

RAZAR SERIES LOW PROFILE AREA, SITE, & ROADWAY LUMINAIRE

Luminaire

Heavy cast aluminum assembly minimum with minimum wall thickness 0.125". Luminaire consists of an LED mounting area with passive heatsink fins for exceptional thermal control to provide long LED life. LED Modules mount directly to underside and have wiring raceways to the electrical compartment. Sealed rear electrical compartment with hinged access door houses LED Drivers and accommodates receptacles and through fixture mounting for photocells and sensor/control options. Integrated arm mounts directly to standard square poles and is gasketed at mounting area. Choose optional Round Pole Adapter (RPA) for mounting to standard round poles. All hardware is Stainless Steel.

Mast Arm Fitter/Electrical Housing

Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All hardware is stainless steel.

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. Panels are field rotatable in 90° increments and replaceable with quick disconnects behind each panel. Panels are directly mounted to the heatsink portion of the fixture for superior conduction to the heatsink fins.

LED Emitters

LED thermal management is designed to maintain an 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 350mA and 1400mA for a nominal output 1.0 to 4.0 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 bandwidth of less than 20nm. True Amber has less than 0.04% Blue Light content and is suitable for wildlife areas.

LED Drivers

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, consult factory for DALI options. Driver lifetime exceeds 100k hrs in 25°C ambient environment. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with a 20KV surge protector for field installation.

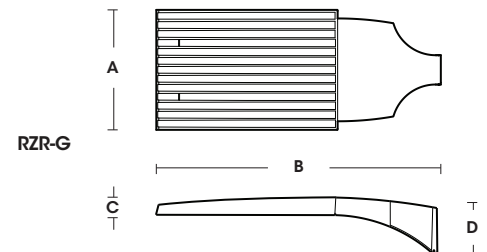
Finish

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.



RZR

(Models: RZRM, RZR, RZR-G & RZR-MAF)



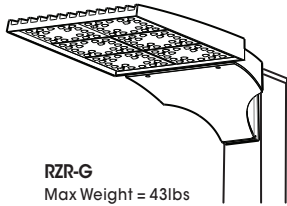
RZR, RZRM & RZR-MAF
(Top View)

RZR & RZRM

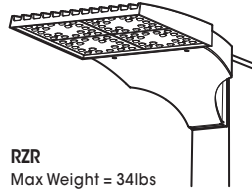
RZR-MAF

Fixture	A	B	C	D
RZR-G	15" 381mm	36.5" 927mm	3" 76mm	7" 187mm
RZR	14.75" 375mm	28.25" 718mm	2.75" 70mm	6.5" 165mm
RZRM	11.5" 292mm	22" 559mm	2.5" 64mm	5.25" 133mm
RZR-MAF	15" 381mm	28.25" 724mm	2.5" 64mm	4" 102mm

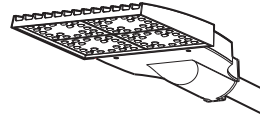
SPECIFICATIONS



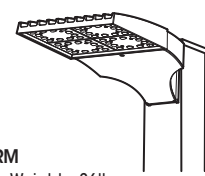
RZR-G
Max Weight = 43lbs
Max EPA = 0.76
80 or 120 LED



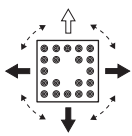
RZR
Max Weight = 34lbs
Max EPA = 0.67
40 or 80 LED



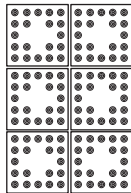
RZR-MAF
Max Weight = 36lbs
Max EPA = 0.56
40 or 80 LED



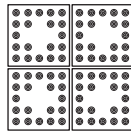
RZRM
Max Weight = 26lbs
Max EPA = 0.45
24 or 48 LED



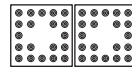
Individual PLED Modules are rotatable in 90° increments.



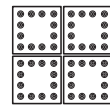
120LED 6-Module



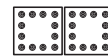
80LED 4-Module



40LED 2-Module



48LED 4-Module



24LED 2-Module

PLED™ MODULE ARRAYS

Module Array Wattage Table

Drive Current (mA):		350	525	700	875	1050	1225	1400
LED Count	24	26	39	52	67	81	NA	NA
	40	52	78	104	133	162	NA	NA
	48	43	65	87	111	135	159	183
	80	86	130	174	222	270	318	366
	120	129	195	260	332	404	477	549

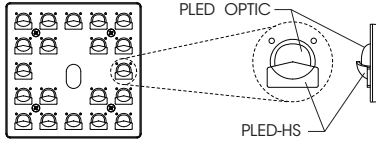
ORDERING INFORMATION

Spec/Order Example: RZR/IV-FT/80LED-700mA/30K/UNV/8019-S

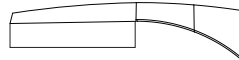
Luminaire	Optics	LED Mode			Voltage	Mounting	Finish	Options	
Luminaire	Optics	LED			Voltage	Mounting	Finish	Options	
	PLED™ Distribution Type	# of LEDs	Drive Current	Color Temp - CCT		Arm Mount	Standard Textured Finish	HS	PLED House Side Shield
RZR-G	Narrow Throw Optics							EGS4	External Glare Shield 4 Sided
	II-FR 	RZR-G	1400mA ¹	27K (2700K)	UNV (120-277) 347 480	1 	9005-T Black		
	IV-CL 	120LED	1225mA ¹	30K (3000K)		2-180 	9003-T White	EGS3W	External Glare Shield 3 Sided Rear Wedge
	VSQ-N 	80LED	1050mA	40K (4000K)		2-90 	7004-T Grey	RPA	Round Pole Adapter
			875mA	50K (5000K)		2-90 	8019-T Dark Bronze	Z18T	Zhaga B18 Receptacle Only (Top Mount)
RZR RZR-MAF	Medium Throw Optics	RZR / RZR-MAF	700mA	TRA True Amber Consult Factory for Other LED Color, CCT, & CRI Options		3-90 	6005-T Green	Z18B	Zhaga B18 Receptacle Only (Bottom Mount)
	II 	80LED	525mA			3-120 	Premium Finishes	TPR#	Twist Lock Receptacle Only (Specify # of Pins)
	II-ML 	40LED	350mA			3-120 	RUST Rust	TPC+V	Twist Lock Photocell + Voltage (Ex: TPC347V)
	III-M 					4-90 	PC Patina Copper	PC+V	Button Photo Cell + Voltage (Ex: PC120V)
RZRM	IV 						SV Silver Vein	PC+V	Button Photo Cell + Voltage (Ex: PC120V)
	VSQ-M 	RZRM				Wall Mount	CV Copper Vein	HLSW	High-Low Dimming Switch Line Voltage Triggered
	Wide Throw Optics	48LED				WM 	GV Grey Vein	FSP	Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc)
	III-W 	24LED				WM - Wall Mount provided with mounting bracket and cover.	GM Graphite Metallic	EM	Emergency Battery Backup 12 Watts - 1900 Lumens (80LED/875mA max)
	IV-FT 			Consult Factory for Other Drive Currents			FBFT Flat Black Fine Texture	SF	Single Fuse (120V, 277V)
	VSQ-W 						For smooth finish replace suffix "T" with suffix "S" (Example: 9500-S) Consult factory for custom colors	DF	Double Fuse (208V, 240V)

OPTIONS

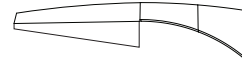
HS (PLED) Optic Level House-Side/Back Light Shields are affixed over each individual PLED Refractor. Shields are opaque black composite and block backlight and optimize distribution at curb line without effecting the forward distribution.



EXTERNAL GLARE SHIELDS (EGS) Glare Shields are rotatable on RZR and RZRM. Consult factory for custom applications



EGS4 - 4 Sided Shield
 Minimum Cutoff = 12°
 Average Cutoff = 23°

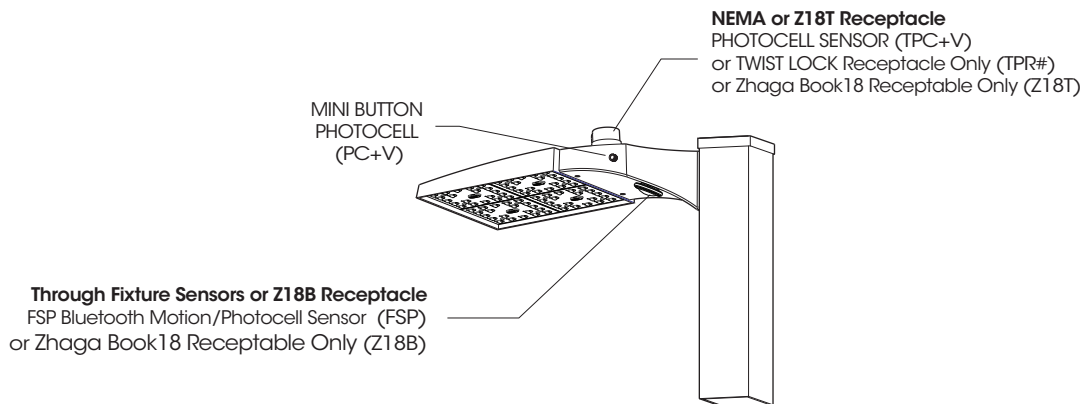


EGS3W - 3 Sided Shield
 Minimum Rear Cutoff = 12°
 Average Rear Cutoff = 23°
 Minimum Side Cutoff = 4°
 Average Side Cutoff = 16°

High Low Dimming For Switches (HLSW) The HLSW is a Small Electronic Switch which Provides High-Low Dimming Control to 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.

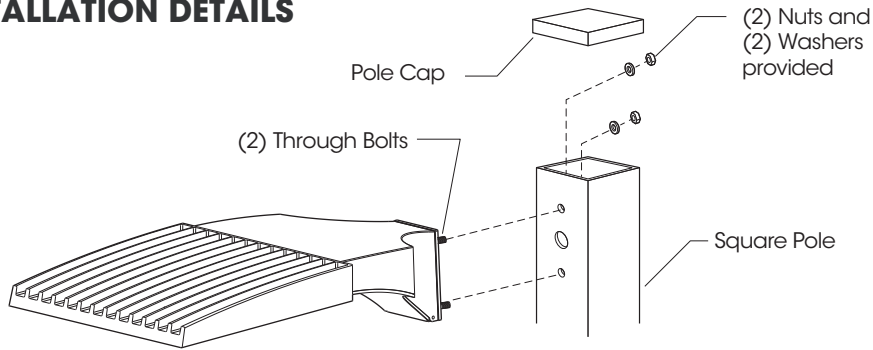
FSP Motion Bluetooth Motion/Photo Sensor (FSP) The FSP is a PIR Motion Sensor with integrated Photocell. 0-10V Dimming. Point to Point, Device Programmable with Bluetooth Device and App. Line Voltage Input. Factory Settings: No Motion - 50%, Motion - 100%, Delay - 15 min., Photocell - 75fc

Wireless & Other Fixture Controls & Sensors A wide variety of sensor & control solutions can be integrated to the Razar Series luminaires and can be factory installed. Consult factory for specific project needs. Illustration below shows where specific control and sensor nodes can be mounted to both NEMA and Zhaga Book18 type receptacles as well as through fixture PIR and microwave type sensors. Most outdoor controls and sensors can be mounted with either 0-10V (standard) or Dali type dimming.

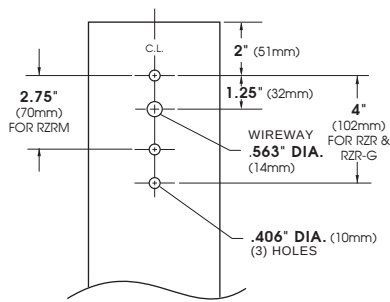


Emergency Battery Pack (EM) In Fixture Standard Emergency Battery Pack will provide 12 Watts (up to 2000 Lumens depending on distribution) for 90 minutes minimum. With a recharge time of 24 hours. Pack consists of an Emergency Driver and LiFePO4 Lithium Battery Pack. For use in 120-277VAC input, 80LED-875mA Max Fixture. Consult Factory for Cold Start and other Emergency Battery Pack Options.

