



Small Neoclassical, Domed Bell Luminaire

Features

The NEW Deziner Series is a flexible, configurable pedestrian scale decorative pendant luminaire with an 6.7" diameter upper housing of 0.125" thick formed aluminum with a large assortment of spun aluminum shades and ornamental options. Each lower housing is comprised of a 0.080" thick spun aluminum reflector with an integrated LED module seat, thermal management for long LED life and a thermally isolated solid state power supply chamber. Trulevel™ ball coupling.

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 and functions as a house side shielding element. 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. All optics are U0, Zero Uplight and are Dark Sky compliant. Panels are field replaceable and field rotatable in 90° increments.

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 Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L93 at 100,000 hours (TM-21 calculated at 6x Test Time) for all LED options.

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 and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V (UNV), 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 accessible 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.



DS6A
Angled



DS6C
Concave/Flared



DS6D
Deep Bell



DS6S
Skirted



DS6T
Tiered

The smallest models within the Deziner Series, offer 5 customizable styles available with optional Ambience™ Low Luminance Lens and unlit Bands.











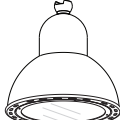



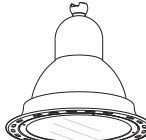
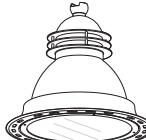






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DEZİNER SERIES 6 - PLED SMALL

PRODUCT CONFIGURATIONS










EPA & WEIGHT








Base Model	w/ unlit Bands	w/ Ambience™ Low Luminance Lens	w/ unlit Bands & Ambience™ Low Luminance Lens
 <p>DS6A Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6A-AL Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB-AL Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>
 <p>DS6C Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>	 <p>DS6C-AL Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB-AL Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>
 <p>DS6D Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6D-AL Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>
 <p>DS6S Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>	 <p>DS6S-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB-AL Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>
 <p>DS6T Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6T-AL Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB-AL Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>

DEZİNER SERIES 6 - PLED SMALL

ORDERING INFORMATION

Spec/Order Example: DS6CB/AL-ASY/36LED-700mA/30K/UNV/CM+L/RAL-8019-T/DF

Luminaire	Shade	Optics	# of LEDs	Drive Current	Color Temp - CCT	Voltage
Luminaire	Shade	Optics	LED			Voltage
<input type="checkbox"/> DS6	<input type="checkbox"/> Angled A <input type="checkbox"/> Angled w/ unlit Bands AB <input type="checkbox"/> Concave/Flared C <input type="checkbox"/> Concave/Flared w/ unlit Bands CB <input type="checkbox"/> Deep Bell D <input type="checkbox"/> Deep Bell w/ unlit Bands DB <input type="checkbox"/> Hooded H <input type="checkbox"/> Hooded w/ unlit Bands HB <input type="checkbox"/> Skirted S <input type="checkbox"/> Skirted w/ unlit Bands SB <input type="checkbox"/> Tiered T <input type="checkbox"/> Tiered w/ unlit Bands TB	<p>PLED™ Distribution Type</p> <input type="checkbox"/> PLED-II  <input type="checkbox"/> PLED-II-FR  <input type="checkbox"/> PLED-III  <input type="checkbox"/> PLED-III-W  <input type="checkbox"/> PLED-IV  <input type="checkbox"/> PLED-IV-FT  <input type="checkbox"/> PLED-V-SQ-N  <input type="checkbox"/> PLED-V-SQ-M  <input type="checkbox"/> PLED-V-SQ-W  Ambience™ Lens Option: <input type="checkbox"/> AL-ASY <input type="checkbox"/> AL-ASY-HS <input type="checkbox"/> AL-SYM	<input type="checkbox"/> 36LED <input type="checkbox"/> 875mA¹ <input type="checkbox"/> 27K (2700K) <input type="checkbox"/> 20LED <input type="checkbox"/> 700mA <input type="checkbox"/> 30K (3000K) <input type="checkbox"/> 525mA <input type="checkbox"/> 40K (4000K) <input type="checkbox"/> 350mA <input type="checkbox"/> 50K (5000K) <input type="checkbox"/> TRA² True Amber	<input type="checkbox"/> UNV (120-277) <input type="checkbox"/> 347 <input type="checkbox"/> 480		
<p>NOTES: 1 - 875mA not available with 36LED, available with 20LED only 2 - TRA available in 350mA & 525mA Drive Currents only Consult factory for other CCT, CRI, & Drive Current options</p>						

