B1-U0-G2	4574	83	B1-U0-G2	4815	88	B1-U0-G2	5055	92	B1-U0-G2				
			VSQ-N	4904	89	B2-U0-G1	5294	96	B2-U0-G1	5573	101	B2-U0-G1	5851	106	B2-U0-G1				
			VSQ-M	4954	90	B3-U0-G1	5348	97	B3-U0-G1	5629	102	B3-U0-G1	5910	107	B3-U0-G1				
			VSQ-W	4800	87	B3-U0-G2	5182	94	B3-U0-G2	5455	99	B3-U0-G2	5727	104	B3-U0-G2				
			II-HS	3471	63	B0-U0-G1	3748	68	B0-U0-G1	3945	72	B0-U0-G1	4141	75	B1-U0-G1				
			II-FR-HS	3435	62	B0-U0-G1	3708	67	B0-U0-G1	3903	71	B0-U0-G1	4098	75	B0-U0-G1				
			III-M-HS	3540	64	B0-U0-G1	3822	69	B0-U0-G1	4023	73	B0-U0-G1	4224	77	B0-U0-G2				
			III-W-HS	3461	63	B0-U0-G1	3736	68	B0-U0-G2	3932	71	B0-U0-G2	4129	75	B0-U0-G2				
			IV-HS	3680	67	B0-U0-G1	3973	72	B0-U0-G1	4182	76	B0-U0-G1	4391	80	B0-U0-G1				
			IV-FT-HS	3458	63	B0-U0-G2	3733	68	B0-U0-G2	3930	71	B0-U0-G2	4126	75	B0-U0-G2				

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SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG18-PLED)

SIG18-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	19.8	II	2140	108	B1-U0-G1	2310	117	B1-U0-G1	2432	123	B1-U0-G1	2553	129	B1-U0-G1	16.0	793	50	B0-U0-G0
			II-FR	2067	104	B1-U0-G0	2231	113	B1-U0-G0	2348	119	B1-U0-G0	2466	125	B1-U0-G1		766	48	B0-U0-G0
			III-M	2188	111	B1-U0-G1	2362	119	B1-U0-G1	2487	126	B1-U0-G1	2611	132	B1-U0-G1		811	51	B0-U0-G0
			III-W	2025	102	B1-U0-G1	2186	110	B1-U0-G1	2301	116	B1-U0-G1	2416	122	B1-U0-G1		750	47	B0-U0-G1
			IV	2203	111	B1-U0-G1	2378	120	B1-U0-G1	2503	126	B1-U0-G1	2628	133	B1-U0-G1		816	51	B0-U0-G0
			IV-FT	1960	99	B0-U0-G1	2116	107	B0-U0-G1	2227	112	B1-U0-G1	2339	118	B1-U0-G1		726	45	B0-U0-G1
			VSQ-N	2269	115	B1-U0-G0	2449	124	B1-U0-G0	2578	130	B1-U0-G0	2707	137	B1-U0-G0		841	53	B1-U0-G0
			VSQ-M	2292	116	B2-U0-G0	2474	125	B2-U0-G1	2604	132	B2-U0-G1	2734	138	B2-U0-G1		849	53	B1-U0-G0
			VSQ-W	2221	112	B2-U0-G1	2397	121	B2-U0-G1	2524	127	B2-U0-G1	2649	134	B2-U0-G1		823	51	B1-U0-G1
			II-HS	1606	81	B0-U0-G0	1734	88	B0-U0-G0	1825	92	B0-U0-G1	1916	97	B0-U0-G1		595	37	B0-U0-G0
			II-FR-HS	1589	80	B0-U0-G0	1716	87	B0-U0-G0	1806	91	B0-U0-G0	1896	96	B0-U0-G0		589	37	B0-U0-G0
			III-M-HS	1638	83	B0-U0-G1	1768	89	B0-U0-G1	1861	94	B0-U0-G1	1954	99	B0-U0-G1		607	38	B0-U0-G0
			III-W-HS	1601	81	B0-U0-G1	1728	87	B0-U0-G1	1819	92	B0-U0-G1	1910	96	B0-U0-G1		593	37	B0-U0-G1
			IV-HS	1703	86	B0-U0-G0	1838	93	B0-U0-G1	1935	98	B0-U0-G1	2031	103	B0-U0-G1		631	39	B0-U0-G0
			IV-FT-HS	1600	81	B0-U0-G1	1727	87	B0-U0-G1	1818	92	B0-U0-G1	1908	96	B0-U0-G1		593	37	B0-U0-G1
36	350	39.6	II	3891	98	B1-U0-G1	4200	106	B1-U0-G1	4421	112	B1-U0-G1	4642	117	B1-U0-G1	30.8	1441	47	B1-U0-G1
			II-FR	3757	95	B1-U0-G1	4056	102	B1-U0-G1	4269	108	B1-U0-G1	4483	113	B1-U0-G1		1392	45	B0-U0-G0
			III-M	3979	100	B1-U0-G1	4295	108	B1-U0-G1	4521	114	B1-U0-G1	4747	120	B1-U0-G1		1474	48	B1-U0-G1
			III-W	3681	93	B1-U0-G1	3974	100	B1-U0-G1	4183	106	B1-U0-G1	4392	111	B1-U0-G2		1364	44	B0-U0-G1
			IV	4005	101	B1-U0-G1	4323	109	B1-U0-G1	4551	115	B1-U0-G1	4778	121	B1-U0-G1		1484	48	B1-U0-G1
			IV-FT	3564	90	B1-U0-G1	3847	97	B1-U0-G2	4050	102	B1-U0-G2	4252	107	B1-U0-G2		1320	43	B0-U0-G1
			VSQ-N	4125	104	B2-U0-G1	4453	112	B2-U0-G1	4687	118	B2-U0-G1	4921	124	B2-U0-G1		1528	50	B1-U0-G0
			VSQ-M	4167	105	B3-U0-G1	4498	114	B3-U0-G1	4735	120	B3-U0-G1	4971	126	B3-U0-G1		1544	50	B1-U0-G0
			VSQ-W	4037	102	B3-U0-G1	4358	110	B3-U0-G1	4588	116	B3-U0-G1	4817	122	B3-U0-G2		1496	49	B1-U0-G1
			II-HS	2920	74	B0-U0-G1	3152	80	B0-U0-G1	3318	84	B0-U0-G1	3483	88	B0-U0-G1		1082	35	B0-U0-G0
			II-FR-HS	2889	73	B0-U0-G0	3119	79	B0-U0-G0	3283	83	B0-U0-G0	3446	87	B0-U0-G1		1070	35	B0-U0-G0
			III-M-HS	2978	75	B0-U0-G1	3214	81	B0-U0-G1	3383	85	B0-U0-G1	3552	90	B0-U0-G1		1103	36	B0-U0-G0
			III-W-HS	2910	73	B0-U0-G1	3142	79	B0-U0-G1	3307	84	B0-U0-G1	3472	88	B0-U0-G1		1078	35	B0-U0-G1
			IV-HS	3096	78	B0-U0-G1	3342	84	B0-U0-G1	3518	89	B0-U0-G1	3693	93	B0-U0-G1		1147	37	B0-U0-G0
			IV-FT-HS	2908	73	B0-U0-G1	3139	79	B0-U0-G1	3305	83	B0-U0-G1	3470	88	B0-U0-G2		1077	35	B0-U0-G1