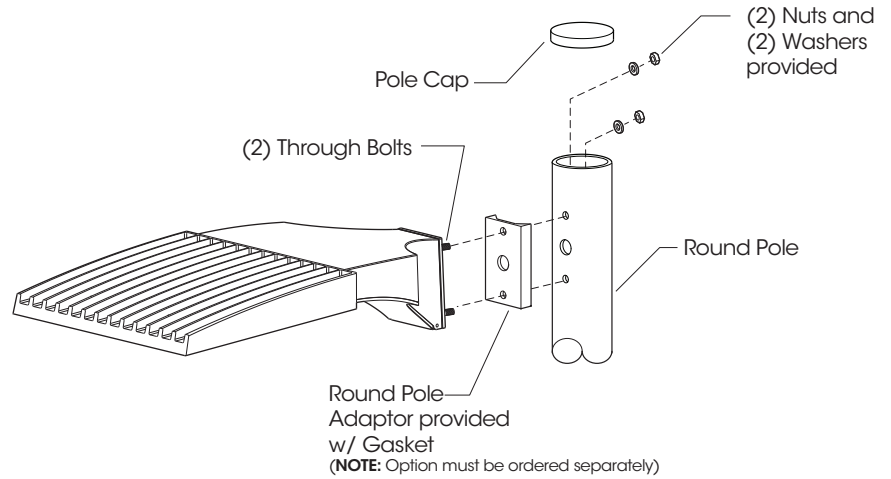
INSTALLATION DETAILS



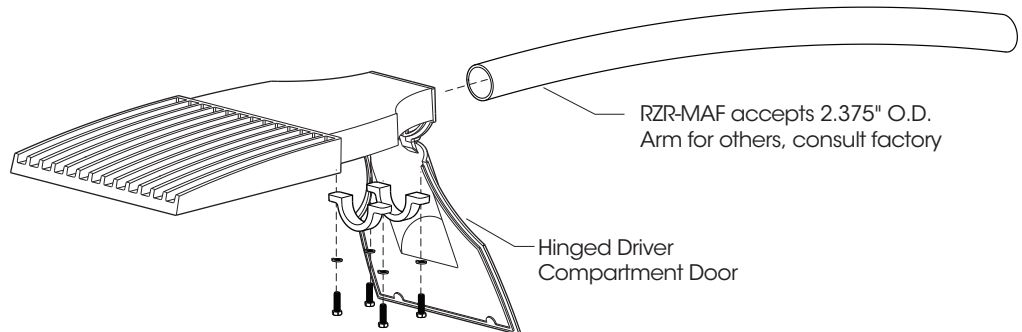
RZR Installation (Pole Mount)



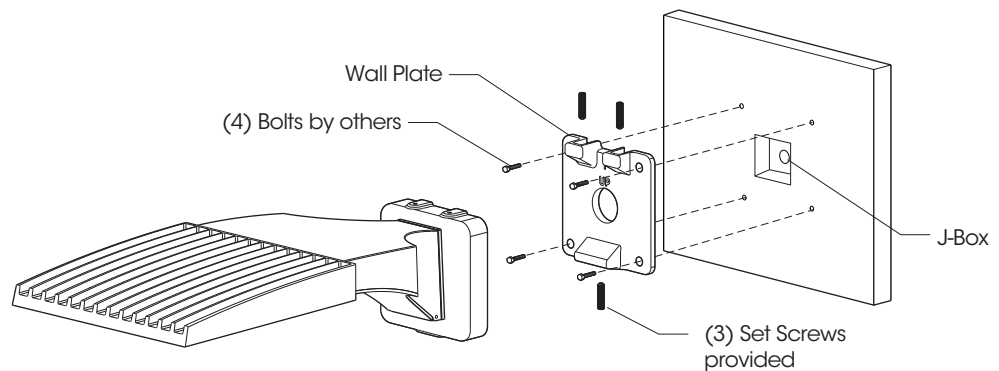
Pole Drilling Template



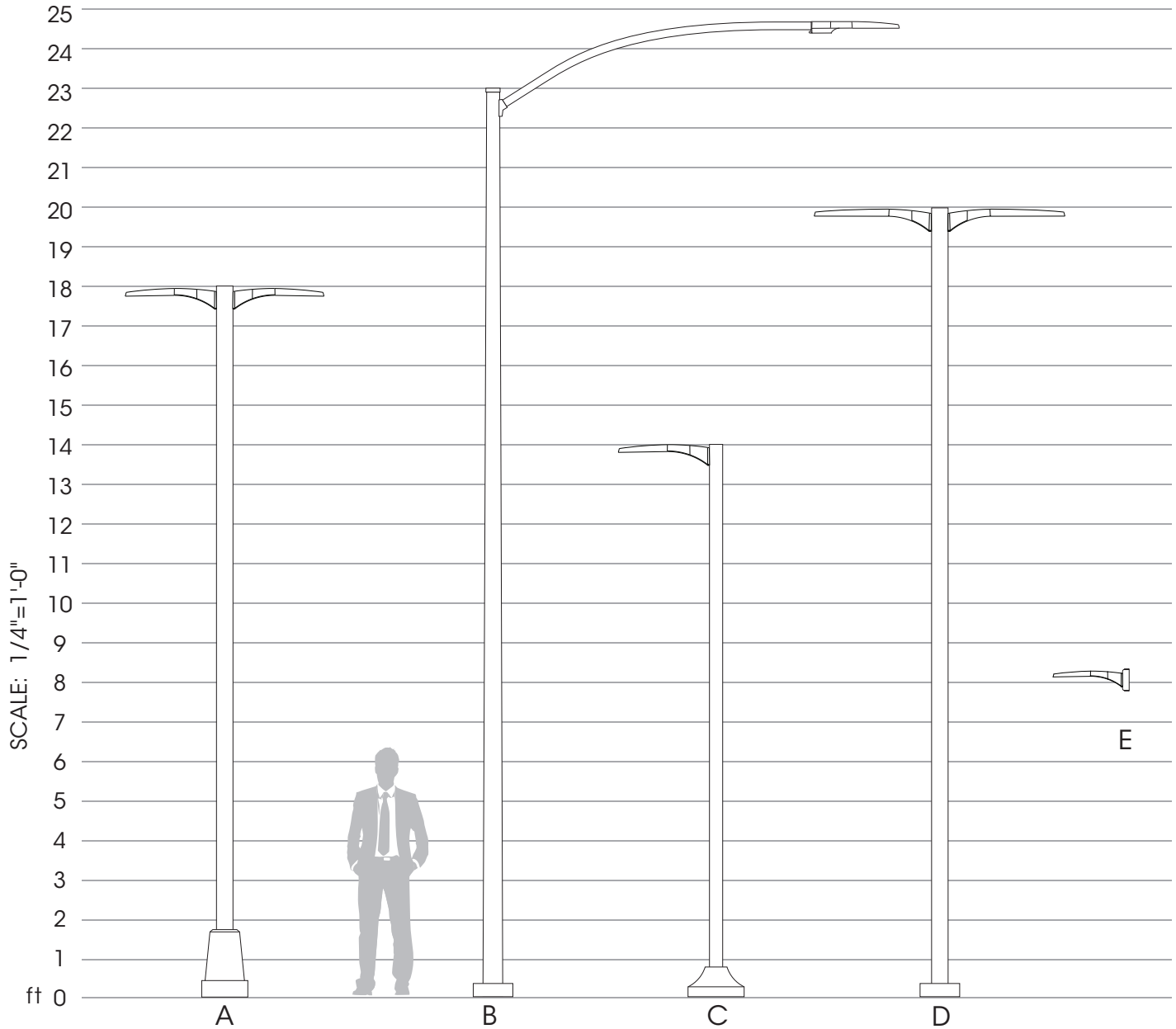
RZR-MAF Installation



RZR-WM Installation



SAMPLE ASSEMBLIES



A. 11-2500-18'-0" / 2-180/RZR/LED/ACCESSORIES/FINISH

B. 1046T-23'-0" / ASL-8' / RZR-MAF/LED/ACCESSORIES/FINISH

C. RNTA-144-125-RBC/1 / RZR/LED/ACCESSORIES/FINISH

D. RNTS205-7/2-180/RZR-G/LED/ACCESSORIES/FINISH

E. WM/RZRM/LED/ACCESSORIES/FINISH

Sample Assemblies show a small offering of the Sun Valley Line of Poles, Bases, Shafts, Arms, & Luminaires. Please visit usalitg.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
24	350	26	0.21	0.12	0.09	0.07	0.05
24	525	39	0.32	0.19	0.14	0.11	0.08
24	700	52	0.43	0.25	0.19	0.15	0.11
24	875	67	0.55	0.32	0.24	0.19	0.14
24	1050	81	0.67	0.39	0.29	0.23	0.17
48	350	52	0.43	0.25	0.19	0.15	0.11
48	525	78	0.65	0.37	0.28	0.22	0.16
48	700	104	0.87	0.50	0.38	0.30	0.22
48	875	133	1.11	0.64	0.48	0.38	0.28
48	1050	162	1.35	0.78	0.58	0.47	0.34
40	350	43	0.36	0.21	0.15	0.12	0.09
40	525	65	0.54	0.31	0.23	0.19	0.14
40	700	87	0.72	0.42	0.31	0.25	0.18
40	875	111	0.92	0.53	0.40	0.32	0.23
40	1050	135	1.12	0.65	0.49	0.39	0.28
40	1225	159	1.32	0.76	0.57	0.46	0.33
40	1400	183	1.53	0.88	0.66	0.53	0.38
80	350	86	0.72	0.41	0.31	0.25	0.18
80	525	130	1.08	0.62	0.47	0.37	0.27
80	700	174	1.45	0.83	0.63	0.50	0.36
80	875	222	1.85	1.06	0.80	0.64	0.46
80	1050	270	2.25	1.30	0.97	0.78	0.56
80	1225	318	2.65	1.53	1.15	0.92	0.66
80	1400	366	3.05	1.76	1.32	1.06	0.76
120	350	129	1.07	0.62	0.46	0.37	0.27
120	525	195	1.62	0.94	0.70	0.56	0.41
120	700	260	2.17	1.25	0.94	0.75	0.54
120	875	332	2.77	1.60	1.20	0.96	0.69
120	1050	404	3.37	1.94	1.46	1.17	0.84
120	1225	477	3.97	2.29	1.72	1.37	0.99
120	1400	549	4.58	2.64	1.98	1.58	1.14

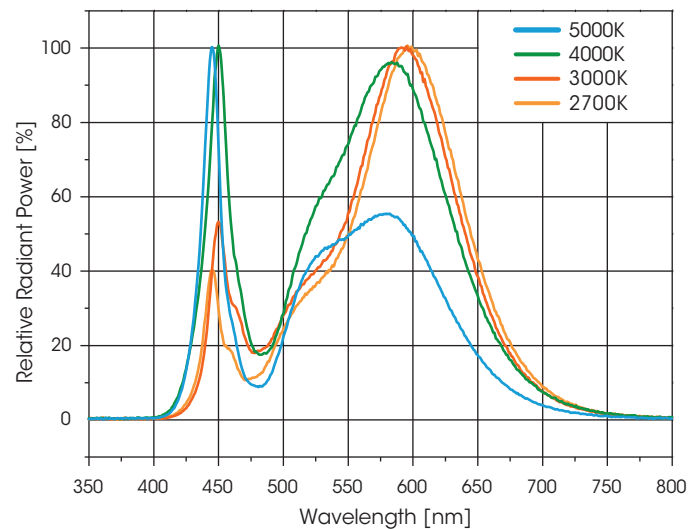
LM-80 LUMEN MAINTENANCE

Drive Current Range	LED Life (Lumen Depreciation)		
	@100,000hrs	@150,000hrs	@200,000hrs
175mA-700mA	L98 (0.98x)	L96 (0.96x)	*L94 (0.94x)
875mA-1050mA	L95 (0.95x)	L93 (0.93x)	*L90 (0.90x)
1225mA-1400mA	L93 (0.93x)	*L89 (0.89x)	*L86 (0.86x)

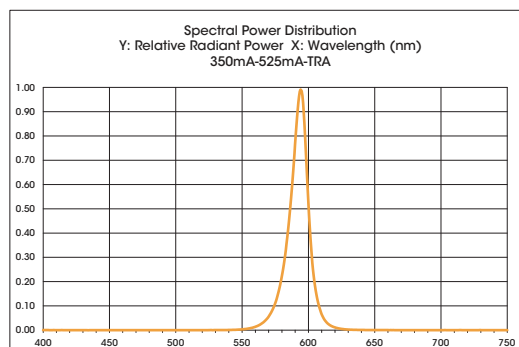
*Theoretical - Falls Outside of 6x Test Time.

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

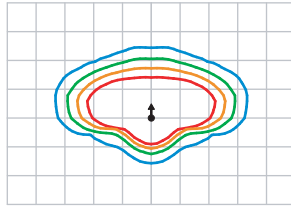
NARROW THROW PLED OPTICS

- 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.