Mounting	Finish	Options
Mounting	Finish	Options
<p>Arm Mount</p> <input type="checkbox"/> 1  <input type="checkbox"/> 2-180  <input type="checkbox"/> 2-90  <input type="checkbox"/> 3-90  <input type="checkbox"/> 3-120  <input type="checkbox"/> 4-90  <p>Wall Mount</p> <input type="checkbox"/> WM  WM - Wall Mount provided with mounting bracket and cover.	<p>Standard Textured Finish</p> <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T <p>Premium Finishes</p> <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix 'T' with suffix 'S' (Example: RAL-9500-S) Consult factor for custom colors	<input type="checkbox"/> Internal House Side Shield incl. LED Count (Example: HS-PLED/48) HS-PLED <input type="checkbox"/> Twist Lock Receptable Only TPR <input type="checkbox"/> 7-Pin Twist Lock Receptable Only TPR7 <input type="checkbox"/> High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW <input type="checkbox"/> Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V <input type="checkbox"/> Photocell + Voltage (Example: PC120V) PC+V <input type="checkbox"/> Single Fuse (Example: DF277V) SF+V <input type="checkbox"/> Double Fuse (Example: DF240V) DF+V <input type="checkbox"/> Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311
<p>Pendant Mount</p> <input type="checkbox"/> Stem Mount + Length(in) (48" Max) SM+L <input type="checkbox"/> Chain Mount + Length(in) (48" Max) CM+L <input type="checkbox"/> Cable Clamp J-Box CCB <input type="checkbox"/> Cross Cable Clamp J-Box CCC		

DEZİNER SERIES 6 - PLED SMALL

SAMPLE ASSEMBLIES



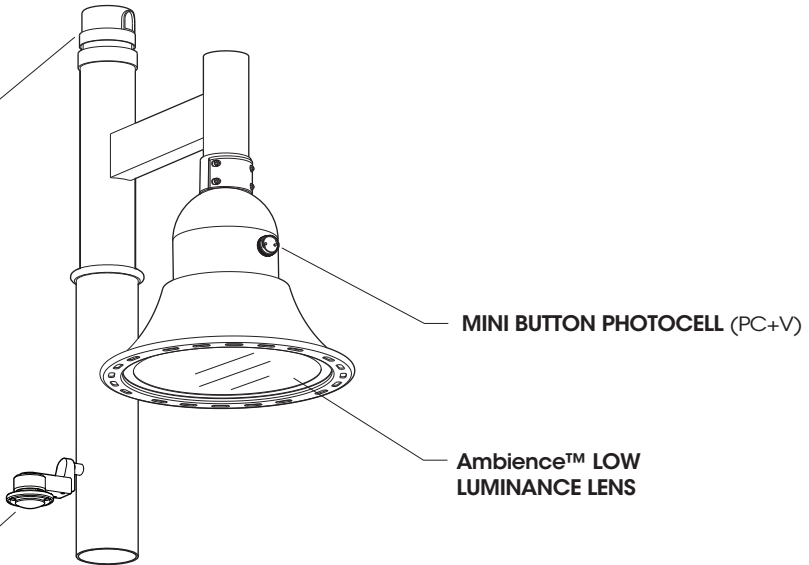
- A. 24-1040-9'/XALM-1/DS6DB-AL/LED/ACCESSORIES/FINISH
- B. 17-1030C-13'-4" /XPDM-2-180/DS6S/LED/ACCESSORIES/FINISH
- C. 1M-106O-9'/XPCM-1/DS6C-AL/LED/ACCESSORIES/FINISH
- D. 25-1035T-11'/XASM-2-180/DS6TB/LED/ACCESSORIES/FINISH
- E. WM-XPKM/DS6A-AL/LED/ACCESSORIES/FINISH

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

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OPTIONS

Optional: **PHOTOCELL SENSOR (TPC+V)**,
3-PIN RECEPTACLE (TPR) or
7-PIN RECEPTACLE (TPR7)
TPR = TWIST LOCK PHOTOCELL RECEPTACLE



**POLE MOUNTED
MFS-311 BLUETOOTH
PHOTO/MOTION SENSOR**

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

Sensors can be Field
Programmed With
Bluetooth App

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 Secondary 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.