36	525	59.4	II	5525	93	B2-U0-G1	5964	100	B2-U0-G1	6278	106	B2-U0-G2	6592	111	B2-U0-G2	46.5	1670	36	B1-U0-G1
			II-FR	5335	90	B1-U0-G1	5759	97	B1-U0-G1	6063	102	B1-U0-G1	6366	107	B1-U0-G1		1613	35	B0-U0-G0
			III-M	5649	95	B1-U0-G2	6098	103	B2-U0-G2	6419	108	B2-U0-G2	6740	113	B2-U0-G2		1708	37	B1-U0-G1
			III-W	5227	88	B1-U0-G2	5642	95	B1-U0-G2	5940	100	B1-U0-G2	6236	105	B1-U0-G2		1580	34	B0-U0-G1
			IV	5687	96	B2-U0-G2	6139	103	B2-U0-G2	6462	109	B2-U0-G2	6785	114	B2-U0-G2		1719	37	B1-U0-G1
			IV-FT	5060	85	B1-U0-G2	5462	92	B1-U0-G2	5750	97	B1-U0-G2	6038	102	B1-U0-G2		1530	33	B0-U0-G1
			VSQ-N	5857	99	B2-U0-G1	6323	106	B2-U0-G1	6655	112	B2-U0-G1	6988	118	B2-U0-G1		1770	38	B1-U0-G0
			VSQ-M	5916	100	B3-U0-G1	6387	108	B3-U0-G1	6723	113	B3-U0-G1	7059	119	B3-U0-G1		1788	38	B1-U0-G0
			VSQ-W	5733	97	B3-U0-G2	6189	104	B3-U0-G2	6515	110	B3-U0-G2	6841	115	B3-U0-G2		1733	37	B2-U0-G1
			II-HS	4146	70	B1-U0-G1	4476	75	B1-U0-G1	4711	79	B1-U0-G1	4946	83	B1-U0-G2		1253	27	B0-U0-G0
			II-FR-HS	4102	69	B0-U0-G1	4428	75	B0-U0-G1	4661	78	B1-U0-G1	4894	82	B1-U0-G1		1240	27	B0-U0-G0
			III-M-HS	4228	71	B0-U0-G2	4564	77	B0-U0-G2	4804	81	B0-U0-G2	5044	85	B0-U0-G2		1278	27	B0-U0-G0
			III-W-HS	4133	70	B0-U0-G2	4462	75	B0-U0-G2	4696	79	B0-U0-G2	4931	83	B0-U0-G2		1249	27	B0-U0-G1
			IV-HS	4396	74	B0-U0-G1	4745	80	B0-U0-G2	4995	84	B0-U0-G2	5244	88	B0-U0-G2		1329	29	B0-U0-G0
			IV-FT-HS	4130	70	B0-U0-G2	4458	75	B0-U0-G2	4693	79	B0-U0-G2	4927	83	B0-U0-G2		1248	27	B0-U0-G1
36	700	79.2	II	6925	87	B2-U0-G2	7476	94	B2-U0-G2	7870	99	B2-U0-G2	8263	104	B2-U0-G2	N/A	N/A		
			II-FR	6687	84	B1-U0-G1	7219	91	B1-U0-G1	7599	96	B1-U0-G1	7979	101	B2-U0-G1				
			III-M	7082	89	B2-U0-G2	7645	97	B2-U0-G2	8047	102	B2-U0-G2	8449	107	B2-U0-G2				
			III-W	6552	83	B1-U0-G2	7073	89	B1-U0-G2	7445	94	B1-U0-G2	7818	99	B1-U0-G2				
			IV	7128	90	B2-U0-G2	7695	97	B2-U0-G2	8100	102	B2-U0-G2	8505	107	B2-U0-G2				
			IV-FT	6343	80	B1-U0-G2	6847	86	B1-U0-G2	7208	91	B1-U0-G2	7568	96	B1-U0-G2				
			VSQ-N	7342	93	B2-U0-G1	7925	100	B3-U0-G1	8343	105	B3-U0-G1	8760	111	B3-U0-G1				
			VSQ-M	7416	94	B3-U0-G1	8006	101	B3-U0-G2	8427	106	B3-U0-G2	8849	112	B3-U0-G2				
			VSQ-W	7187	91	B3-U0-G2	7758	98	B3-U0-G2	8167	103	B3-U0-G2	8575	108	B4-U0-G2				
			II-HS	5197	66	B1-U0-G2	5610	71	B1-U0-G2	5905	75	B1-U0-G2	6200	78	B1-U0-G2				
			II-FR-HS	5142	65	B1-U0-G1	5551	70	B1-U0-G1	5843	74	B1-U0-G1	6135	77	B1-U0-G1				
			III-M-HS	5300	67	B0-U0-G2	5721	72	B0-U0-G2	6022	76	B0-U0-G2	6323	80	B0-U0-G2				
			III-W-HS	5181	65	B0-U0-G2	5593	71	B0-U0-G2	5887	74	B0-U0-G2	6181	78	B0-U0-G2				
			IV-HS	5510	70	B0-U0-G2	5948	75	B0-U0-G2	6261	79	B1-U0-G2	6574	83	B1-U0-G2				
			IV-FT-HS	5177	65	B0-U0-G2	5588	71	B1-U0-G2	5883	74	B1-U0-G2	6177	78	B1-U0-G2				
36	875	99.0	II	8326	84	B2-U0-G2	8988	91	B2-U0-G2	9462	96	B2-U0-G2	9934	100	B2-U0-G2	N/A	N/A		
			II-FR	8040	81	B2-U0-G1	8680	88	B2-U0-G1	9137	92	B2-U0-G1	9593	97	B2-U0-G1				
			III-M	8514	86	B2-U0-G2	9191	93	B2-U0-G2	9675	98	B2-U0-G2	10158	103	B2-U0-G2				
			III-W	7877	80	B2-U0-G2	8504	86	B2-U0-G2	8951	90	B2-U0-G2	9399	95	B2-U0-G2				
			IV	8570	87	B2-U0-G2	9251	93	B2-U0-G2	9739	98	B2-U0-G2	10225	103	B2-U0-G2				
			IV-FT	7626	77	B1-U0-G2	8232	83	B1-U0-G3	8666	88	B1-U0-G3	9099	92	B1-U0-G3				
			VSQ-N	8826	89	B3-U0-G1	9528	96	B3-U0-G1	10030	101	B3-U0-G1	10532	106	B3-U0-G1				
			VSQ-M	8916	90	B3-U0-G2	9625	97	B3-U0-G2	10132	102	B3-U0-G2	10638	107	B4-U0-G2				
			VSQ-W	8640	87	B4-U0-G2	9327	94	B4-U0-G2	9818	99	B4-U0-G2	10309	104	B4-U0-G2				
			II-HS	6248	63	B1-U0-G2	6745	68	B1-U0-G2	7100	72	B1-U0-G2	7455	75	B1-U0-G2				
			II-FR-HS	6182	62	B1-U0-G1	6673	67	B1-U0-G1	7025	71	B1-U0-G1	7376	75	B1-U0-G1				
			III-M-HS	6372	64	B1-U0-G2	6878	69	B1-U0-G2	7240	73	B1-U0-G2	7602	77	B1-U0-G2				
			III-W-HS	6229	63	B0-U0-G2	6724	68	B1-U0-G2	7078	71	B1-U0-G2	7432	75	B1-U0-G2				
			IV-HS	6625	67	B1-U0-G2	7151	72	B1-U0-G2	7528	76	B1-U0-G2	7904	80	B1-U0-G2				
			IV-FT-HS	6224	63	B1-U0-G2	6719	68	B1-U0-G2	7073	71	B1-U0-G2	7426	75	B1-U0-G2				