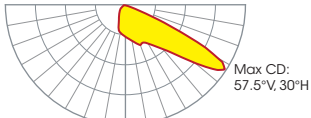
PLED TYPE-II-FR



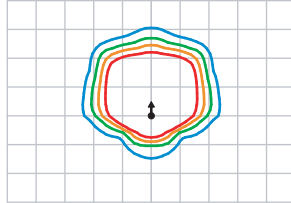
LCS % Luminaire Lumens:
 FL=14.7%, FM=49.8%, FH=12.2%, FVH=0.4%
 BL=8.9%, BM=11.1%, BH=2.5%, BVH=0.3%
 UL=0.0%, UV=0.0%



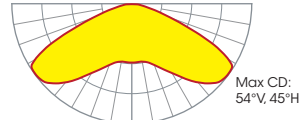
PLED TYPE-IV-CL



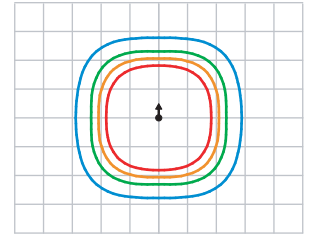
LCS % Luminaire Lumens:
 FL=13.6%, FM=56.3%, FH=15.1%, FVH=0.2%
 BL=7.5%, BM=6.3%, BH=0.9%, BVH=0.2%
 UL=0.0%, UV=0.0%



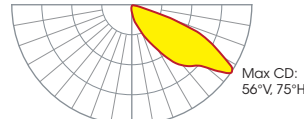
PLED TYPE-VSQ-N



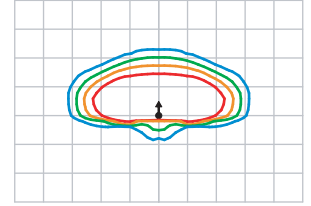
LCS % Luminaire Lumens:
 FL=7.3%, FM=31.7%, FH=10.7%, FVH=0.2%
 BL=7.3%, BM=31.7%, BH=10.7%, BVH=0.2%
 UL=0.0%, UV=0.0%



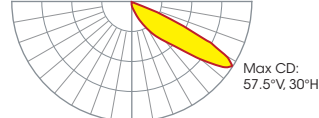
PLED TYPE-II-FR + HS



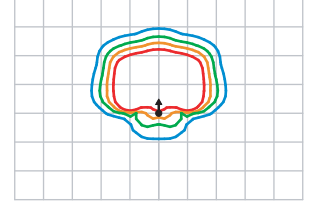
LCS % Luminaire Lumens:
 FL=13.9%, FM=63.4%, FH=16.0%, FVH=0.3%
 BL=1.4%, BM=3.9%, BH=1.1%, BVH=0.0%
 UL=0.0%, UV=0.0%



PLED TYPE-IV-CL + XHS



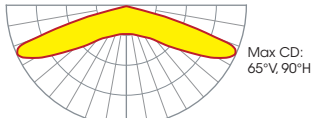
LCS % Luminaire Lumens:
 FL=4.9%, FM=70.6%, FH=22.2%, FVH=0.2%
 BL=0.7%, BM=1.2%, BH=0.3%, BVH=0.0%
 UL=0.0%, UV=0.0%



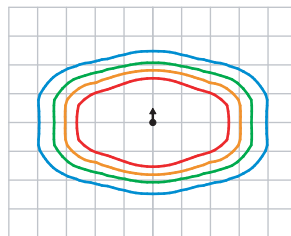
MEDIUM THROW PLED OPTICS

- 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.

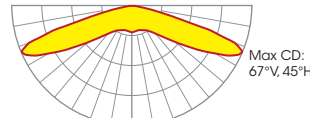
PLED TYPE-II-ML



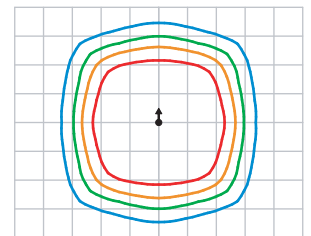
LCS % Luminaire Lumens:
 FL=6.4%, FM=25.6%, FH=17.4%, FVH=0.5%
 BL=6.4%, BM=25.6%, BH=17.4%, BVH=0.5%
 UL=0.0%, UV=0.0%



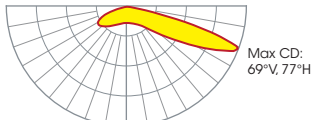
PLED TYPE-VSQ-M



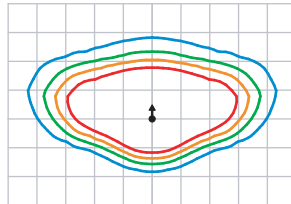
LCS % Luminaire Lumens:
 FL=4.1%, FM=21.7%, FH=23.7%, FVH=0.5%
 BL=4.1%, BM=21.7%, BH=23.7%, BVH=0.5%
 UL=0.0%, UV=0.0%



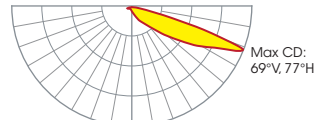
PLED TYPE-II



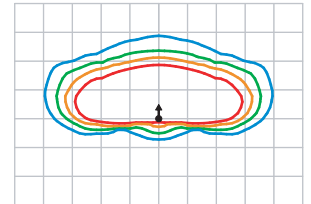
LCS % Luminaire Lumens:
 FL=6.5%, FM=33.9%, FH=28.6%, FVH=0.8%
 BL=6.2%, BM=17.4%, BH=6.3%, BVH=0.3%
 UL=0.0%, UV=0.0%



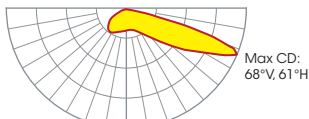
PLED TYPE-II + HS



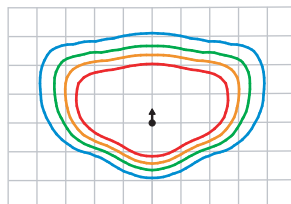
LCS % Luminaire Lumens:
 FL=6.9%, FM=48.1%, FH=38.3%, FVH=0.6%
 BL=1.0%, BM=2.6%, BH=2.4%, BVH=0.0%
 UL=0.0%, UV=0.0%



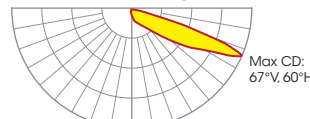
PLED TYPE-III-M



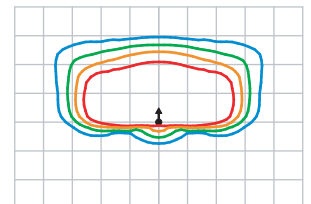
LCS % Luminaire Lumens:
 FL=6.4%, FM=33.4%, FH=31.7%, FVH=0.8%
 BL=6.5%, BM=16.1%, BH=4.9%, BVH=0.2%
 UL=0.0%, UV=0.0%



PLED TYPE-III-M + HS



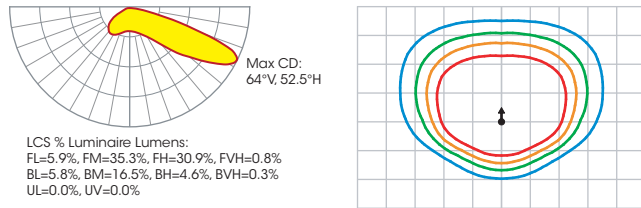
LCS % Luminaire Lumens:
 FL=6.2%, FM=45.6%, FH=43.1%, FVH=0.6%
 BL=0.9%, BM=2.1%, BH=1.5%, BVH=0.0%
 UL=0.0%, UV=0.0%



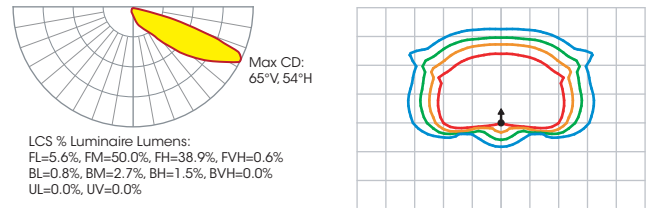
PHOTOMETRIC DATA GUIDE - PLED OPTICS

MEDIUM THROW PLED OPTICS - Continued

PLED TYPE-IV



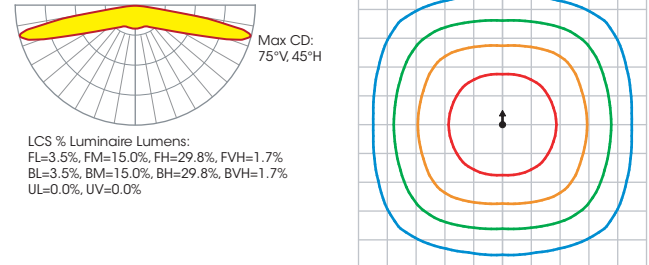
PLED TYPE-IV + HS



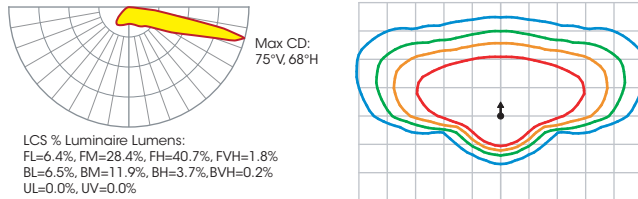
WIDE THROW PLED OPTICS

- 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.

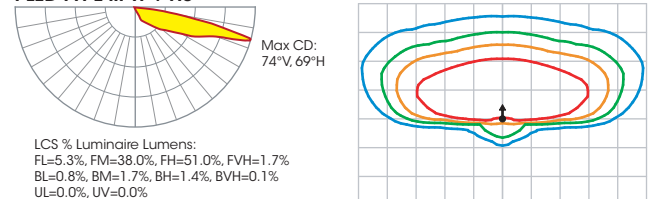
PLED TYPE-VSQ-W



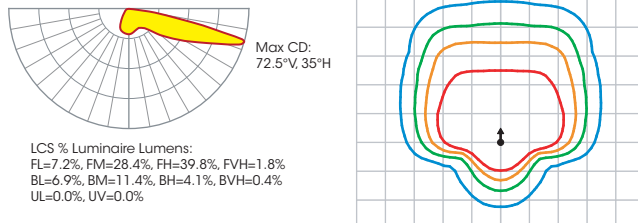
PLED TYPE-III-W



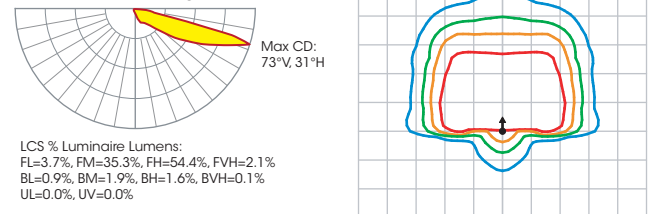
PLED TYPE-III-W + HS



PLED TYPE-IV-FT



PLED TYPE-IV-FT + HS



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.

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 PLED Medium Throw Type-II meet the criteria.

2.4 Wildlife DarkSky Luminaire criteria - All Narrow Throw 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 compliance and suitability. Contact Factory for further information on compliance and options.