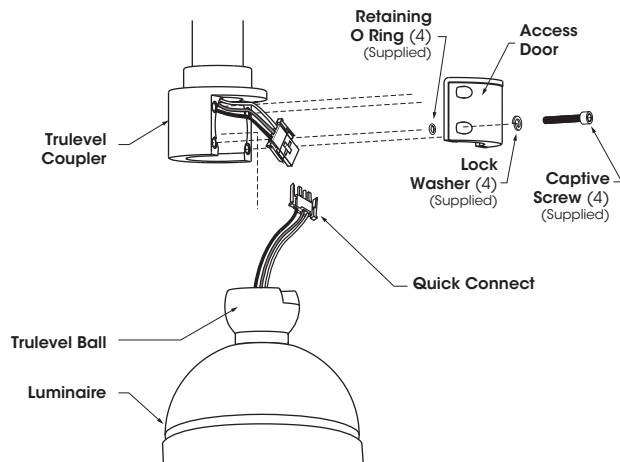
Wireless and Other Fixture Controls

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

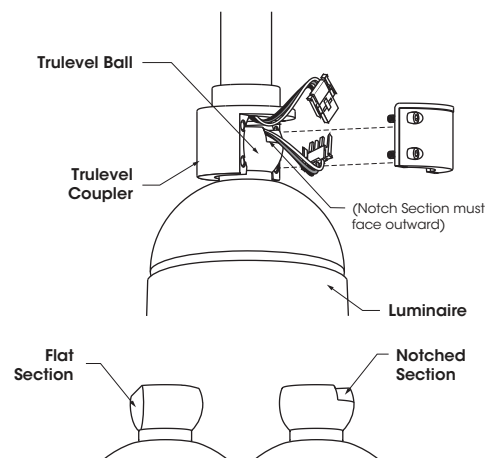
DEZİNER SERIES 6 - PLED SMALL

INSTALLATION DETAIL

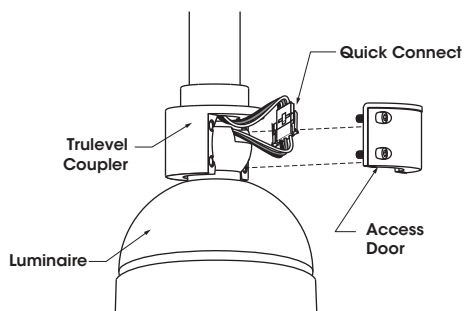
Trulevel System® Assembly



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

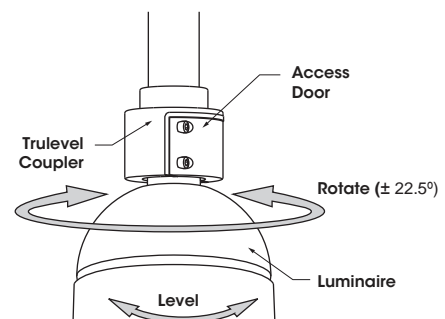


2. Place Trulevel Ball inside of Trulevel Coupler as illustrated.
 - A - Notched Section of Trulevel Ball must face outward as illustrated.
 - B - Flat Section of Trulevel Ball must face inward.



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.



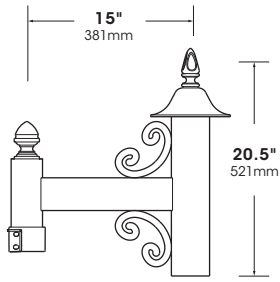
4. Rotate (left to right $\pm 22.5^\circ$) and level Luminaire to desired position. Tighten Access Door.

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

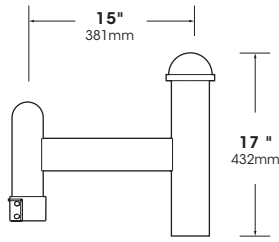
Trulevel Pendant Mount is intended to allow for fixture leveling, but is not intended to be "free-swinging" upon proper installation.