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SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG23-PLED)

SIG23-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	11.0	II	1189	108	B1-U0-G0	1284	117	B1-U0-G0	1351	123	B1-U0-G0	1419	129	B1-U0-G1	9.0	441	49	B0-U0-G0
			II-FR	1148	104	B0-U0-G0	1239	113	B0-U0-G0	1305	119	B0-U0-G0	1370	125	B0-U0-G0		425	47	B0-U0-G0
			III-M	1216	111	B0-U0-G0	1313	119	B1-U0-G0	1382	126	B1-U0-G0	1451	132	B1-U0-G1		451	50	B0-U0-G0
			III-W	1125	102	B0-U0-G1	1214	110	B0-U0-G1	1278	116	B0-U0-G1	1342	122	B0-U0-G1		417	46	B0-U0-G0
			IV	1224	111	B0-U0-G0	1321	120	B1-U0-G0	1391	126	B1-U0-G1	1460	133	B1-U0-G1		453	50	B0-U0-G0
			IV-FT	1089	99	B0-U0-G1	1176	107	B0-U0-G1	1238	113	B0-U0-G1	1299	118	B0-U0-G1		404	45	B0-U0-G1
			VSQ-N	1261	115	B1-U0-G0	1361	124	B1-U0-G0	1433	130	B1-U0-G0	1504	137	B1-U0-G0		467	52	B0-U0-G0
			VSQ-M	1273	116	B1-U0-G0	1374	125	B1-U0-G0	1447	132	B1-U0-G0	1519	138	B1-U0-G0		472	52	B1-U0-G0
			VSQ-W	1234	112	B1-U0-G1	1332	121	B1-U0-G1	1402	127	B1-U0-G1	1472	134	B1-U0-G1		457	51	B1-U0-G0
			II-HS	893	81	B0-U0-G0	964	88	B0-U0-G0	1014	92	B0-U0-G0	1065	97	B0-U0-G0		331	37	B0-U0-G0
			II-FR-HS	884	80	B0-U0-G0	954	87	B0-U0-G0	1004	91	B0-U0-G0	1053	96	B0-U0-G0		328	36	B0-U0-G0
			III-M-HS	911	83	B0-U0-G0	983	89	B0-U0-G0	1034	94	B0-U0-G0	1086	99	B0-U0-G0		338	38	B0-U0-G0
			III-W-HS	890	81	B0-U0-G1	960	87	B0-U0-G1	1011	92	B0-U0-G1	1061	96	B0-U0-G1		330	37	B0-U0-G0
			IV-HS	946	86	B0-U0-G0	1021	93	B0-U0-G0	1075	98	B0-U0-G0	1129	103	B0-U0-G0		351	39	B0-U0-G0
			IV-FT-HS	889	81	B0-U0-G1	959	87	B0-U0-G1	1010	92	B0-U0-G1	1061	96	B0-U0-G1		329	37	B0-U0-G0
20	350	22.0	II	2162	98	B1-U0-G1	2334	106	B1-U0-G1	2457	112	B1-U0-G1	2579	117	B1-U0-G1	17.1	801	47	B0-U0-G0
			II-FR	2088	95	B1-U0-G0	2253	102	B1-U0-G0	2372	108	B1-U0-G1	2491	113	B1-U0-G1		773	45	B0-U0-G0
			III-M	2211	100	B1-U0-G1	2386	108	B1-U0-G1	2512	114	B1-U0-G1	2637	120	B1-U0-G1		819	48	B0-U0-G0
			III-W	2045	93	B1-U0-G1	2208	100	B1-U0-G1	2324	106	B1-U0-G1	2440	111	B1-U0-G1		758	44	B0-U0-G1
			IV	2225	101	B1-U0-G1	2402	109	B1-U0-G1	2529	115	B1-U0-G1	2655	121	B1-U0-G1		824	48	B0-U0-G0
			IV-FT	1980	90	B0-U0-G1	2137	97	B0-U0-G1	2250	102	B1-U0-G1	2362	107	B1-U0-G1		734	43	B0-U0-G1
			VSQ-N	2292	104	B1-U0-G0	2474	112	B1-U0-G0	2604	118	B1-U0-G0	2734	124	B1-U0-G0		849	50	B1-U0-G0
			VSQ-M	2315	105	B2-U0-G0	2499	114	B2-U0-G1	2631	120	B2-U0-G1	2762	126	B2-U0-G1		858	50	B1-U0-G0
			VSQ-W	2243	102	B2-U0-G1	2422	110	B2-U0-G1	2549	116	B2-U0-G1	2677	122	B2-U0-G1		831	49	B1-U0-G1
			II-HS	1623	74	B0-U0-G0	1751	80	B0-U0-G1	1843	84	B0-U0-G1	1935	88	B0-U0-G1		601	35	B0-U0-G0
			II-FR-HS	1605	73	B0-U0-G0	1733	79	B0-U0-G0	1824	83	B0-U0-G0	1915	87	B0-U0-G0		595	35	B0-U0-G0
			III-M-HS	1655	75	B0-U0-G1	1786	81	B0-U0-G1	1880	85	B0-U0-G1	1973	90	B0-U0-G1		613	36	B0-U0-G0
			III-W-HS	1617	74	B0-U0-G1	1746	79	B0-U0-G1	1838	84	B0-U0-G1	1929	88	B0-U0-G1		599	35	B0-U0-G1
			IV-HS	1720	78	B0-U0-G1	1857	84	B0-U0-G1	1955	89	B0-U0-G1	2052	93	B0-U0-G1		637	37	B0-U0-G0
			IV-FT-HS	1616	73	B0-U0-G1	1745	79	B0-U0-G1	1836	83	B0-U0-G1	1928	88	B0-U0-G1		599	35	B0-U0-G1
20	525	33.0	II	3069	93	B1-U0-G1	3314	100	B1-U0-G1	3488	106	B1-U0-G1	3662	111	B1-U0-G1	25.8	928	36	B0-U0-G0
			II-FR	2964	90	B1-U0-G1	3200	97	B1-U0-G1	3368	102	B1-U0-G1	3537	107	B1-U0-G1		896	35	B0-U0-G0
			III-M	3139	95	B1-U0-G1	3388	103	B1-U0-G1	3567	108	B1-U0-G1	3745	113	B1-U0-G1		949	37	B0-U0-G0
			III-W	2904	88	B1-U0-G1	3135	95	B1-U0-G1	3300	100	B1-U0-G1	3465	105	B1-U0-G1		878	34	B0-U0-G1
			IV	3160	96	B1-U0-G1	3411	103	B1-U0-G1	3590	109	B1-U0-G1	3770	114	B1-U0-G1		955	37	B0-U0-G0
			IV-FT	2811	85	B1-U0-G1	3035	92	B1-U0-G1	3195	97	B1-U0-G1	3354	102	B1-U0-G1		850	33	B0-U0-G1
			VSQ-N	3254	99	B2-U0-G0	3513	106	B2-U0-G0	3698	112	B2-U0-G0	3882	118	B2-U0-G0		984	38	B1-U0-G0
			VSQ-M	3287	100	B2-U0-G1	3548	108	B2-U0-G1	3735	113	B2-U0-G1	3922	119	B2-U0-G1		993	39	B1-U0-G0
			VSQ-W	3185	97	B2-U0-G1	3439	104	B3-U0-G1	3620	110	B3-U0-G1	3801	115	B3-U0-G1		963	37	B1-U0-G1
			II-HS	2304	70	B0-U0-G1	2487	75	B0-U0-G1	2618	79	B0-U0-G1	2748	83	B0-U0-G1		696	27	B0-U0-G0
			II-FR-HS	2280	69	B0-U0-G0	2461	75	B0-U0-G0	2590	78	B0-U0-G0	2719	82	B0-U0-G0		689	27	B0-U0-G0
			III-M-HS	2349	71	B0-U0-G1	2536	77	B0-U0-G1	2670	81	B0-U0-G1	2803	85	B0-U0-G1		710	28	B0-U0-G0
			III-W-HS	2296	70	B0-U0-G1	2479	75	B0-U0-G1	2610	79	B0-U0-G1	2740	83	B0-U0-G1		694	27	B0-U0-G1
			IV-HS	2443	74	B0-U0-G1	2637	80	B0-U0-G1	2775	84	B0-U0-G1	2914	88	B0-U0-G1		738	29	B0-U0-G0
			IV-FT-HS	2295	70	B0-U0-G1	2477	75	B0-U0-G1	2607	79	B0-U0-G1	2738	83	B0-U0-G1		694	27	B0-U0-G1
20	700	44.0	II	3848	87	B1-U0-G1	4154	94	B1-U0-G1	4372	99	B1-U0-G1	4591	104	B1-U0-G1	N/A	N/A		
			II-FR	3715	84	B1-U0-G1	4011	91	B1-U0-G1	4222	96	B1-U0-G1	4433	101	B1-U0-G1				
			III-M	3934	89	B1-U0-G1	4247	97	B1-U0-G1	4471	102	B1-U0-G1	4694	107	B1-U0-G1				
			III-W	3640	83	B1-U0-G1	3930	89	B1-U0-G1	4137	94	B1-U0-G1	4343	99	B1-U0-G2				
			IV	3960	90	B1-U0-G1	4275	97	B1-U0-G1	4501	102	B1-U0-G1	4725	107	B1-U0-G1				
			IV-FT	3524	80	B1-U0-G1	3804	86	B1-U0-G2	4005	91	B1-U0-G2	4205	96	B1-U0-G2				
			VSQ-N	4079	93	B2-U0-G0	4403	100	B2-U0-G1	4635	105	B2-U0-G1	4867	111	B2-U0-G1				
			VSQ-M	4120	94	B2-U0-G1	4448	101	B3-U0-G1	4682	106	B3-U0-G1	4916	112	B3-U0-G1				
			VSQ-W	3993	91	B3-U0-G1	4310	98	B3-U0-G1	4537	103	B3-U0-G1	4764	108	B3-U0-G2				
			II-HS	2887	66	B0-U0-G1	3117	71	B0-U0-G1	3281	75	B0-U0-G1	3445	78	B0-U0-G1				
			II-FR-HS	2857	65	B0-U0-G0	3084	70	B0-U0-G0	3246	74	B0-U0-G0	3408	77	B0-U0-G0				
			III-M-HS	2945	67	B0-U0-G1	3179	72	B0-U0-G1	3346	76	B0-U0-G1	3513	80	B0-U0-G1				
			III-W-HS	2878	65	B0-U0-G1	3107	71	B0-U0-G1	3271	74	B0-U0-G1	3434	78	B0-U0-G1				
			IV-HS	3061	70	B0-U0-G1	3305	75	B0-U0-G1	3479	79	B0-U0-G1	3652	83	B0-U0-G1				
			IV-FT-HS	2876	65	B0-U0-G1	3105	71	B0-U0-G1	3268	74	B0-U0-G1	3431	78	B0-U0-G2				
20	875	55.0	II	4626	84	B1-U0-G1	4994	91	B1-U0-G1	5257	96	B1-U0-G1	5519	100	B2-U0-G1	N/A	N/A		
			II-FR	4467	81	B1-U0-G1	4822	88	B1-U0-G1	5076	92	B1-U0-G1	5330	97	B1-U0-G1				
			III-M	4730	86	B1-U0-G1	5106	93	B1-U0-G1	5375	98	B1-U0-G1	5644	103	B1-U0-G2				
			III-W	4377	80	B1-U0-G2	4724	86	B1-U0-G2	4973	90	B1-U0-G2	5222	95	B1-U0-G2				
			IV	4761	87	B1-U0-G1	5140	93	B1-U0-G1	5411	98	B1-U0-G1	5681	103	B2-U0-G2				
			IV-FT	4237	77	B1-U0-G2	4574	83	B1-U0-G2	4815	88	B1-U0-G2	5055	92	B1-U0-G2				
			VSQ-N	4904	89	B2-U0-G1	5294	96	B2-U0-G1	5573	101	B2-U0-G1	5851	106	B2-U0-G1				
			VSQ-M	4954	90	B3-U0-G1	5348	97	B3-U0-G1	5629	102	B3-U0-G1	5910	107	B3-U0-G1				
			VSQ-W	4800	87	B3-U0-G2	5182	94	B3-U0-G2	5455	99	B3-U0-G2	5727	104	B3-U0-G2				
			II-HS	3471	63	B0-U0-G1	3748	68	B0-U0-G1	3945	72	B0-U0-G1	4141	75	B1-U0-G1				
			II-FR-HS	3435	62	B0-U0-G1	3708	67	B0-U0-G1	3903	71	B0-U0-G1	4098	75	B0-U0-G1				
			III-M-HS	3540	64	B0-U0-G1	3822	69	B0-U0-G1	4023	73	B0-U0-G1	4224	77	B0-U0-G2				
			III-W-HS	3461	63	B0-U0-G1	3736	68	B0-U0-G2	3932	71	B0-U0-G2	4129	75	B0-U0-G2				
			IV-HS	3680	67	B0-U0-G1	3973	72	B0-U0-G1	4182	76	B0-U0-G1	4391	80	B0-U0-G1				
			IV-FT-HS	3458	63	B0-U0-G2	3733	68	B0-U0-G2	3930	71	B0-U0-G2	4126	75	B0-U0-G2				