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZRM-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
24	350	25.7	II	4274	166	B1-U0-G1	4631	180	B1-U0-G1	4750	185	B1-U0-G1	4868	189	B1-U0-G1	19.8	1385	70	B1-U0-G1
			II-FR	4303	167	B1-U0-G1	4662	181	B1-U0-G1	4781	186	B1-U0-G1	4901	191	B1-U0-G1		1395	70	B1-U0-G0
			II-ML	4274	166	B2-U0-G2	4631	180	B2-U0-G2	4750	185	B2-U0-G2	4868	189	B2-U0-G2		1385	70	B1-U0-G1
			III-M	4349	169	B1-U0-G1	4712	183	B1-U0-G1	4833	188	B1-U0-G1	4953	193	B1-U0-G1		1410	71	B1-U0-G1
			III-W	4038	157	B1-U0-G1	4375	170	B1-U0-G1	4487	175	B1-U0-G2	4599	179	B1-U0-G2		1309	66	B0-U0-G1
			IV	4317	168	B1-U0-G1	4677	182	B1-U0-G1	4796	187	B1-U0-G1	4916	191	B1-U0-G1		1399	71	B1-U0-G1
			IV-CL	4321	168	B1-U0-G0	4682	182	B1-U0-G1	4802	187	B1-U0-G1	4922	191	B1-U0-G1		1401	71	B0-U0-G0
			IV-FT	3932	153	B1-U0-G1	4260	166	B1-U0-G1	4369	170	B1-U0-G1	4478	174	B1-U0-G1		1275	64	B0-U0-G1
			VSQ-N	4511	176	B2-U0-G1	4888	190	B2-U0-G1	5013	195	B2-U0-G1	5138	200	B2-U0-G1		1462	74	B1-U0-G0
			VSQ-M	4424	172	B3-U0-G1	4793	186	B3-U0-G1	4916	191	B3-U0-G1	5039	196	B3-U0-G1		1434	72	B1-U0-G0
			VSQ-W	4318	168	B3-U0-G1	4679	182	B3-U0-G1	4798	187	B3-U0-G1	4918	191	B3-U0-G1		1400	71	B1-U0-G1
			II-HS	3126	122	B0-U0-G1	3387	132	B0-U0-G1	3474	135	B0-U0-G1	3560	139	B0-U0-G1		1013	51	B0-U0-G0
			II-FR-HS	3180	124	B0-U0-G0	3445	134	B0-U0-G1	3533	137	B0-U0-G1	3621	141	B0-U0-G1		1031	52	B0-U0-G0
			III-M-HS	3163	123	B0-U0-G1	3427	133	B0-U0-G1	3514	137	B0-U0-G1	3602	140	B0-U0-G1		1025	52	B0-U0-G0
			III-W-HS	3096	120	B0-U0-G1	3354	131	B0-U0-G1	3440	134	B0-U0-G1	3526	137	B0-U0-G1		1003	51	B0-U0-G1
			IV-HS	3267	127	B0-U0-G1	3539	138	B0-U0-G1	3630	141	B0-U0-G1	3720	145	B0-U0-G1		1059	53	B0-U0-G0
			IV-CL-XHS	2866	111	B0-U0-G0	3105	121	B0-U0-G1	3184	124	B0-U0-G1	3264	127	B0-U0-G1		929	47	B0-U0-G0
			IV-FT-HS	3087	120	B0-U0-G1	3345	130	B0-U0-G2	3430	133	B0-U0-G2	3516	137	B0-U0-G2		1001	51	B0-U0-G1
			II	6171	159	B2-U0-G1	6685	172	B2-U0-G2	6857	176	B2-U0-G2	7029	181	B2-U0-G2		1626	53	B1-U0-G1
			II-FR	6212	160	B2-U0-G1	6731	173	B2-U0-G1	6903	177	B2-U0-G1	7075	182	B2-U0-G1		1637	53	B1-U0-G0
			II-ML	6171	159	B3-U0-G3	6686	172	B3-U0-G3	6857	176	B3-U0-G3	7029	181	B3-U0-G3		1626	53	B1-U0-G1
			III-M	6279	161	B2-U0-G2	6803	175	B2-U0-G2	6977	179	B2-U0-G2	7151	184	B2-U0-G2		1654	54	B1-U0-G1
			III-W	5830	150	B1-U0-G2	6316	162	B1-U0-G2	6478	167	B1-U0-G2	6640	171	B1-U0-G2		1536	50	B0-U0-G1
			IV	6232	160	B2-U0-G2	6752	174	B2-U0-G2	6925	178	B2-U0-G2	7098	182	B2-U0-G2		1642	54	B1-U0-G1
			IV-CL	6239	160	B1-U0-G1	6759	174	B2-U0-G1	6932	178	B2-U0-G1	7106	183	B2-U0-G1		1644	54	B1-U0-G0
			IV-FT	5677	146	B1-U0-G2	6150	158	B1-U0-G2	6308	162	B1-U0-G2	6465	166	B1-U0-G2		1496	49	B0-U0-G1
			VSQ-N	6513	167	B2-U0-G1	7057	181	B2-U0-G1	7237	186	B2-U0-G1	7418	191	B2-U0-G1		1716	56	B1-U0-G0
24	525	38.9	VSQ-M	6387	164	B3-U0-G1	6920	178	B3-U0-G1	7097	182	B3-U0-G1	7274	187	B3-U0-G1		1683	55	B1-U0-G0
			VSQ-W	6235	160	B3-U0-G2	6754	174	B3-U0-G2	6928	178	B3-U0-G2	7101	183	B3-U0-G2		1642	54	B1-U0-G1
			II-HS	4513	116	B0-U0-G1	4890	126	B1-U0-G2	5015	129	B1-U0-G2	5140	132	B1-U0-G2		1189	39	B0-U0-G0
			II-FR-HS	4591	118	B0-U0-G1	4974	128	B0-U0-G1	5101	131	B0-U0-G1	5228	134	B0-U0-G1		1210	40	B0-U0-G0
			III-M-HS	4566	117	B0-U0-G2	4947	127	B0-U0-G2	5074	130	B0-U0-G2	5200	134	B0-U0-G2		1203	39	B0-U0-G0
			III-W-HS	4469	115	B0-U0-G2	4842	124	B0-U0-G2	4966	128	B0-U0-G2	5090	131	B0-U0-G2		1178	38	B0-U0-G1
			IV-HS	4716	121	B0-U0-G2	5110	131	B0-U0-G2	5241	135	B0-U0-G2	5372	138	B0-U0-G2		1243	41	B0-U0-G0
			IV-CL-XHS	4137	106	B0-U0-G1	4483	115	B0-U0-G1	4597	118	B0-U0-G1	4712	121	B0-U0-G1		1090	36	B0-U0-G0
			IV-FT-HS	4457	115	B0-U0-G2	4829	124	B0-U0-G2	4952	127	B0-U0-G2	5076	130	B0-U0-G2		1174	38	B0-U0-G1
			II	7881	151	B2-U0-G2	8538	164	B2-U0-G2	8757	168	B2-U0-G2	8976	172	B2-U0-G2				
			II-FR	7934	152	B2-U0-G1	8595	165	B2-U0-G1	8816	169	B2-U0-G1	9036	173	B2-U0-G1				
			II-ML	7881	151	B3-U0-G3	8538	164	B3-U0-G3	8757	168	B3-U0-G3	8976	172	B3-U0-G3				
			III-M	8019	154	B2-U0-G2	8687	167	B2-U0-G2	8910	171	B2-U0-G2	9132	175	B2-U0-G2				
			III-W	7445	143	B1-U0-G2	8066	155	B2-U0-G2	8273	159	B2-U0-G2	8480	163	B2-U0-G2				
			IV	7958	153	B2-U0-G2	8622	165	B2-U0-G2	8843	170	B2-U0-G2	9064	174	B2-U0-G2				
			IV-CL	7967	153	B2-U0-G1	8632	166	B2-U0-G1	8853	170	B2-U0-G1	9074	174	B2-U0-G1				
			IV-FT	7250	139	B1-U0-G2	7854	151	B2-U0-G2	8055	155	B2-U0-G2	8257	158	B2-U0-G2				
			VSQ-N	8318	160	B3-U0-G1	9012	173	B3-U0-G1	9243	177	B3-U0-G1	9474	182	B3-U0-G1				
			VSQ-M	8157	157	B3-U0-G2	8837	170	B3-U0-G2	9064	174	B3-U0-G2	9290	178	B3-U0-G2				
			VSQ-W	7962	153	B3-U0-G2	8626	166	B4-U0-G2	8847	170	B4-U0-G2	9068	174	B4-U0-G2				
			II-HS	5764	111	B1-U0-G2	6245	120	B1-U0-G2	6405	123	B1-U0-G2	6564	126	B1-U0-G2				
			II-FR-HS	5863	113	B1-U0-G1	6352	122	B1-U0-G1	6515	125	B1-U0-G1	6677	128	B1-U0-G1				
			III-M-HS	5831	112	B0-U0-G2	6318	121	B0-U0-G2	6480	124	B0-U0-G2	6641	127	B0-U0-G2				
			III-W-HS	5708	110	B0-U0-G2	6184	119	B0-U0-G2	6342	122	B0-U0-G2	6501	125	B0-U0-G2				
			IV-HS	6023	116	B0-U0-G2	6525	125	B0-U0-G2	6692	128	B0-U0-G2	6859	132	B0-U0-G2				
			IV-CL-XHS	5284	101	B0-U0-G1	5725	110	B0-U0-G1	5871	113	B0-U0-G1	6018	116	B0-U0-G1				
			IV-FT-HS	5692	109	B0-U0-G2	6167	118	B0-U0-G2	6325	121	B0-U0-G2	6483	124	B0-U0-G2				
24	875	66.5	II	9511	143	B2-U0-G2	10303	155	B2-U0-G2	10568	159	B2-U0-G2	10832	163	B2-U0-G2				
			II-FR	9574	144	B2-U0-G1	10373	156	B2-U0-G1	10639	160	B2-U0-G1	10905	164	B2-U0-G1				
			II-ML	9511	143	B3-U0-G3	10304	155	B3-U0-G3	10568	159	B3-U0-G3	10832	163	B3-U0-G3				
			III-M	9677	146	B2-U0-G2	10484	158	B2-U0-G2	10752	162	B2-U0-G2	11021	166	B2-U0-G2				
			III-W	8985	135	B2-U0-G2	9734	146	B2-U0-G2	9984	150	B2-U0-G2	10233	154	B2-U0-G2				
			IV	9604	144	B2-U0-G2	10405	156	B2-U0-G2	10672	160	B2-U0-G2	10939	164	B2-U0-G2				
			IV-CL	9615	145	B2-U0-G1	10417	157	B2-U0-G1	10684	161	B2-U0-G1	10951	165	B2-U0-G1				
			IV-FT	8749	132	B2-U0-G2	9478	143	B2-U0-G2	9721	146	B2-U0-G2	9964	150	B2-U0-G2				
			VSQ-N	10038	151	B3-U0-G1	10875	164	B3-U0-G1	11154	168	B3-U0-G1	11433	172	B3-U0-G1				
			VSQ-M	9843	148	B3-U0-G2	10665	160	B4-U0-G2	10938	164	B4-U0-G2	11211	169	B4-U0-G2				
			VSQ-W	9608	144	B4-U0-G2	10409	157	B4-U0-G2	10676	161	B4-U0-G2	10943	165	B4-U0-G2				
			II-HS	6956	105	B1-U0-G2	7536	113	B1-U0-G2	7729	116	B1-U0-G2	7922	119	B1-U0-G2				
			II-FR-HS	7075	106	B1-U0-G1	7665	115	B1-U0-G1	7862	118	B1-U0-G1	8058	121	B1-U0-G1				
			III-M-HS	7037	106	B0-U0-G2													