DEZİNER SERIES 6 - PLED SMALL

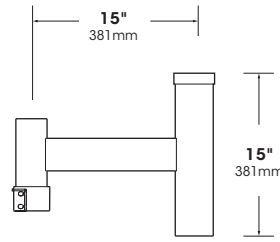
ARMS



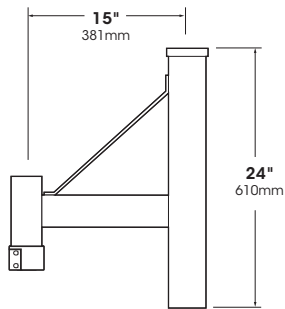
XAJM-PM



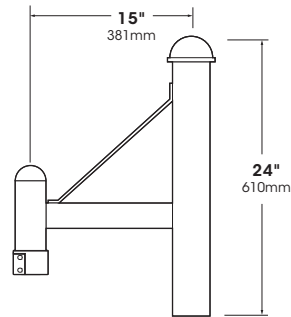
XALM-PM



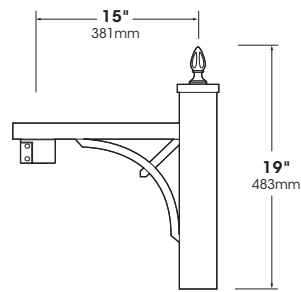
XAOM-PM



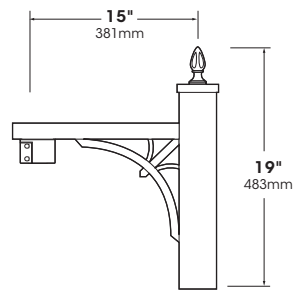
XASM-1



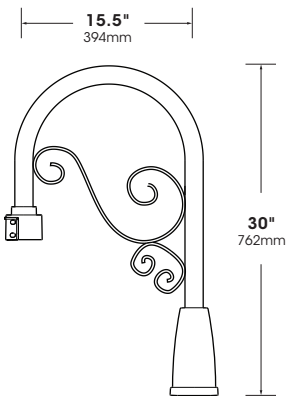
XBSM-1



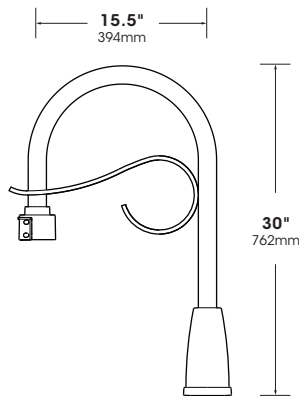
XCNAM-1



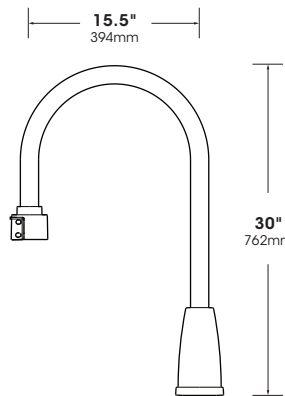
XCNBM-1



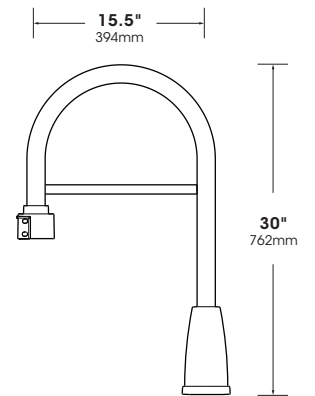
XPCM



XPDM



XPKM



XPSM

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 700mA)		
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 Dictates that L93 > 100,000 Hours.

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

ELECTRICAL DATA GUIDE - AMPERAGE CHART

# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
20	350	23.6	0.20	0.11	0.09	0.07	0.05
20	525	35.5	0.30	0.17	0.13	0.10	0.07
20	700	47.0	0.39	0.23	0.17	0.14	0.10
20	875	58.4	0.49	0.28	0.21	0.17	0.12
36	350	41.3	0.34	0.20	0.15	0.12	0.09
36	525	62.0	0.52	0.30	0.22	0.18	0.13
36	700	82.6	0.69	0.40	0.30	0.24	0.17
36	875	103.2	0.86	0.50	0.37	0.30	0.22

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

DS6-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	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
			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
			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
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	
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	
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	N/A
			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				
			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				
			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				
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				

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DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLD)