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SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG23-PLED)

SIG23-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	19.8	II	2140	108	B1-U0-G1	2310	117	B1-U0-G1	2432	123	B1-U0-G1	2553	129	B1-U0-G1	16.0	793	50	B0-U0-G0
			II-FR	2067	104	B1-U0-G0	2231	113	B1-U0-G0	2348	119	B1-U0-G0	2466	125	B1-U0-G1		766	48	B0-U0-G0
			III-M	2188	111	B1-U0-G1	2362	119	B1-U0-G1	2487	126	B1-U0-G1	2611	132	B1-U0-G1		811	51	B0-U0-G0
			III-W	2025	102	B1-U0-G1	2186	110	B1-U0-G1	2301	116	B1-U0-G1	2416	122	B1-U0-G1		750	47	B0-U0-G1
			IV	2203	111	B1-U0-G1	2378	120	B1-U0-G1	2503	126	B1-U0-G1	2628	133	B1-U0-G1		816	51	B0-U0-G0
			IV-FT	1960	99	B0-U0-G1	2116	107	B0-U0-G1	2227	112	B1-U0-G1	2339	118	B1-U0-G1		726	45	B0-U0-G1
			VSQ-N	2269	115	B1-U0-G0	2449	124	B1-U0-G0	2578	130	B1-U0-G0	2707	137	B1-U0-G0		841	53	B1-U0-G0
			VSQ-M	2292	116	B2-U0-G0	2474	125	B2-U0-G1	2604	132	B2-U0-G1	2734	138	B2-U0-G1		849	53	B1-U0-G0
			VSQ-W	2221	112	B2-U0-G1	2397	121	B2-U0-G1	2524	127	B2-U0-G1	2649	134	B2-U0-G1		823	51	B1-U0-G1
			II-HS	1606	81	B0-U0-G0	1734	88	B0-U0-G0	1825	92	B0-U0-G1	1916	97	B0-U0-G1		595	37	B0-U0-G0
			II-FR-HS	1589	80	B0-U0-G0	1716	87	B0-U0-G0	1806	91	B0-U0-G0	1896	96	B0-U0-G0		589	37	B0-U0-G0
			III-M-HS	1638	83	B0-U0-G1	1768	89	B0-U0-G1	1861	94	B0-U0-G1	1954	99	B0-U0-G1		607	38	B0-U0-G0
			III-W-HS	1601	81	B0-U0-G1	1728	87	B0-U0-G1	1819	92	B0-U0-G1	1910	96	B0-U0-G1		593	37	B0-U0-G1
			IV-HS	1703	86	B0-U0-G0	1838	93	B0-U0-G1	1935	98	B0-U0-G1	2031	103	B0-U0-G1		631	39	B0-U0-G0
			IV-FT-HS	1600	81	B0-U0-G1	1727	87	B0-U0-G1	1818	92	B0-U0-G1	1908	96	B0-U0-G1		593	37	B0-U0-G1
36	350	39.6	II	3891	98	B1-U0-G1	4200	106	B1-U0-G1	4421	112	B1-U0-G1	4642	117	B1-U0-G1	30.8	1441	47	B1-U0-G1
			II-FR	3757	95	B1-U0-G1	4056	102	B1-U0-G1	4269	108	B1-U0-G1	4483	113	B1-U0-G1		1392	45	B0-U0-G0
			III-M	3979	100	B1-U0-G1	4295	108	B1-U0-G1	4521	114	B1-U0-G1	4747	120	B1-U0-G1		1474	48	B1-U0-G1
			III-W	3681	93	B1-U0-G1	3974	100	B1-U0-G1	4183	106	B1-U0-G1	4392	111	B1-U0-G2		1364	44	B0-U0-G1
			IV	4005	101	B1-U0-G1	4323	109	B1-U0-G1	4551	115	B1-U0-G1	4778	121	B1-U0-G1		1484	48	B1-U0-G1
			IV-FT	3564	90	B1-U0-G1	3847	97	B1-U0-G2	4050	102	B1-U0-G2	4252	107	B1-U0-G2		1320	43	B0-U0-G1
			VSQ-N	4125	104	B2-U0-G1	4453	112	B2-U0-G1	4687	118	B2-U0-G1	4921	124	B2-U0-G1		1528	50	B1-U0-G0
			VSQ-M	4167	105	B3-U0-G1	4498	114	B3-U0-G1	4735	120	B3-U0-G1	4971	126	B3-U0-G1		1544	50	B1-U0-G0
			VSQ-W	4037	102	B3-U0-G1	4358	110	B3-U0-G1	4588	116	B3-U0-G1	4817	122	B3-U0-G2		1496	49	B1-U0-G1
			II-HS	2920	74	B0-U0-G1	3152	80	B0-U0-G1	3318	84	B0-U0-G1	3483	88	B0-U0-G1		1082	35	B0-U0-G0
			II-FR-HS	2889	73	B0-U0-G0	3119	79	B0-U0-G0	3283	83	B0-U0-G0	3446	87	B0-U0-G1		1070	35	B0-U0-G0
			III-M-HS	2978	75	B0-U0-G1	3214	81	B0-U0-G1	3383	85	B0-U0-G1	3552	90	B0-U0-G1		1103	36	B0-U0-G0
			III-W-HS	2910	73	B0-U0-G1	3142	79	B0-U0-G1	3307	84	B0-U0-G1	3472	88	B0-U0-G1		1078	35	B0-U0-G1
			IV-HS	3096	78	B0-U0-G1	3342	84	B0-U0-G1	3518	89	B0-U0-G1	3693	93	B0-U0-G1		1147	37	B0-U0-G0
			IV-FT-HS	2908	73	B0-U0-G1	3139	79	B0-U0-G1	3305	83	B0-U0-G1	3470	88	B0-U0-G2		1077	35	B0-U0-G1
36	525	59.4	II	5525	93	B2-U0-G1	5964	100	B2-U0-G1	6278	106	B2-U0-G2	6592	111	B2-U0-G2	46.5	1670	36	B1-U0-G1
			II-FR	5335	90	B1-U0-G1	5759	97	B1-U0-G1	6063	102	B1-U0-G1	6366	107	B1-U0-G1		1613	35	B0-U0-G0
			III-M	5649	95	B1-U0-G2	6098	103	B2-U0-G2	6419	108	B2-U0-G2	6740	113	B2-U0-G2		1708	37	B1-U0-G1
			III-W	5227	88	B1-U0-G2	5642	95	B1-U0-G2	5940	100	B1-U0-G2	6236	105	B1-U0-G2		1580	34	B0-U0-G1
			IV	5687	96	B2-U0-G2	6139	103	B2-U0-G2	6462	109	B2-U0-G2	6785	114	B2-U0-G2		1719	37	B1-U0-G1