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZRM-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	350	51.5	II	8284	161	B2-U0-G2	8974	174	B2-U0-G2	9204	179	B2-U0-G2	9434	183	B2-U0-G2	40.2	2685	67	B1-U0-G1
				8339	162	B2-U0-G1	9035	175	B2-U0-G1	9266	180	B2-U0-G1	9498	184	B2-U0-G1		2703	67	B1-U0-G1
				8284	161	B3-U0-G3	8975	174	B3-U0-G3	9205	179	B3-U0-G3	9435	183	B3-U0-G3		2685	67	B1-U0-G1
				8429	164	B2-U0-G2	9131	177	B2-U0-G2	9365	182	B2-U0-G2	9599	186	B2-U0-G2		2732	68	B1-U0-G1
				7826	152	B2-U0-G2	8478	165	B2-U0-G2	8696	169	B2-U0-G2	8913	173	B2-U0-G2		2537	63	B1-U0-G1
				8365	162	B2-U0-G2	9063	176	B2-U0-G2	9295	180	B2-U0-G2	9528	185	B2-U0-G2		2712	67	B1-U0-G1
				8375	163	B2-U0-G1	9073	176	B2-U0-G1	9306	181	B2-U0-G1	9538	185	B2-U0-G1		2714	68	B1-U0-G0
				7620	148	B2-U0-G2	8255	160	B2-U0-G2	8467	164	B2-U0-G2	8679	169	B2-U0-G2		2470	61	B1-U0-G1
				8743	170	B3-U0-G1	9472	184	B3-U0-G1	9715	189	B3-U0-G1	9958	193	B3-U0-G1		2834	70	B1-U0-G0
				8574	166	B3-U0-G2	9289	180	B3-U0-G2	9527	185	B3-U0-G2	9765	190	B3-U0-G2		2779	69	B2-U0-G1
				8369	163	B3-U0-G2	9067	176	B4-U0-G2	9299	181	B4-U0-G2	9532	185	B4-U0-G2		2713	67	B2-U0-G1
				6059	118	B1-U0-G2	6564	127	B1-U0-G2	6732	131	B1-U0-G2	6900	134	B1-U0-G2		1964	49	B0-U0-G1
				6163	120	B1-U0-G1	6677	130	B1-U0-G1	6848	133	B1-U0-G1	7019	136	B1-U0-G1		1998	50	B0-U0-G0
				6129	119	B0-U0-G2	6640	129	B0-U0-G2	6811	132	B0-U0-G2	6981	136	B0-U0-G2		1987	49	B0-U0-G1
				5999	116	B0-U0-G2	6500	126	B0-U0-G2	6666	129	B0-U0-G2	6833	133	B0-U0-G2		1945	48	B0-U0-G1
				6331	123	B0-U0-G2	6859	133	B0-U0-G2	7034	137	B0-U0-G2	7210	140	B0-U0-G2		2052	51	B0-U0-G1
				5554	108	B0-U0-G1	6017	117	B0-U0-G1	6171	120	B0-U0-G1	6325	123	B0-U0-G1		1800	45	B0-U0-G0
				5983	116	B0-U0-G2	6482	126	B0-U0-G2	6648	129	B0-U0-G2	6814	132	B1-U0-G2		1939	48	B0-U0-G1
				11960	154	B2-U0-G2	12957	167	B2-U0-G2	13289	171	B2-U0-G2	13621	175	B2-U0-G2	60.6	3151	52	B1-U0-G1
48	525	77.8	II-FR	12040	155	B3-U0-G1	13044	168	B3-U0-G1	13378	172	B3-U0-G1	13713	176	B3-U0-G1		3172	52	B1-U0-G1
				11960	154	B3-U0-G3	12957	167	B3-U0-G3	13289	171	B3-U0-G3	13622	175	B3-U0-G3		3151	52	B2-U0-G2
				12169	156	B2-U0-G2	13183	169	B2-U0-G2	13521	174	B2-U0-G2	13859	178	B2-U0-G2		3206	53	B1-U0-G1
				11299	145	B2-U0-G2	12241	157	B2-U0-G2	12555	161	B2-U0-G2	12869	165	B2-U0-G3		2977	49	B1-U0-G1
				12078	155	B2-U0-G2	13085	168	B2-U0-G2	13420	172	B2-U0-G2	13755	177	B2-U0-G2		3182	53	B1-U0-G1
				12091	155	B2-U0-G2	13099	168	B2-U0-G2	13435	173	B3-U0-G2	13771	177	B3-U0-G2		3185	53	B1-U0-G0
				11002	141	B2-U0-G2	11919	153	B2-U0-G2	12225	157	B2-U0-G2	12530	161	B2-U0-G3		2898	48	B1-U0-G1
				12623	162	B3-U0-G1	13676	176	B3-U0-G1	14026	180	B3-U0-G1	14377	185	B3-U0-G1		3326	55	B2-U0-G0
				12378	159	B4-U0-G2	13410	172	B4-U0-G2	13754	177	B4-U0-G2	14098	181	B4-U0-G2		3261	54	B2-U0-G1
				12083	155	B4-U0-G2	13090	168	B4-U0-G3	13426	173	B4-U0-G3	13762	177	B4-U0-G3		3183	53	B2-U0-G1
				8747	112	B1-U0-G2	9476	122	B1-U0-G2	9719	125	B1-U0-G2	9962	128	B1-U0-G2		2304	38	B0-U0-G1
				8897	114	B1-U0-G1	9639	124	B1-U0-G1	9886	127	B1-U0-G1	10133	130	B1-U0-G1		2344	39	B0-U0-G0
				8849	114	B1-U0-G2	9587	123	B1-U0-G2	9833	126	B1-U0-G2	10078	130	B1-U0-G2		2331	38	B0-U0-G1
				8662	111	B1-U0-G2	9384	121	B1-U0-G2	9624	124	B1-U0-G2	9865	127	B1-U0-G3		2282	38	B0-U0-G1
				9140	117	B1-U0-G2	9902	127	B1-U0-G2	10156	131	B1-U0-G2	10410	134	B1-U0-G2		2408	40	B0-U0-G1
				8018	103	B0-U0-G1	8687	112	B0-U0-G2	8910	115	B0-U0-G2	9132	117	B0-U0-G2		2112	35	B0-U0-G0
				8638	111	B1-U0-G2	9358	120	B1-U0-G3	9598	123	B1-U0-G3	9838	126	B1-U0-G3		2276	38	B0-U0-G1
48	700	104.1	II	15273	147	B3-U0-G2	16547	159	B3-U0-G3	16971	163	B3-U0-G3	17395	167	B3-U0-G3				
				15376	148	B3-U0-G2	16658	160	B3-U0-G2	17085	164	B3-U0-G2	17512	168	B3-U0-G2				
				15274	147	B4-U0-G4	16547	159	B4-U0-G4	16971	163	B4-U0-G4	17396	167	B4-U0-G4				
				15541	149	B3-U0-G2	16836	162	B3-U0-G3	17268	166	B3-U0-G3	17699	170	B3-U0-G3				
				14429	139	B2-U0-G3	15632	150	B3-U0-G3	16033	154	B3-U0-G3	16434	158	B3-U0-G3				
				15424	148	B3-U0-G2	16710	161	B3-U0-G3	17138	165	B3-U0-G3	17566	169	B3-U0-G3				
				15441	148	B3-U0-G2	16728	161	B3-U0-G2	17157	165	B3-U0-G2	17586	169	B3-U0-G2				
				14050	135	B2-U0-G3	15221	146	B3-U0-G3	15611	150	B3-U0-G3	16001	154	B3-U0-G3				
				16121	155	B4-U0-G1	17464	168	B4-U0-G2	17912	172	B4-U0-G2	18360	176	B4-U0-G2				
				15808	152	B4-U0-G2	17126	165	B4-U0-G2	17565	169	B4-U0-G2	18004	173	B4-U0-G2				
				15430	148	B4-U0-G3	16717	161	B4-U0-G3	17145	165	B5-U0-G3	17574	169	B5-U0-G3				
				11170	107	B1-U0-G2	12102	116	B1-U0-G2	12412	119	B1-U0-G2	12722	122	B1-U0-G2				
				11363	109	B1-U0-G2	12310	118	B1-U0-G2	12625	121	B1-U0-G2	12941	124	B1-U0-G2				
				11301	109	B1-U0-G2	12243	118	B1-U0-G3	12557	121	B1-U0-G3	12871	124	B1-U0-G3				
				11061	106	B1-U0-G3	11984	115	B1-U0-G3	12291	118	B1-U0-G3	12598	121	B1-U0-G3				
				11672	112	B1-U0-G2	12646	121	B1-U0-G2	12970	125	B1-U0-G3	13294	128	B1-U0-G3				
				10240	98	B0-U0-G2	11094	107	B0-U0-G2	11378	109	B0-U0-G2	11663	112	B0-U0-G2				
				11031	106	B1-U0-G3	11951	115	B1-U0-G3	12257	118	B1-U0-G3	12563	121	B1-U0-G3				
48	875	132.9	II	18432	139	B3-U0-G3	19968	150	B3-U0-G3	20480	154	B3-U0-G3	20992	158	B3-U0-G3				
				18555	140	B3-U0-G2	20102	151	B3-U0-G2	20617	155	B3-U0-G2	21133	159	B3-U0-G2				
				18433	139	B4-U0-G4	19969	150	B4-U0-G4	20481	154	B4-U0-G4	20993	158	B4-U0-G4				
				18754	141	B3-U0-G3	20317	153	B3-U0-G3	20838	157	B3-U0-G3	21359	161	B3-U0-G3				
				17413	131	B3-U0-G3	18865	142	B3-U0-G4	19349	146	B3-U0-G4	19832	149	B3-U0-G4				
				18613	140	B3-U0-G3	20165	152	B3-U0-G3	20682	156	B3-U0-G3	21199	160	B3-U0-G3				
				18634	140	B3-U0-G2	20187	152	B3-U0-G2	20705	156	B3-U0-G2	21222	160	B3-U0-G2				
				16955	128	B3-U0-G3	18369	138	B3-U0-G3	18840	142	B3-U0-G3	19310	145	B3-U0-G4				
				19454	146	B4-U0													