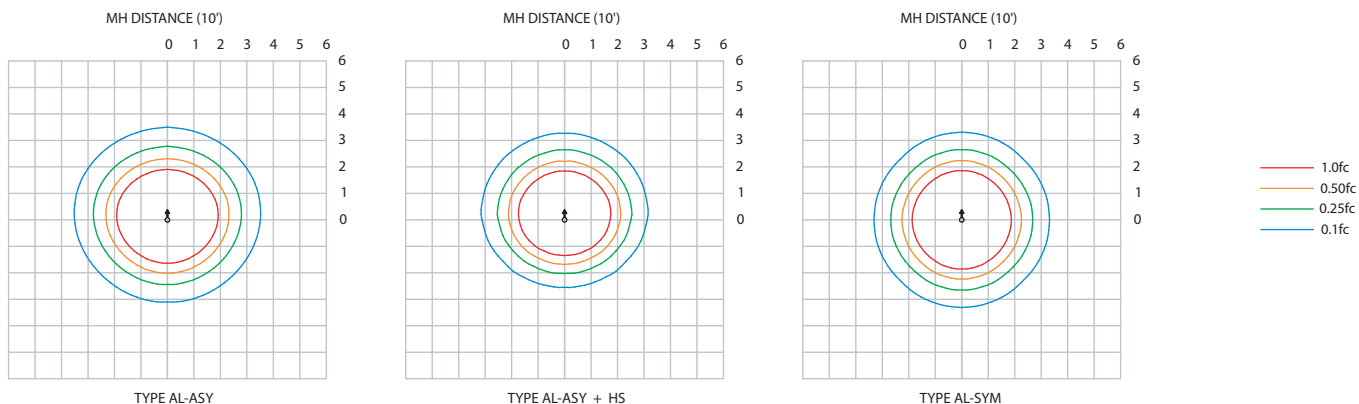
DS6-PLD																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	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
			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
			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
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	
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	
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	N/A
			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				
			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				

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DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED-AL)

DS6-PLED-AL-36LED-525mA-40K - 10' Mounting Height



PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED-AL)

DS6-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	20.6	ASY	2243	109	B1-U0-G1	2340	114	B1-U0-G1	2438	118	B1-U0-G1	2536	123	B1-U0-G1	15.9	878	55	B0-U0-G0
			SYM	2245	109	B1-U0-G1	2343	114	B1-U0-G1	2441	118	B1-U0-G1	2538	123	B1-U0-G1		879	55	B1-U0-G0
			ASY-HS	1605	78	B1-U0-G1	1675	81	B1-U0-G1	1745	85	B1-U0-G1	1814	88	B1-U0-G1		628	40	B0-U0-G0
36	350	41.3	ASY	4232	102	B2-U0-G1	4416	107	B2-U0-G1	4600	111	B2-U0-G1	4784	116	B2-U0-G1	31.8	1472	46	B1-U0-G1
			SYM	4237	103	B2-U0-G1	4421	107	B2-U0-G1	4605	112	B2-U0-G1	4789	116	B2-U0-G1		1473	46	B1-U0-G0
			ASY-HS	3028	73	B1-U0-G1	3160	77	B1-U0-G1	3292	80	B1-U0-G1	3423	83	B1-U0-G1		1053	33	B1-U0-G0
36	525	62.0	ASY	6018	97	B2-U0-G1	6280	101	B2-U0-G2	6541	106	B2-U0-G2	6803	110	B2-U0-G2	47.7	1701	36	B1-U0-G1
			SYM	6024	97	B2-U0-G1	6286	101	B2-U0-G1	6548	106	B2-U0-G1	6810	110	B2-U0-G1		1703	36	B1-U0-G0
			ASY-HS	4306	69	B1-U0-G1	4493	72	B1-U0-G1	4681	75	B2-U0-G1	4868	79	B2-U0-G1		1217	26	B1-U0-G0
36	700	82.6	ASY	7571	92	B2-U0-G2	7900	96	B2-U0-G2	8229	100	B3-U0-G2	8559	104	B3-U0-G2	N/A	N/A		
			SYM	7579	92	B3-U0-G1	7909	96	B3-U0-G1	8238	100	B3-U0-G1	8568	104	B3-U0-G1		N/A		
			ASY-HS	5418	66	B2-U0-G1	5653	68	B2-U0-G1	5889	71	B2-U0-G1	6124	74	B2-U0-G1		N/A		

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