			IV-FT	5060	85	B1-U0-G2	5462	92	B1-U0-G2	5750	97	B1-U0-G2	6038	102	B1-U0-G2		1530	33	B0-U0-G1
			VSQ-N	5857	99	B2-U0-G1	6323	106	B2-U0-G1	6655	112	B2-U0-G1	6988	118	B2-U0-G1		1770	38	B1-U0-G0
			VSQ-M	5916	100	B3-U0-G1	6387	108	B3-U0-G1	6723	113	B3-U0-G1	7059	119	B3-U0-G1		1788	38	B1-U0-G0
			VSQ-W	5733	97	B3-U0-G2	6189	104	B3-U0-G2	6515	110	B3-U0-G2	6841	115	B3-U0-G2		1733	37	B2-U0-G1
			II-HS	4146	70	B1-U0-G1	4476	75	B1-U0-G1	4711	79	B1-U0-G1	4946	83	B1-U0-G2		1253	27	B0-U0-G0
			II-FR-HS	4102	69	B0-U0-G1	4428	75	B0-U0-G1	4661	78	B1-U0-G1	4894	82	B1-U0-G1		1240	27	B0-U0-G0
			III-M-HS	4228	71	B0-U0-G2	4564	77	B0-U0-G2	4804	81	B0-U0-G2	5044	85	B0-U0-G2		1278	27	B0-U0-G0
			III-W-HS	4133	70	B0-U0-G2	4462	75	B0-U0-G2	4696	79	B0-U0-G2	4931	83	B0-U0-G2		1249	27	B0-U0-G1
			IV-HS	4396	74	B0-U0-G1	4745	80	B0-U0-G2	4995	84	B0-U0-G2	5244	88	B0-U0-G2		1329	29	B0-U0-G0
			IV-FT-HS	4130	70	B0-U0-G2	4458	75	B0-U0-G2	4693	79	B0-U0-G2	4927	83	B0-U0-G2		1248	27	B0-U0-G1
36	700	79.2	II	6925	87	B2-U0-G2	7476	94	B2-U0-G2	7870	99	B2-U0-G2	8263	104	B2-U0-G2	N/A	N/A		
			II-FR	6687	84	B1-U0-G1	7219	91	B1-U0-G1	7599	96	B1-U0-G1	7979	101	B2-U0-G1				
			III-M	7082	89	B2-U0-G2	7645	97	B2-U0-G2	8047	102	B2-U0-G2	8449	107	B2-U0-G2				
			III-W	6552	83	B1-U0-G2	7073	89	B1-U0-G2	7445	94	B1-U0-G2	7818	99	B1-U0-G2				
			IV	7128	90	B2-U0-G2	7695	97	B2-U0-G2	8100	102	B2-U0-G2	8505	107	B2-U0-G2				
			IV-FT	6343	80	B1-U0-G2	6847	86	B1-U0-G2	7208	91	B1-U0-G2	7568	96	B1-U0-G2				
			VSQ-N	7342	93	B2-U0-G1	7925	100	B3-U0-G1	8343	105	B3-U0-G1	8760	111	B3-U0-G1				
			VSQ-M	7416	94	B3-U0-G1	8006	101	B3-U0-G2	8427	106	B3-U0-G2	8849	112	B3-U0-G2				
			VSQ-W	7187	91	B3-U0-G2	7758	98	B3-U0-G2	8167	103	B3-U0-G2	8575	108	B4-U0-G2				
			II-HS	5197	66	B1-U0-G2	5610	71	B1-U0-G2	5905	75	B1-U0-G2	6200	78	B1-U0-G2				
			II-FR-HS	5142	65	B1-U0-G1	5551	70	B1-U0-G1	5843	74	B1-U0-G1	6135	77	B1-U0-G1				
			III-M-HS	5300	67	B0-U0-G2	5721	72	B0-U0-G2	6022	76	B0-U0-G2	6323	80	B0-U0-G2				
			III-W-HS	5181	65	B0-U0-G2	5593	71	B0-U0-G2	5887	74	B0-U0-G2	6181	78	B0-U0-G2				
			IV-HS	5510	70	B0-U0-G2	5948	75	B0-U0-G2	6261	79	B1-U0-G2	6574	83	B1-U0-G2				
			IV-FT-HS	5177	65	B0-U0-G2	5588	71	B1-U0-G2	5883	74	B1-U0-G2	6177	78	B1-U0-G2				
36	875	99.0	II	8326	84	B2-U0-G2	8988	91	B2-U0-G2	9462	96	B2-U0-G2	9934	100	B2-U0-G2	N/A	N/A		
			II-FR	8040	81	B2-U0-G1	8680	88	B2-U0-G1	9137	92	B2-U0-G1	9593	97	B2-U0-G1				
			III-M	8514	86	B2-U0-G2	9191	93	B2-U0-G2	9675	98	B2-U0-G2	10158	103	B2-U0-G2				
			III-W	7877	80	B2-U0-G2	8504	86	B2-U0-G2	8951	90	B2-U0-G2	9399	95	B2-U0-G2				
			IV	8570	87	B2-U0-G2	9251	93	B2-U0-G2	9739	98	B2-U0-G2	10225	103	B2-U0-G2				
			IV-FT	7626	77	B1-U0-G2	8232	83	B1-U0-G3	8666	88	B1-U0-G3	9099	92	B1-U0-G3				
			VSQ-N	8826	89	B3-U0-G1	9528	96	B3-U0-G1	10030	101	B3-U0-G1	10532	106	B3-U0-G1				
			VSQ-M	8916	90	B3-U0-G2	9625	97	B3-U0-G2	10132	102	B3-U0-G2	10638	107	B4-U0-G2				
			VSQ-W	8640	87	B4-U0-G2	9327	94	B4-U0-G2	9818	99	B4-U0-G2	10309	104	B4-U0-G2				
			II-HS	6248	63	B1-U0-G2	6745	68	B1-U0-G2	7100	72	B1-U0-G2	7455	75	B1-U0-G2				
			II-FR-HS	6182	62	B1-U0-G1	6673	67	B1-U0-G1	7025	71	B1-U0-G1	7376	75	B1-U0-G1				
			III-M-HS	6372	64	B1-U0-G2	6878	69	B1-U0-G2	7240	73	B1-U0-G2	7602	77	B1-U0-G2				
			III-W-HS	6229	63	B0-U0-G2	6724	68	B1-U0-G2	7078	71	B1-U0-G2	7432	75	B1-U0-G2				
			IV-HS	6625	67	B1-U0-G2	7151	72	B1-U0-G2	7528	76	B1-U0-G2	7904	80	B1-U0-G2				
			IV-FT-HS	6224	63	B1-U0-G2	6719	68	B1-U0-G2	7073	71	B1-U0-G2	7426	75	B1-U0-G2				

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG23-PLED)