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-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
40	350	42.9	II	7124	166	B2-U0-G2	7718	180	B2-U0-G2	7916	185	B2-U0-G2	8114	189	B2-U0-G2	33.0	2309	70	B1-U0-G1
			II-FR	7172	167	B2-U0-G1	7770	181	B2-U0-G1	7969	186	B2-U0-G1	8168	190	B2-U0-G1		2325	70	B1-U0-G0
			II-ML	7124	166	B3-U0-G3	7718	180	B3-U0-G3	7916	185	B3-U0-G3	8114	189	B3-U0-G3		2309	70	B1-U0-G1
			III-M	7249	169	B2-U0-G2	7853	183	B2-U0-G2	8054	188	B2-U0-G2	8256	192	B2-U0-G2		2349	71	B1-U0-G1
			III-W	6730	157	B1-U0-G2	7292	170	B1-U0-G2	7478	174	B1-U0-G2	7665	179	B1-U0-G2		2181	66	B1-U0-G1
			IV	7194	168	B2-U0-G2	7794	182	B2-U0-G2	7994	186	B2-U0-G2	8194	191	B2-U0-G2		2332	71	B1-U0-G1
			IV-CL	7202	168	B2-U0-G1	7803	182	B2-U0-G1	8003	187	B2-U0-G1	8203	191	B2-U0-G1		2335	71	B1-U0-G0
			IV-FT	6553	153	B1-U0-G2	7100	165	B1-U0-G2	7282	170	B1-U0-G2	7464	174	B2-U0-G2		2124	64	B1-U0-G1
			VSQ-N	7519	175	B2-U0-G1	8146	190	B3-U0-G1	8355	195	B3-U0-G1	8564	200	B3-U0-G1		2437	74	B1-U0-G0
			VSQ-M	7373	172	B3-U0-G1	7988	186	B3-U0-G2	8193	191	B3-U0-G2	8398	196	B3-U0-G2		2390	72	B2-U0-G1
			VSQ-W	7197	168	B3-U0-G2	7797	182	B3-U0-G2	7997	186	B3-U0-G2	8197	191	B3-U0-G2		2333	71	B2-U0-G1
			II-HS	5210	121	B1-U0-G2	5645	132	B1-U0-G2	5789	135	B1-U0-G2	5934	138	B1-U0-G2		1689	51	B0-U0-G0
			II-FR-HS	5300	124	B0-U0-G1	5742	134	B1-U0-G1	5889	137	B1-U0-G1	6036	141	B1-U0-G1		1718	52	B0-U0-G0
			III-M-HS	5271	123	B0-U0-G2	5711	133	B0-U0-G2	5857	137	B0-U0-G2	6003	140	B0-U0-G2		1709	52	B0-U0-G1
			III-W-HS	5160	120	B0-U0-G2	5590	130	B0-U0-G2	5733	134	B0-U0-G2	5876	137	B0-U0-G2		1672	51	B0-U0-G1
			IV-HS	5444	127	B0-U0-G2	5899	137	B0-U0-G2	6050	141	B0-U0-G2	6201	145	B0-U0-G2		1765	53	B0-U0-G1
			IV-CL-XHS	4776	111	B0-U0-G1	5175	121	B0-U0-G1	5307	124	B0-U0-G1	5440	127	B0-U0-G1		1548	47	B0-U0-G0
			IV-FT-HS	5145	120	B0-U0-G2	5575	130	B0-U0-G2	5717	133	B0-U0-G2	5860	137	B0-U0-G2		1668	51	B0-U0-G1
40	525	64.8	II	10285	159	B2-U0-G2	11143	172	B2-U0-G2	11428	176	B2-U0-G2	11714	181	B2-U0-G2	51.0	2710	53	B1-U0-G1
			II-FR	10354	160	B2-U0-G1	11218	173	B2-U0-G1	11505	178	B3-U0-G1	11793	182	B3-U0-G1		2728	53	B1-U0-G1
			II-ML	10286	159	B3-U0-G3	11144	172	B3-U0-G3	11429	176	B3-U0-G3	11715	181	B3-U0-G3		2710	53	B1-U0-G1
			III-M	10465	162	B2-U0-G2	11338	175	B2-U0-G2	11628	179	B2-U0-G2	11919	184	B2-U0-G2		2757	54	B1-U0-G1
			III-W	9717	150	B2-U0-G2	10527	162	B2-U0-G2	10797	167	B2-U0-G2	11067	171	B2-U0-G2		2560	50	B1-U0-G1
			IV	10387	160	B2-U0-G2	11253	174	B2-U0-G2	11541	178	B2-U0-G2	11830	183	B2-U0-G2		2736	54	B1-U0-G1
			IV-CL	10398	160	B2-U0-G1	11265	174	B2-U0-G1	11554	178	B2-U0-G1	11843	183	B2-U0-G1		2739	54	B1-U0-G0
			IV-FT	9461	146	B2-U0-G2	10250	158	B2-U0-G2	10513	162	B2-U0-G2	10776	166	B2-U0-G2		2493	49	B1-U0-G1
			VSQ-N	10856	168	B3-U0-G1	11761	181	B3-U0-G1	12062	186	B3-U0-G1	12364	191	B3-U0-G1		2860	56	B1-U0-G0
			VSQ-M	10645	164	B4-U0-G2	11533	178	B4-U0-G2	11828	183	B4-U0-G2	12124	187	B4-U0-G2		2805	55	B2-U0-G1
			VSQ-W	10391	160	B4-U0-G2	11258	174	B4-U0-G2	11546	178	B4-U0-G2	11835	183	B4-U0-G2		2738	54	B2-U0-G1
			II-HS	7522	116	B1-U0-G2	8150	126	B1-U0-G2	8358	129	B1-U0-G2	8567	132	B1-U0-G2		1982	39	B0-U0-G1
			II-FR-HS	7652	118	B1-U0-G1	8290	128	B1-U0-G1	8502	131	B1-U0-G1	8715	134	B1-U0-G1		2016	40	B0-U0-G0
			III-M-HS	7610	117	B1-U0-G2	8245	127	B1-U0-G2	8456	130	B1-U0-G2	8667	134	B1-U0-G2		2005	39	B0-U0-G1
			III-W-HS	7449	115	B0-U0-G2	8070	125	B1-U0-G2	8277	128	B1-U0-G2	8484	131	B1-U0-G2		1962	38	B0-U0-G1
			IV-HS	7861	121	B1-U0-G2	8516	131	B1-U0-G2	8734	135	B1-U0-G2	8952	138	B1-U0-G2		2071	41	B0-U0-G1
			IV-CL-XHS	6896	106	B0-U0-G1	7471	115	B0-U0-G1	7662	118	B0-U0-G1	7854	121	B0-U0-G1		1817	36	B0-U0-G0
			IV-FT-HS	7428	115	B1-U0-G2	8048	124	B1-U0-G2	8254	127	B1-U0-G2	8460	131	B1-U0-G2		1957	38	B0-U0-G1
40	700	86.8	II	13135	151	B2-U0-G2	14230	164	B2-U0-G2	14595	168	B3-U0-G2	14959	172	B3-U0-G2				
			II-FR	13223	152	B3-U0-G1	14325	165	B3-U0-G1	14692	169	B3-U0-G1	15060	174	B3-U0-G2				
			II-ML	13135	151	B3-U0-G3	14230	164	B3-U0-G3	14595	168	B4-U0-G4	14960	172	B4-U0-G4				
			III-M	13365	154	B2-U0-G2	14479	167	B2-U0-G2	14850	171	B2-U0-G2	15221	175	B2-U0-G2				
			III-W	12409	143	B2-U0-G3	13444	155	B2-U0-G3	13789	159	B2-U0-G3	14133	163	B2-U0-G3				
			IV	13264	153	B2-U0-G2	14370	166	B2-U0-G2	14738	170	B2-U0-G2	15107	174	B2-U0-G2				
			IV-CL	13279	153	B2-U0-G2	14386	166	B3-U0-G2	14755	170	B3-U0-G2	15124	174	B3-U0-G2				
			IV-FT	12083	139	B2-U0-G2	13090	151	B2-U0-G3	13426	155	B2-U0-G3	13761	159	B2-U0-G3				
			VSQ-N	13864	160	B3-U0-G1	15019	173	B3-U0-G1	15404	177	B3-U0-G1	15790	182	B4-U0-G1				
			VSQ-M	13595	157	B4-U0-G2	14728	170	B4-U0-G2	15106	174	B4-U0-G2	15483	178	B4-U0-G2				
			VSQ-W	13270	153	B4-U0-G3	14376	166	B4-U0-G3	14745	170	B4-U0-G3	15114	174	B4-U0-G3				
			II-HS	9606	111	B1-U0-G2	10407	120	B1-U0-G2	10674	123	B1-U0-G2	10941	126	B1-U0-G2				
			II-FR-HS	9772	113	B1-U0-G1	10586	122	B1-U0-G1	10858	125	B1-U0-G1	11129	128	B1-U0-G1				
			III-M-HS	9719	112	B1-U0-G2	10529	121	B1-U0-G2	10799	124	B1-U0-G2	11069	128	B1-U0-G2				
			III-W-HS	9513	110	B1-U0-G2	10306	119	B1-U0-G3	10570	122	B1-U0-G3	10834	125	B1-U0-G3				
			IV-HS	10038	116	B1-U0-G2	10875	125	B1-U0-G2	11154	128	B1-U0-G2	11432	132	B1-U0-G2				
			IV-CL-XHS	8806	101	B0-U0-G2	9541	110	B0-U0-G2	9785	113	B0-U0-G2	10030	116	B0-U0-G2				
			IV-FT-HS	9487	109	B1-U0-G3	10278	118	B1-U0-G3	10541	121	B1-U0-G3	10804	124	B1-U0-G3				
40	875	110.8	II	15851	143	B3-U0-G2	17173	155	B3-U0-G3	17613	159	B3-U0-G3	18053	163	B3-U0-G3				
			II-FR	15958	144	B3-U0-G2	17288	156	B3-U0-G2	17731	160	B3-U0-G2	18174	164	B3-U0-G2				
			II-ML	15852	143	B4-U0-G4	17173	155	B4-U0-G4	17613	159	B4-U0-G4	18053	163	B4-U0-G4				
			III-M	16129	146	B3-U0-G3	17473	158	B3-U0-G3	17921	162	B3-U0-G3	18369	166	B3-U0-G3				
			III-W	14975	135	B2-U0-G3	16224	146	B3-U0-G3	16640	150	B3-U0-G3	17055	154	B3-U0-G3				
			IV	16008	144	B3-U0-G2	17342	157	B3-U0-G3	17786	161	B3-U0-G3	18231	165	B3-U0-G3				
			IV-CL	16025	145	B3-U0-G2	17361	157	B3-U0-G2	17806	161	B3-U0-G2	18251	165	B3-U0-G2				
			IV-FT	14581	132	B2-U0-G3	15797	143	B3-U0-G3	16202	146	B3-U0-G3	16607	150	B3-U0-G3				
			VSQ-N	16730	151	B4-U0-G1	18125	164	B4-U0-G2	18590	168	B4-U0-G2	19054	172	B4-U0-G2				
			VSQ-M	16406	148	B4-U0-G2	17773	160	B4-U0-G2	18229	165	B4-U0-G2	18685	169	B4-U0-G2				
			VSQ-W	16014	145	B4-U0-G3	17349	157	B5-U0-G3	17794	161	B5-U0-G3	18239	165	B5-U0-G3				
			II-HS	11593	105	B1-U0-G2	12560	113	B1-U0-G2	12881	116	B1-U0-G2	13203	119	B1-U0-G3				
			II-FR-HS	11793	106	B1-U0-G2	12776	115	B1-U0-G2	13103	118	B1-U0-G2	13431	121	B1-U0-G2				
			III-M-HS	11729	106	B1-U0-G3	12707	115	B1-U0-G3	13032	118	B1-U0-G3	13358	121	B1-U0-G3				
			III-W-HS	11480	104	B1-U0-G3	12437	112	B1-U0-G3	12756	115	B1-U0-G3	13075	118	B1-U0-G3				
			IV-HS	12114	109	B1-U0-G2	13124	118	B1-U0-G3	13461	121	B1-U0-G3	13797	125	B1-U0-G3				
			IV-CL-XHS	10628	96	B0-U0-G2	11514	104	B0-U0-G2	11809	107	B0-U0-G2	12104	109	B0-U0-G2				
			IV-FT-HS	11448	103	B1-U0-G3	12403	112	B1-U0-G3	12721	115	B1-U0-G3	13039	118	B1-U0-G3				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-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
40	1050	134.8	II	18144	135	B3-U0-G3	19657	146	B3-U0-G3	20161	150	B3-U0-G3	20664	153	B3-U0-G3				
			II-FR	18266	136	B3-U0-G2	19789	147	B3-U0-G2	20296	151	B3-U0-G2	20803	154	B3-U0-G2				
			II-ML	18145	135	B4-U0-G4	19657	146	B4-U0-G4	20161	150	B4-U0-G4	20666	153	B4-U0-G4				
			III-M	18462	137	B3-U0-G3	20001	148	B3-U0-G3	20513	152	B3-U0-G3	21026	156	B3-U0-G3				
			III-W	17142	127	B3-U0-G3	18571	138	B3-U0-G4	19047	141	B3-U0-G4	19523	145	B3-U0-G4				
			IV	18323	136	B3-U0-G3	19850	147	B3-U0-G3	20359	151	B3-U0-G3	20868	155	B3-U0-G3				
			IV-CL	18343	136	B3-U0-G2	19872	147	B3-U0-G2	20382	151	B3-U0-G2	20891	155	B3-U0-G2				
			IV-FT	16691	124	B3-U0-G3	18082	134	B3-U0-G3	18546	138	B3-U0-G3	19009	141	B3-U0-G4				
			VSQ-N	19151	142	B4-U0-G2	20747	154	B4-U0-G2	21279	158	B4-U0-G2	21811	162	B4-U0-G2				
			VSQ-M	18780	139	B4-U0-G2	20345	151	B4-U0-G2	20866	155	B4-U0-G2	21388	159	B5-U0-G3				
			VSQ-W	18331	136	B5-U0-G3	19859	147	B5-U0-G3	20368	151	B5-U0-G3	20877	155	B5-U0-G3				
			II-HS	13270	98	B1-U0-G3	14376	107	B1-U0-G3	14745	109	B1-U0-G3	15113	112	B1-U0-G3				
			II-FR-HS	13498	100	B1-U0-G2	14624	108	B1-U0-G2	14999	111	B1-U0-G2	15374	114	B1-U0-G2				
			III-M-HS	13425	100	B1-U0-G3	14545	108	B1-U0-G3	14917	111	B1-U0-G3	15290	113	B1-U0-G3				
			III-W-HS	13141	97	B1-U0-G3	14236	106	B1-U0-G3	14601	108	B1-U0-G3	14966	111	B1-U0-G4				
			IV-HS	13867	103	B1-U0-G3	15022	111	B1-U0-G3	15407	114	B1-U0-G3	15793	117	B1-U0-G3				
			IV-CL-XHS	12165	90	B0-U0-G2	13179	98	B0-U0-G2	13517	100	B0-U0-G2	13855	103	B0-U0-G2				
			IV-FT-HS	13105	97	B1-U0-G3	14197	105	B1-U0-G4	14561	108	B1-U0-G4	14925	111	B1-U0-G4				
40	1225	158.9	II	20371	128	B3-U0-G3	22069	139	B3-U0-G3	22634	142	B3-U0-G3	23200	146	B3-U0-G3				
			II-FR	20507	129	B3-U0-G2	22217	140	B3-U0-G2	22786	143	B3-U0-G2	23356	147	B3-U0-G2				
			II-ML	20371	128	B4-U0-G4	22069	139	B4-U0-G4	22635	142	B4-U0-G4	23201	146	B4-U0-G4				
			III-M	20727	130	B3-U0-G3	22455	141	B3-U0-G3	23030	145	B3-U0-G3	23606	149	B3-U0-G3				
			III-W	19245	121	B3-U0-G4	20849	131	B3-U0-G4	21384	135	B3-U0-G4	21918	138	B3-U0-G4				
			IV	20571	129	B3-U0-G3	22286	140	B3-U0-G3	22857	144	B3-U0-G3	23429	147	B3-U0-G3				
			IV-CL	20594	130	B3-U0-G2	22311	140	B3-U0-G2	22883	144	B3-U0-G2	23455	148	B3-U0-G2				
			IV-FT	18739	118	B3-U0-G3	20301	128	B3-U0-G4	20821	131	B3-U0-G4	21342	134	B3-U0-G4				
			VSQ-N	21500	135	B4-U0-G2	23293	147	B4-U0-G2	23890	150	B4-U0-G2	24487	154	B4-U0-G2				
			VSQ-M	21084	133	B4-U0-G2	22841	144	B5-U0-G3	23427	147	B5-U0-G3	24012	151	B5-U0-G3				
			VSQ-W	20580	130	B5-U0-G3	22295	140	B5-U0-G3	22867	144	B5-U0-G3	23439	148	B5-U0-G3				
			II-HS	14898	94	B1-U0-G3	16140	102	B1-U0-G3	16554	104	B1-U0-G3	16967	107	B1-U0-G3				
			II-FR-HS	15155	95	B1-U0-G2	16418	103	B1-U0-G2	16839	106	B1-U0-G2	17260	109	B1-U0-G2				
			III-M-HS	15073	95	B1-U0-G3	16329	103	B1-U0-G3	16748	105	B1-U0-G3	17166	108	B1-U0-G3				
			III-W-HS	14753	93	B1-U0-G4	15983	101	B1-U0-G4	16393	103	B1-U0-G4	16802	106	B1-U0-G4				
			IV-HS	15568	98	B1-U0-G3	16866	106	B1-U0-G3	17298	109	B1-U0-G3	17730	112	B1-U0-G3				
			IV-CL-XHS	13658	86	B0-U0-G2	14796	93	B0-U0-G2	15175	96	B0-U0-G2	15555	98	B0-U0-G2				
			IV-FT-HS	14713	93	B1-U0-G4	15939	100	B1-U0-G4	16348	103	B1-U0-G4	16756	105	B1-U0-G4				
40	1400	183.1	II	22263	122	B3-U0-G3	24119	132	B3-U0-G3	24737	135	B3-U0-G3	25355	138	B3-U0-G3				
			II-FR	22412	122	B3-U0-G2	24281	133	B3-U0-G2	24903	136	B3-U0-G2	25526	139	B3-U0-G2				
			II-ML	22264	122	B4-U0-G4	24119	132	B4-U0-G4	24738	135	B4-U0-G4	25356	138	B4-U0-G4				
			III-M	22652	124	B3-U0-G3	24541	134	B3-U0-G4	25170	137	B3-U0-G4	25799	141	B3-U0-G4				
			III-W	21033	115	B3-U0-G4	22786	124	B3-U0-G4	23370	128	B3-U0-G4	23955	131	B3-U0-G4				
			IV	22483	123	B3-U0-G3	24356	133	B3-U0-G4	24981	136	B3-U0-G4	25605	140	B3-U0-G4				
			IV-CL	22507	123	B3-U0-G2	24384	133	B3-U0-G2	25009	137	B3-U0-G2	25634	140	B3-U0-G2				
			IV-FT	20480	112	B3-U0-G4	22187	121	B3-U0-G4	22755	124	B3-U0-G4	23324	127	B3-U0-G4				
			VSQ-N	23498	128	B4-U0-G2	25456	139	B4-U0-G2	26109	143	B4-U0-G2	26762	146	B4-U0-G2				
			VSQ-M	23042	126	B5-U0-G3	24963	136	B5-U0-G3	25603	140	B5-U0-G3	26243	143	B5-U0-G3				
			VSQ-W	22492	123	B5-U0-G3	24367	133	B5-U0-G3	24991	136	B5-U0-G3	25616	140	B5-U0-G4				
			II-HS	16282	89	B1-U0-G3	17640	96	B1-U0-G3	18092	99	B1-U0-G3	18544	101	B1-U0-G3				
			II-FR-HS	16562	90	B1-U0-G2	17943	98	B1-U0-G2	18403	101	B1-U0-G2	18863	103	B1-U0-G2				
			III-M-HS	16473	90	B1-U0-G3	17846	97	B1-U0-G4	18304	100	B1-U0-G4	18761	102	B1-U0-G4				
			III-W-HS	16124	88	B1-U0-G4	17468	95	B1-U0-G4	17916	98	B1-U0-G4	18363	100	B1-U0-G4				
			IV-HS	17014	93	B1-U0-G3	18433	101	B1-U0-G3	18905	103	B1-U0-G3	19378	106	B1-U0-G4				
			IV-CL-XHS	14926	82	B0-U0-G2	16171	88	B1-U0-G2	16585	91	B1-U0-G2	17000	93	B1-U0-G2				
			IV-FT-HS	16079	88	B1-U0-G4	17420	95	B1-U0-G4	17866	98	B1-U0-G4	18313	100	B1-U0-G4				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-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
80	350	85.8	II	13806	161	B2-U0-G2	14957	174	B3-U0-G2	15341	179	B3-U0-G2	15724	183	B3-U0-G2	67.0	4475	67	B1-U0-G1
			II-FR	13899	162	B3-U0-G1	15058	176	B3-U0-G2	15444	180	B3-U0-G2	15830	184	B3-U0-G2		4505	67	B1-U0-G1
			II-ML	13807	161	B3-U0-G3	14958	174	B4-U0-G4	15341	179	B4-U0-G4	15725	183	B4-U0-G4		4475	67	B2-U0-G2
			III-M	14048	164	B2-U0-G2	15219	177	B2-U0-G2	15609	182	B3-U0-G2	15999	186	B3-U0-G3		4553	68	B1-U0-G1
			III-W	13043	152	B2-U0-G3	14131	165	B2-U0-G3	14493	169	B2-U0-G3	14855	173	B2-U0-G3		4228	63	B1-U0-G1
			IV	13942	162	B2-U0-G2	15105	176	B2-U0-G2	15492	181	B3-U0-G2	15879	185	B3-U0-G2		4519	67	B1-U0-G1
			IV-CL	13958	163	B3-U0-G2	15122	176	B3-U0-G2	15509	181	B3-U0-G2	15897	185	B3-U0-G2		4524	68	B1-U0-G1
			IV-FT	12701	148	B2-U0-G3	13759	160	B2-U0-G3	14112	164	B2-U0-G3	14465	169	B2-U0-G3		4117	61	B1-U0-G1
			VSQ-N	14572	170	B3-U0-G1	15787	184	B4-U0-G1	16192	189	B4-U0-G1	16597	193	B4-U0-G1		4723	70	B2-U0-G1
			VSQ-M	14290	167	B4-U0-G2	15481	180	B4-U0-G2	15878	185	B4-U0-G2	16275	190	B4-U0-G2		4632	69	B3-U0-G1
			VSQ-W	13949	163	B4-U0-G3	15111	176	B4-U0-G3	15499	181	B4-U0-G3	15886	185	B4-U0-G3		4521	67	B3-U0-G1
			II-HS	10097	118	B1-U0-G2	10939	127	B1-U0-G2	11220	131	B1-U0-G2	11500	134	B1-U0-G2		3273	49	B0-U0-G1
			II-FR-HS	10271	120	B1-U0-G1	11128	130	B1-U0-G1	11413	133	B1-U0-G2	11698	136	B1-U0-G2		3329	50	B0-U0-G1
			III-M-HS	10216	119	B1-U0-G2	11067	129	B1-U0-G2	11351	132	B1-U0-G2	11634	136	B1-U0-G3		3311	49	B0-U0-G1
			III-W-HS	9999	117	B1-U0-G3	10833	126	B1-U0-G3	11111	129	B1-U0-G3	11388	133	B1-U0-G3		3241	48	B0-U0-G1
			IV-HS	10551	123	B1-U0-G2	11431	133	B1-U0-G2	11724	137	B1-U0-G2	12017	140	B1-U0-G2		3420	51	B0-U0-G1
			IV-CL-XHS	9256	108	B0-U0-G2	10028	117	B0-U0-G2	10285	120	B0-U0-G2	10542	123	B0-U0-G2		3000	45	B0-U0-G1
			IV-FT-HS	9972	116	B1-U0-G3	10803	126	B1-U0-G3	11080	129	B1-U0-G3	11357	132	B1-U0-G3		3232	48	B0-U0-G1
80	525	129.7	II	19933	154	B3-U0-G3	21595	166	B3-U0-G3	22148	171	B3-U0-G3	22702	175	B3-U0-G3	101.0	5251	52	B1-U0-G1
			II-FR	20067	155	B3-U0-G2	21739	168	B3-U0-G2	22297	172	B3-U0-G2	22854	176	B3-U0-G2		5287	52	B1-U0-G1
			II-ML	19934	154	B4-U0-G4	21595	167	B4-U0-G4	22149	171	B4-U0-G4	22703	175	B4-U0-G4		5252	52	B2-U0-G2
			III-M	20282	156	B3-U0-G3	21972	169	B3-U0-G3	22536	174	B3-U0-G3	23099	178	B3-U0-G3		5343	53	B1-U0-G1
			III-W	18832	145	B3-U0-G4	20402	157	B3-U0-G4	20925	161	B3-U0-G4	21448	165	B3-U0-G4		4961	49	B1-U0-G2
			IV	20130	155	B3-U0-G3	21808	168	B3-U0-G3	22367	172	B3-U0-G3	22926	177	B3-U0-G3		5303	53	B1-U0-G1
			IV-CL	20152	155	B3-U0-G2	21832	168	B3-U0-G2	22391	173	B3-U0-G2	22951	177	B3-U0-G2		5309	53	B1-U0-G1
			IV-FT	18337	141	B3-U0-G3	19865	153	B3-U0-G4	20374	157	B3-U0-G4	20883	161	B3-U0-G4		4831	48	B1-U0-G2
			VSQ-N	21039	162	B4-U0-G2	22792	176	B4-U0-G2	23377	180	B4-U0-G2	23961	185	B4-U0-G2		5543	55	B2-U0-G1
			VSQ-M	20631	159	B4-U0-G2	22351	172	B5-U0-G3	22924	177	B5-U0-G3	23496	181	B5-U0-G3		5435	54	B3-U0-G1
			VSQ-W	20138	155	B5-U0-G3	21817	168	B5-U0-G3	22376	173	B5-U0-G3	22935	177	B5-U0-G3		5305	53	B3-U0-G1
			II-HS	14578	112	B1-U0-G3	15793	122	B1-U0-G3	16198	125	B1-U0-G3	16603	128	B1-U0-G3		3841	38	B0-U0-G1
			II-FR-HS	14829	114	B1-U0-G2	16066	124	B1-U0-G2	16477	127	B1-U0-G2	16889	130	B1-U0-G2		3907	39	B0-U0-G1
			III-M-HS	14749	114	B1-U0-G3	15978	123	B1-U0-G3	16388	126	B1-U0-G3	16797	130	B1-U0-G3		3886	38	B0-U0-G1
			III-W-HS	14436	111	B1-U0-G3	15640	121	B1-U0-G4	16041	124	B1-U0-G4	16442	127	B1-U0-G4		3803	38	B0-U0-G2
			IV-HS	15233	117	B1-U0-G3	16503	127	B1-U0-G3	16926	131	B1-U0-G3	17349	134	B1-U0-G3		4013	40	B0-U0-G1
			IV-CL-XHS	13364	103	B0-U0-G2	14478	112	B0-U0-G2	14850	114	B0-U0-G2	15221	117	B0-U0-G2		3521	35	B0-U0-G1
			IV-FT-HS	14396	111	B1-U0-G4	15597	120	B1-U0-G4	15996	123	B1-U0-G4	16396	126	B1-U0-G4		3793	38	B0-U0-G2
80	700	173.5	II	25456	147	B3-U0-G3	27577	159	B3-U0-G4	28284	163	B3-U0-G4	28992	167	B4-U0-G4				
			II-FR	25627	148	B3-U0-G2	27763	160	B3-U0-G2	28474	164	B4-U0-G2	29186	168	B4-U0-G2				
			II-ML	25457	147	B4-U0-G4	27579	159	B4-U0-G4	28286	163	B4-U0-G4	28993	167	B5-U0-G5				