SIG23-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
48	175	26.4	II	2853	108	B1-U0-G1	3080	117	B1-U0-G1	3242	123	B1-U0-G1	3404	129	B1-U0-G1	21.0	1057	50	B0-U0-G0
			II-FR	2755	104	B1-U0-G1	2974	113	B1-U0-G1	3131	119	B1-U0-G1	3287	125	B1-U0-G1		1021	49	B0-U0-G0
			III-M	2918	111	B1-U0-G1	3150	119	B1-U0-G1	3315	126	B1-U0-G1	3481	132	B1-U0-G1		1081	51	B0-U0-G0
			III-W	2700	102	B1-U0-G1	2914	110	B1-U0-G1	3068	116	B1-U0-G1	3221	122	B1-U0-G1		1000	48	B0-U0-G1
			IV	2937	111	B1-U0-G1	3170	120	B1-U0-G1	3337	126	B1-U0-G1	3504	133	B1-U0-G1		1088	52	B0-U0-G0
			IV-FT	2613	99	B1-U0-G1	2821	107	B1-U0-G1	2970	112	B1-U0-G1	3118	118	B1-U0-G1		968	46	B0-U0-G1
			VSQ-N	3025	115	B2-U0-G0	3266	124	B2-U0-G0	3437	130	B2-U0-G0	3609	137	B2-U0-G0		1121	53	B1-U0-G0
			VSQ-M	3056	116	B2-U0-G1	3298	125	B2-U0-G1	3472	132	B2-U0-G1	3646	138	B2-U0-G1		1132	54	B1-U0-G0
			VSQ-W	2961	112	B2-U0-G1	3196	121	B2-U0-G1	3365	127	B3-U0-G1	3533	134	B3-U0-G1		1097	52	B1-U0-G1
			II-HS	2142	81	B0-U0-G1	2312	88	B0-U0-G1	2433	92	B0-U0-G1	2554	97	B0-U0-G1		793	38	B0-U0-G0
			II-FR-HS	2119	80	B0-U0-G0	2287	87	B0-U0-G0	2407	91	B0-U0-G0	2527	96	B0-U0-G0		785	37	B0-U0-G0
			III-M-HS	2184	83	B0-U0-G1	2357	89	B0-U0-G1	2481	94	B0-U0-G1	2605	99	B0-U0-G1		809	39	B0-U0-G0
			III-W-HS	2135	81	B0-U0-G1	2304	87	B0-U0-G1	2426	92	B0-U0-G1	2547	96	B0-U0-G1		791	38	B0-U0-G1
			IV-HS	2270	86	B0-U0-G1	2451	93	B0-U0-G1	2580	98	B0-U0-G1	2708	103	B0-U0-G1		841	40	B0-U0-G0
			IV-FT-HS	2133	81	B0-U0-G1	2302	87	B0-U0-G1	2424	92	B0-U0-G1	2545	96	B0-U0-G1		790	38	B0-U0-G1
48	350	52.8	II	5188	98	B1-U0-G1	5600	106	B2-U0-G1	5895	112	B2-U0-G1	6190	117	B2-U0-G1	41.0	1922	47	B1-U0-G1
			II-FR	5009	95	B1-U0-G1	5408	102	B1-U0-G1	5693	108	B1-U0-G1	5977	113	B1-U0-G1		1856	45	B1-U0-G0
			III-M	5304	100	B1-U0-G1	5726	108	B2-U0-G2	6028	114	B2-U0-G2	6329	120	B2-U0-G2		1965	48	B1-U0-G1
			III-W	4908	93	B1-U0-G2	5298	100	B1-U0-G2	5577	106	B1-U0-G2	5856	111	B1-U0-G2		1818	44	B1-U0-G1
			IV	5340	101	B1-U0-G1	5764	109	B2-U0-G2	6068	115	B2-U0-G2	6371	121	B2-U0-G2		1978	48	B1-U0-G1
			IV-FT	4752	90	B1-U0-G2	5129	97	B1-U0-G2	5399	102	B1-U0-G2	5669	107	B1-U0-G2		1760	43	B0-U0-G1
			VSQ-N	5500	104	B2-U0-G1	5937	112	B2-U0-G1	6249	118	B2-U0-G1	6562	124	B2-U0-G1		2037	50	B1-U0-G0
			VSQ-M	5555	105	B3-U0-G1	5997	114	B3-U0-G1	6313	120	B3-U0-G1	6628	126	B3-U0-G1		2058	50	B1-U0-G0
			VSQ-W	5383	102	B3-U0-G2	5811	110	B3-U0-G2	6117	116	B3-U0-G2	6423	122	B3-U0-G2		1994	49	B2-U0-G1
			II-HS	3893	74	B0-U0-G1	4202	80	B1-U0-G1	4424	84	B1-U0-G1	4644	88	B1-U0-G1		1442	35	B0-U0-G0
			II-FR-HS	3852	73	B0-U0-G1	4158	79	B0-U0-G1	4377	83	B0-U0-G1	4596	87	B0-U0-G1		1427	35	B0-U0-G0
			III-M-HS	3970	75	B0-U0-G1	4286	81	B0-U0-G2	4511	85	B0-U0-G2	4736	90	B0-U0-G2		1471	36	B0-U0-G0
			III-W-HS	3881	74	B0-U0-G2	4189	79	B0-U0-G2	4410	84	B0-U0-G2	4630	88	B0-U0-G2		1438	35	B0-U0-G1
			IV-HS	4127	78	B0-U0-G1	4456	84	B0-U0-G1	4690	89	B0-U0-G2	4924	93	B0-U0-G2		1529	37	B0-U0-G0
			IV-FT-HS	3878	73	B0-U0-G2	4186	79	B0-U0-G2	4407	83	B0-U0-G2	4627	88	B0-U0-G2		1437	35	B0-U0-G1
48	525	79.2	II	7366	93	B2-U0-G2	7952	100	B2-U0-G2	8371	106	B2-U0-G2	8789	111	B2-U0-G2	62.0	2227	36	B1-U0-G1
			II-FR	7113	90	B1-U0-G1	7679	97	B1-U0-G1	8083	102	B2-U0-G1	8487	107	B2-U0-G1		2150	35	B1-U0-G0
			III-M	7532	95	B2-U0-G2	8131	103	B2-U0-G2	8559	108	B2-U0-G2	8987	113	B2-U0-G2		2277	37	B1-U0-G1
			III-W	6969	88	B1-U0-G2	7524	95	B1-U0-G2	7920	100	B2-U0-G2	8315	105	B2-U0-G2		2107	34	B1-U0-G1
			IV	7582	96	B2-U0-G2	8185	103	B2-U0-G2	8616	109	B2-U0-G2	9047	114	B2-U0-G2		2292	37	B1-U0-G1
			IV-FT	6747	85	B1-U0-G2	7283	92	B1-U0-G2	7667	97	B1-U0-G2	8050	102	B1-U0-G2		2039	33	B0-U0-G1
			VSQ-N	7809	99	B3-U0-G1	8430	106	B3-U0-G1	8874	112	B3-U0-G1	9317	118	B3-U0-G1		2360	38	B1-U0-G0
			VSQ-M	7888	100	B3-U0-G2	8515	108	B3-U0-G2	8964	113	B3-U0-G2	9412	119	B3-U0-G2		2384	38	B2-U0-G1
			VSQ-W	7644	97	B3-U0-G2	8252	104	B3-U0-G2	8687	110	B4-U0-G2	9121	115	B4-U0-G2		2311	37	B2-U0-G1
			II-HS	5528	70	B1-U0-G2	5967	75	B1-U0-G2	6281	79	B1-U0-G2	6595	83	B1-U0-G2		1671	27	B0-U0-G0
			II-FR-HS	5470	69	B1-U0-G1	5904	75	B1-U0-G1	6215	78	B1-U0-G1	6526	82	B1-U0-G1		1653	27	B0-U0-G0
			III-M-HS	5637	71	B0-U0-G2	6085	77	B0-U0-G2	6406	81	B1-U0-G2	6726	85	B1-U0-G2		1704	27	B0-U0-G1
			III-W-HS	5511	70	B0-U0-G2	5949	75	B0-U0-G2	6262	79	B0-U0-G2	6575	83	B1-U0-G2		1666	27	B0-U0-G1
			IV-HS	5861	74	B0-U0-G2	6327	80	B1-U0-G2	6660	84	B1-U0-G2	6993	88	B1-U0-G2		1772	29	B0-U0-G1
			IV-FT-HS	5506	70	B0-U0-G2	5944	75	B1-U0-G2	6257	79	B1-U0-G2	6570	83	B1-U0-G2		1664	27	B0-U0-G1
48	700	105.6	II	9234	87	B2-U0-G2	9968	94	B2-U0-G2	10493	99	B2-U0-G2	11018	104	B2-U0-G2	N/A	N/A		
			II-FR	8917	84	B2-U0-G1	9626	91	B2-U0-G1	10133	96	B2-U0-G1	10639	101	B2-U0-G1				
			III-M	9442	89	B2-U0-G2	10193	97	B2-U0-G2	10729	102	B2-U0-G2	11266	107	B2-U0-G2				
			III-W	8736	83	B2-U0-G2	9431	89	B2-U0-G2	9927	94	B2-U0-G3	10424	99	B2-U0-G3				
			IV	9504	90	B2-U0-G2	10260	97	B2-U0-G2	10801	102	B2-U0-G2	11340	107	B2-U0-G2				
			IV-FT	8457	80	B1-U0-G3	9130	86	B1-U0-G3	9611	91	B1-U0-G3	10091	96	B1-U0-G3				
			VSQ-N	9789	93	B3-U0-G1	10568	100	B3-U0-G1	11124	105	B3-U0-G1	11680	111	B3-U0-G1				
			VSQ-M	9888	94	B3-U0-G2	10675	101	B4-U0-G2	11237	106	B4-U0-G2	11798	112	B4-U0-G2				
			VSQ-W	9582	91	B4-U0-G2	10344	98	B4-U0-G2	10889	103	B4-U0-G3	11433	108	B4-U0-G3				
			II-HS	6929	66	B1-U0-G2	7480	71	B1-U0-G2	7874	75	B1-U0-G2	8267	78	B1-U0-G2				
			II-FR-HS	6856	65	B1-U0-G1	7401	70	B1-U0-G1	7791	74	B1-U0-G1	8180	77	B1-U0-G1				
			III-M-HS	7066	67	B1-U0-G2	7628	72	B1-U0-G2	8030	76	B1-U0-G2	8431	80	B1-U0-G2				
			III-W-HS	6908	65	B1-U0-G2	7457	71	B1-U0-G2	7850	74	B1-U0-G2	8242	78	B1-U0-G2				
			IV-HS	7347	70	B1-U0-G2	7931	75	B1-U0-G2	8348	79	B1-U0-G2	8766	83	B1-U0-G2				
			IV-FT-HS	6902	65	B1-U0-G2	7451	71	B1-U0-G2	7844	74	B1-U0-G2	8236	78	B1-U0-G2				
48	875	132.0	II	11101	84	B2-U0-G2	11984	91	B2-U0-G2	12615	96	B2-U0-G2	13246	100	B2-U0-G2	N/A	N/A		
			II-FR	10720	81	B2-U0-G1	11573	88	B2-U0-G1	12182	92	B2-U0-G1	12791	97	B2-U0-G1				
			III-M	11351	86	B2-U0-G2	12254	93	B2-U0-G2	12899	98	B2-U0-G2	13544	103	B2-U0-G2				
			III-W	10503	80	B2-U0-G3	11338	86	B2-U0-G3	11935	90	B2-U0-G3	12532	95	B2-U0-G3				
			IV	11427	87	B2-U0-G2	12335	93	B2-U0-G2	12985	98	B2-U0-G2	13634	103	B2-U0-G2				
			IV-FT	10168	77	B2-U0-G3	10977	83	B2-U0-G3	11555	88	B2-U0-G3	12132	92	B2-U0-G3				
			VSQ-N	11769	89	B3-U0-G1	12705	96	B3-U0-G1	13374	101	B3-U0-G1	14042	106	B3-U0-G1				
			VSQ-M	11888	90	B4-U0-G2	12834	97	B4-U0-G2	13509	102	B4-U0-G2	14184	107	B4-U0-G2				
			VSQ-W	11520	87	B4-U0-G3	12436	94	B4-U0-G3	13091	99	B4-U0-G3	13746	104	B4-U0-G3				
			II-HS	8331	63	B1-U0-G2	8993	68	B1-U0-G2	9467	72	B1-U0-G2	9940	75	B1-U0-G2				
			II-FR-HS	8243	62	B1-U0-G1	8898	67	B1-U0-G1	9367	71	B1-U0-G1	9835	75	B1-U0-G1				
			III-M-HS	8496	64	B1-U0-G2	9171	69	B1-U0-G2	9654	73	B1-U0-G2	10137	77	B1-U0-G2				
			III-W-HS	8305	63	B1-U0-G2	8965	68	B1-U0-G2	9437	71	B1-U0-G2	9909	75	B1-U0-G2				
			IV-HS	8833	67	B1-U0-G2	9535	72	B1-U0-G2	10037	76	B1-U0-G2	10539	80	B1-U0-G2				
			IV-FT-HS	8299	63	B1-U0-G2	8959	68	B1-U0-G3	9430	71	B1-U0-G3	9902	75	B1-U0-G3				

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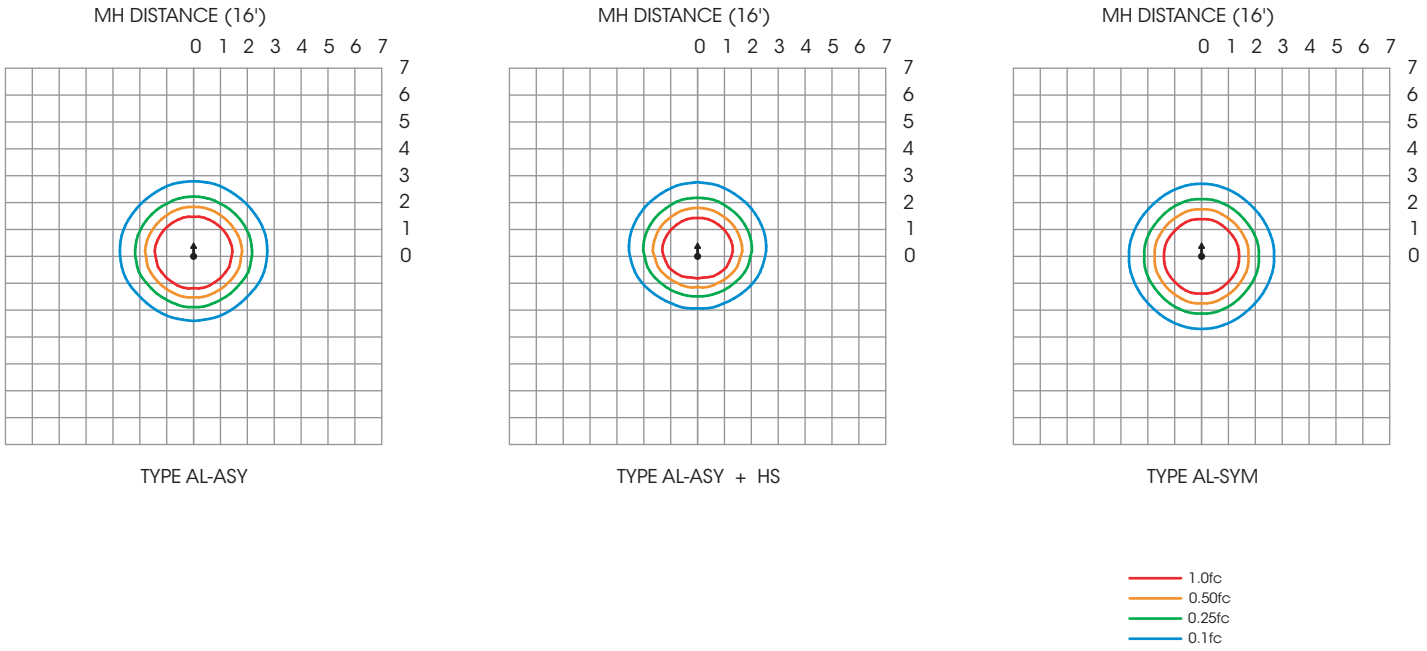
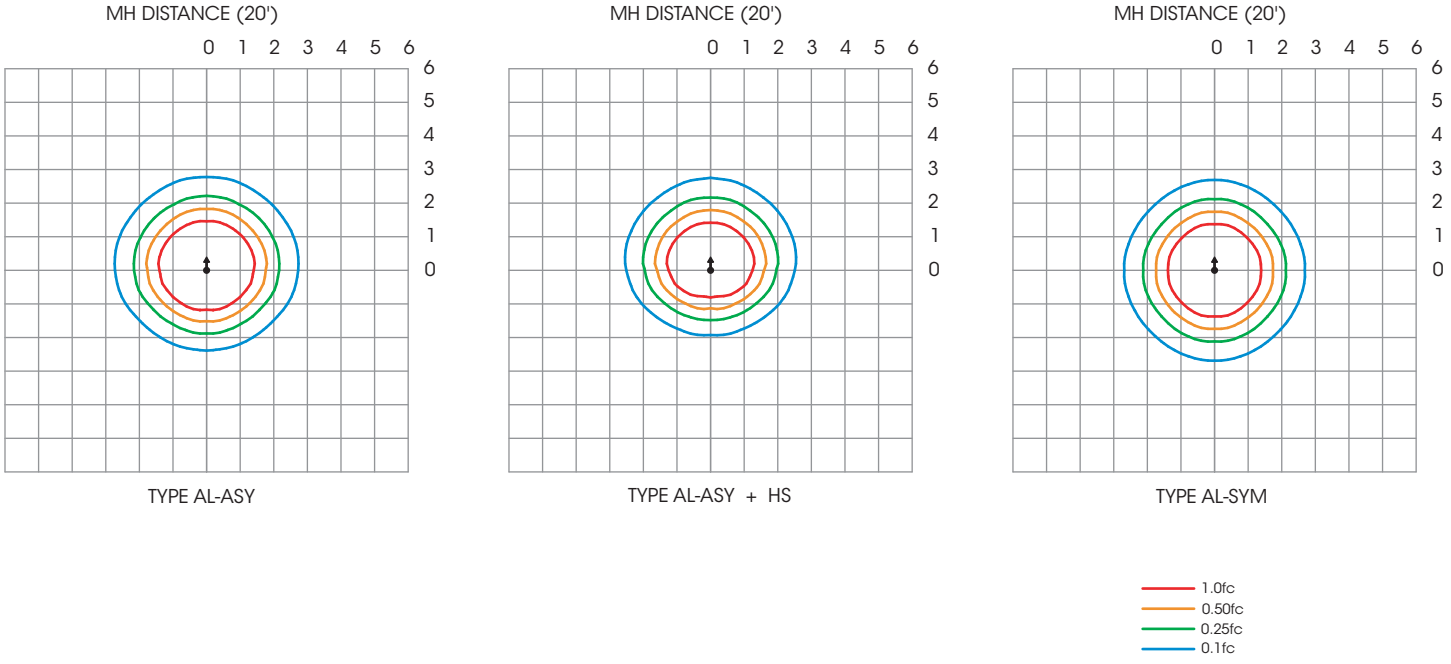
SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE TEMPLATES

SIG18-PLED-AL-36LED-700mA-40K - 16' Height (14' Pole)



SIG23-PLED-AL-48LED-875mA-40K - 20' Height (18' Pole)



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SIG SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG18-PLED-AL)

SIG18-PLED-AL																			
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	19.8	ASY	1492	75	B1-U0-G1	1610	81	B1-U0-G1	1695	86	B1-U0-G1	1780	90	B1-U0-G1	16.0	610	38	B0-U0-G0
			SYM	1489	75	B1-U0-G0	1608	81	B1-U0-G0	1692	85	B1-U0-G0	1777	90	B1-U0-G1		609	38	B0-U0-G0
			ASY-HS	1077	54	B0-U0-G0	1162	59	B1-U0-G0	1224	62	B1-U0-G0	1285	65	B1-U0-G0		440	28	B0-U0-G0
36	350	39.6	ASY	2712	68	B1-U0-G1	2928	74	B1-U0-G1	3082	78	B1-U0-G1	3236	82	B1-U0-G1	30.8	1005	33	B1-U0-G0
			SYM	2708	68	B1-U0-G1	2923	74	B1-U0-G1	3077	78	B1-U0-G1	3231	82	B1-U0-G1		1003	33	B1-U0-G0
			ASY-HS	1958	49	B1-U0-G1	2114	53	B1-U0-G1	2225	56	B1-U0-G1	2336	59	B1-U0-G1		725	24	B0-U0-G0
36	525	59.4	ASY	3906	66	B1-U0-G1	4216	71	B2-U0-G1	4438	75	B2-U0-G1	4660	78	B2-U0-G1	46.5	1181	25	B1-U0-G0
			SYM	3899	66	B2-U0-G1	4209	71	B2-U0-G1	4431	75	B2-U0-G1	4652	78	B2-U0-G1		1179	25	B1-U0-G0
			ASY-HS	2819	47	B1-U0-G1	3043	51	B1-U0-G1	3203	54	B1-U0-G1	3364	57	B1-U0-G1		852	18	B0-U0-G0
36	700	79.2	ASY	4953	63	B2-U0-G1	5346	68	B2-U0-G1	5628	71	B2-U0-G1	5909	75	B2-U0-G1	N/A	N/A		
			SYM	4944	62	B2-U0-G1	5337	67	B2-U0-G1	5618	71	B2-U0-G1	5899	74	B2-U0-G1				
			ASY-HS	3575	45	B1-U0-G1	3859	49	B1-U0-G1	4063	51	B1-U0-G1	4265	54	B1-U0-G1				
36	875	99.0	ASY	5671	57	B2-U0-G1	6122	62	B2-U0-G2	6445	65	B2-U0-G2	6767	68	B2-U0-G2	N/A	N/A		
			SYM	5662	57	B2-U0-G1	6112	62	B2-U0-G1	6434	65	B2-U0-G1	6755	68	B2-U0-G1				
			ASY-HS	4094	41	B1-U0-G1	4419	45	B1-U0-G1	4652	47	B1-U0-G1	4884	49	B1-U0-G1				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (SIG23-PLED-AL)

SIG23-PLED-AL																			
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
48	175	27.0	ASY	1989	74	B1-U0-G1	2147	80	B1-U0-G1	2260	84	B1-U0-G1	2373	88	B1-U0-G1	21.0	814	39	B0-U0-G0
			SYM	1986	74	B1-U0-G1	2144	79	B1-U0-G1	2257	84	B1-U0-G1	2369	88	B1-U0-G1		812	39	B1-U0-G0
			ASY-HS	1436	53	B1-U0-G1	1550	57	B1-U0-G1	1631	60	B1-U0-G1	1713	63	B1-U0-G1		587	28	B0-U0-G0
48	350	52.5	ASY	3616	69	B1-U0-G1	3904	74	B1-U0-G1	4109	78	B2-U0-G1	4315	82	B2-U0-G1	41.0	1340	33	B1-U0-G1
			SYM	3610	69	B2-U0-G1	3897	74	B2-U0-G1	4103	78	B2-U0-G1	4308	82	B2-U0-G1		1337	33	B1-U0-G0
			ASY-HS	2610	50	B1-U0-G1	2818	54	B1-U0-G1	2966	56	B1-U0-G1	3114	59	B1-U0-G1		967	24	B0-U0-G0
48	525	79.0	ASY	5208	66	B2-U0-G1	5622	71	B2-U0-G1	5918	75	B2-U0-G2	6213	79	B2-U0-G2	62.0	1574	25	B1-U0-G1
			SYM	5199	66	B2-U0-G1	5612	71	B2-U0-G1	5907	75	B2-U0-G1	6203	79	B2-U0-G1		1571	25	B1-U0-G0
			ASY-HS	3759	48	B1-U0-G1	4058	51	B1-U0-G1	4271	54	B1-U0-G1	4485	57	B1-U0-G1		1136	18	B0-U0-G0
48	700	105.1	ASY	6603	63	B2-U0-G2	7128	68	B2-U0-G2	7504	71	B2-U0-G2	7879	75	B2-U0-G2	N/A	N/A		
			SYM	6592	63	B2-U0-G1	7116	68	B2-U0-G1	7491	71	B2-U0-G1	7866	75	B2-U0-G1				
			ASY-HS	4767	45	B1-U0-G1	5146	49	B1-U0-G1	5417	52	B2-U0-G1	5687	54	B2-U0-G1				
48	875	131.8	ASY	7562	57	B2-U0-G2	8163	62	B2-U0-G2	8593	65	B2-U0-G2	9023	68	B2-U0-G2	N/A	N/A		
			SYM	7549	57	B2-U0-G1	8149	62	B2-U0-G1	8578	65	B3-U0-G1	9007	68	B3-U0-G1				
			ASY-HS	5458	41	B2-U0-G1	5892	45	B2-U0-G1	6203	47	B2-U0-G1	6512	49	B2-U0-G1				

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