			III-M	25901	149	B3-U0-G4	28060	162	B3-U0-G4	28779	166	B3-U0-G4	29499	170	B3-U0-G4				
			III-W	24049	139	B3-U0-G4	26054	150	B3-U0-G4	26722	154	B3-U0-G4	27390	158	B3-U0-G4				
			IV	25707	148	B3-U0-G4	27849	161	B3-U0-G4	28563	165	B3-U0-G4	29277	169	B3-U0-G4				
			IV-CL	25735	148	B3-U0-G2	27880	161	B3-U0-G2	28595	165	B3-U0-G2	29310	169	B3-U0-G2				
			IV-FT	23417	135	B3-U0-G4	25369	146	B3-U0-G4	26019	150	B3-U0-G4	26669	154	B3-U0-G4				
			VSQ-N	26868	155	B5-U0-G2	29107	168	B5-U0-G2	29853	172	B5-U0-G2	30600	176	B5-U0-G2				
			VSQ-M	26347	152	B5-U0-G3	28543	165	B5-U0-G3	29275	169	B5-U0-G3	30006	173	B5-U0-G3				
			VSQ-W	25717	148	B5-U0-G4	27861	161	B5-U0-G4	28575	165	B5-U0-G4	29290	169	B5-U0-G4				
			II-HS	18617	107	B1-U0-G3	20169	116	B1-U0-G4	20686	119	B1-U0-G4	21203	122	B2-U0-G4				
			II-FR-HS	18938	109	B1-U0-G2	20516	118	B1-U0-G2	21042	121	B1-U0-G2	21568	124	B1-U0-G2				
			III-M-HS	18835	109	B1-U0-G4	20405	118	B1-U0-G4	20928	121	B1-U0-G4	21451	124	B1-U0-G4				
			III-W-HS	18436	106	B1-U0-G4	19973	115	B1-U0-G4	20485	118	B1-U0-G4	20997	121	B1-U0-G4				
			IV-HS	19454	112	B1-U0-G4	21076	121	B1-U0-G4	21616	125	B1-U0-G4	22156	128	B1-U0-G4				
			IV-CL-XHS	17067	98	B1-U0-G2	18490	107	B1-U0-G2	18964	109	B1-U0-G2	19438	112	B1-U0-G2				
			IV-FT-HS	18385	106	B1-U0-G4	19918	115	B1-U0-G4	20429	118	B1-U0-G4	20939	121	B1-U0-G4				
80	875	221.5	II	30720	139	B4-U0-G4	33280	150	B4-U0-G4	34133	154	B4-U0-G4	34987	158	B4-U0-G4				
			II-FR	30926	140	B4-U0-G2	33504	151	B4-U0-G2	34363	155	B4-U0-G2	35221	159	B4-U0-G2				
			II-ML	30721	139	B5-U0-G5	33281	150	B5-U0-G5	34135	154	B5-U0-G5	34988	158	B5-U0-G5				
			III-M	31257	141	B4-U0-G4	33862	153	B4-U0-G4	34730	157	B4-U0-G4	35598	161	B4-U0-G4				
			III-W	29022	131	B3-U0-G4	31441	142	B3-U0-G5	32247	146	B3-U0-G5	33054	149	B3-U0-G5				
			IV	31023	140	B4-U0-G4	33608	152	B4-U0-G4	34470	156	B4-U0-G4	35331	160	B4-U0-G4				
			IV-CL	31057	140	B3-U0-G2	33645	152	B4-U0-G3	34508	156	B4-U0-G3	35371	160	B4-U0-G3				
			IV-FT	28259	128	B3-U0-G4	30614	138	B3-U0-G5	31399	142	B3-U0-G5	32184	145	B3-U0-G5				
			VSQ-N	32423	146	B5-U0-G2	35126	159	B5-U0-G2	36026	163	B5-U0-G2	36927	167	B5-U0-G2				
			VSQ-M	31795	144	B5-U0-G4	34445	156	B5-U0-G4	35328	159	B5-U0-G4	36211	163	B5-U0-G4				
			VSQ-W	31036	140	B5-U0-G4	33622	152	B5-U0-G4	34484	156	B5-U0-G4	35347	160	B5-U0-G4				
			II-HS	22467	101	B2-U0-G4	24340	110	B2-U0-G4	24964	113	B2-U0-G4	25588	116	B2-U0-G4				
			II-FR-HS	22854	103	B1-U0-G2	24759	112	B1-U0-G2	25394	115	B1-U0-G2	26028	118	B2-U0-G2				
			III-M-HS	22730	103	B1-U0-G4	24625	111	B1-U0-G4	25256	114	B1-U0-G4	25887	117	B1-U0-G4				
			III-W-HS	22249	100	B1-U0-G4	24103	109	B1-U0-G5	24721	112	B1-U0-G5	25339	114	B1-U0-G5				
			IV-HS	23477	106	B1-U0-G4	25434	115	B1-U0-G4	26086	118	B1-U0-G4	26738	121	B1-U0-G4				
			IV-CL-XHS	20596	93	B1-U0-G2	22313	101	B1-U0-G2	22885	103	B1-U0-G3	23457	106	B1-U0-G3				
			IV-ET-HS	22187	100	B1-U0-G5	24036	109	B1-U0-G5	24653	111	B1-U0-G5	25269	114	B1-U0-G5				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-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
80	1050	269.5	II	35164	130	B4-U0-G4	38094	141	B4-U0-G4	39071	145	B4-U0-G4	40048	149	B4-U0-G4				
			II-FR	35400	131	B4-U0-G2	38350	142	B4-U0-G2	39333	146	B4-U0-G2	40317	150	B4-U0-G3				
			II-ML	35165	130	B5-U0-G5	38096	141	B5-U0-G5	39073	145	B5-U0-G5	40049	149	B5-U0-G5				
			III-M	35779	133	B4-U0-G4	38761	144	B4-U0-G5	39754	148	B4-U0-G5	40748	151	B4-U0-G5				
			III-W	33221	123	B3-U0-G5	35990	134	B3-U0-G5	36913	137	B3-U0-G5	37835	140	B3-U0-G5				
			IV	35510	132	B4-U0-G4	38470	143	B4-U0-G4	39456	146	B4-U0-G5	40442	150	B4-U0-G5				
			IV-CL	35550	132	B4-U0-G3	38513	143	B4-U0-G3	39500	147	B4-U0-G3	40488	150	B4-U0-G3				
			IV-FT	32347	120	B3-U0-G5	35043	130	B3-U0-G5	35941	133	B3-U0-G5	36840	137	B4-U0-G5				
			VSQ-N	37114	138	B5-U0-G2	40207	149	B5-U0-G2	41238	153	B5-U0-G2	42269	157	B5-U0-G2				
			VSQ-M	36395	135	B5-U0-G4	39428	146	B5-U0-G4	40439	150	B5-U0-G4	41450	154	B5-U0-G4				
			VSQ-W	35525	132	B5-U0-G4	38486	143	B5-U0-G4	39473	146	B5-U0-G4	40460	150	B5-U0-G5				
			II-HS	25717	95	B2-U0-G4	27860	103	B2-U0-G4	28575	106	B2-U0-G4	29289	109	B2-U0-G4				
			II-FR-HS	26160	97	B2-U0-G2	28340	105	B2-U0-G2	29067	108	B2-U0-G2	29793	111	B2-U0-G2				
			III-M-HS	26018	97	B1-U0-G4	28187	105	B1-U0-G5	28909	107	B1-U0-G5	29632	110	B1-U0-G5				
			III-W-HS	25467	94	B1-U0-G5	27590	102	B1-U0-G5	28297	105	B1-U0-G5	29004	108	B1-U0-G5				
			IV-HS	26873	100	B1-U0-G4	29113	108	B1-U0-G4	29859	111	B1-U0-G4	30606	114	B1-U0-G4				
			IV-CL-XHS	23576	87	B1-U0-G3	25541	95	B1-U0-G3	26195	97	B1-U0-G3	26850	100	B1-U0-G3				
			IV-FT-HS	25397	94	B1-U0-G5	27514	102	B1-U0-G5	28219	105	B1-U0-G5	28924	107	B1-U0-G5				
80	1225	317.9	II	39478	124	B4-U0-G4	42768	135	B4-U0-G5	43865	138	B4-U0-G5	44962	141	B4-U0-G5				
			II-FR	39743	125	B4-U0-G2	43055	135	B4-U0-G3	44160	139	B4-U0-G3	45264	142	B4-U0-G3				
			II-ML	39480	124	B5-U0-G5	42770	135	B5-U0-G5	43867	138	B5-U0-G5	44963	141	B5-U0-G5				
			III-M	40169	126	B4-U0-G5	43517	137	B4-U0-G5	44632	140	B4-U0-G5	45748	144	B4-U0-G5				
			III-W	37297	117	B3-U0-G5	40406	127	B4-U0-G5	41442	130	B4-U0-G5	42478	134	B4-U0-G5				
			IV	39867	125	B4-U0-G5	43190	136	B4-U0-G5	44297	139	B4-U0-G5	45405	143	B4-U0-G5				
			IV-CL	39912	126	B4-U0-G3	43238	136	B4-U0-G3	44347	139	B4-U0-G3	45455	143	B4-U0-G3				
			IV-FT	36316	114	B3-U0-G5	39343	124	B4-U0-G5	40352	127	B4-U0-G5	41360	130	B4-U0-G5				
			VSQ-N	41668	131	B5-U0-G2	45141	142	B5-U0-G2	46298	146	B5-U0-G2	47455	149	B5-U0-G3				
			VSQ-M	40860	129	B5-U0-G4	44266	139	B5-U0-G4	45401	143	B5-U0-G4	46536	146	B5-U0-G4				
			VSQ-W	39884	125	B5-U0-G4	43208	136	B5-U0-G5	44316	139	B5-U0-G5	45424	143	B5-U0-G5				
			II-HS	28873	91	B2-U0-G4	31279	98	B2-U0-G4	32081	101	B2-U0-G5	32883	103	B2-U0-G5				
			II-FR-HS	29370	92	B2-U0-G2	31818	100	B2-U0-G3	32633	103	B2-U0-G3	33449	105	B2-U0-G3				
			III-M-HS	29211	92	B1-U0-G5	31645	100	B1-U0-G5	32457	102	B1-U0-G5	33268	105	B1-U0-G5				
			III-W-HS	28592	90	B1-U0-G5	30975	97	B1-U0-G5	31769	100	B1-U0-G5	32563	102	B1-U0-G5				
			IV-HS	30171	95	B1-U0-G4	32685	103	B1-U0-G5	33523	105	B2-U0-G5	34361	108	B2-U0-G5				
			IV-CL-XHS	26469	83	B1-U0-G3	28675	90	B1-U0-G3	29410	93	B1-U0-G3	30145	95	B1-U0-G3				
			IV-FT-HS	28513	90	B1-U0-G5	30890	97	B2-U0-G5	31682	100	B2-U0-G5	32474	102	B2-U0-G5				
80	1400	366.2	II	43146	118	B4-U0-G5	46742	128	B4-U0-G5	47940	131	B4-U0-G5	49138	134	B5-U0-G5				
			II-FR	43435	119	B4-U0-G3	47055	128	B4-U0-G3	48262	132	B4-U0-G3	49468	135	B4-U0-G3				
			II-ML	43147	118	B5-U0-G5	46743	128	B5-U0-G5	47942	131	B5-U0-G5	49140	134	B5-U0-G5				
			III-M	43900	120	B4-U0-G5	47559	130	B4-U0-G5	48778	133	B4-U0-G5	49998	137	B4-U0-G5				
			III-W	40762	111	B4-U0-G5	44159	121	B4-U0-G5	45291	124	B4-U0-G5	46424	127	B4-U0-G5				
			IV	43571	119	B4-U0-G5	47202	129	B4-U0-G5	48412	132	B4-U0-G5	49623	136	B4-U0-G5				
			IV-CL	43619	119	B4-U0-G3	47255	129	B4-U0-G3	48466	132	B4-U0-G3	49678	136	B4-U0-G3				
			IV-FT	39690	108	B4-U0-G5	42997	117	B4-U0-G5	44100	120	B4-U0-G5	45202	123	B4-U0-G5				
			VSQ-N	45539	124	B5-U0-G2	49334	135	B5-U0-G3	50599	138	B5-U0-G3	51864	142	B5-U0-G3				
			VSQ-M	44656	122	B5-U0-G4	48378	132	B5-U0-G4	49618	135	B5-U0-G4	50859	139	B5-U0-G5				
			VSQ-W	43589	119	B5-U0-G5	47222	129	B5-U0-G5	48433	132	B5-U0-G5	49644	136	B5-U0-G5				
			II-HS	31555	86	B2-U0-G5	34185	93	B2-U0-G5	35061	96	B2-U0-G5	35937	98	B2-U0-G5				
			II-FR-HS	32098	88	B2-U0-G3	34774	95	B2-U0-G3	35665	97	B2-U0-G3	36556	100	B2-U0-G3				
			III-M-HS	31924	87	B1-U0-G5	34585	94	B2-U0-G5	35472	97	B2-U0-G5	36358	99	B2-U0-G5				
			III-W-HS	31248	85	B1-U0-G5	33852	92	B1-U0-G5	34720	95	B1-U0-G5	35588	97	B2-U0-G5				
			IV-HS	32973	90	B1-U0-G5	35722	98	B2-U0-G5	36638	100	B2-U0-G5	37553	103	B2-U0-G5				
			IV-CL-XHS	28928	79	B1-U0-G3	31338	86	B1-U0-G3	32142	88	B1-U0-G3	32945	90	B1-U0-G3				
			IV-FT-HS	31162	85	B2-U0-G5	33759	92	B2-U0-G5	34625	95	B2-U0-G5	35490	97	B2-U0-G5				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-G-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
80	350	85.8	II	14248	166	B2-U0-G2	15436	180	B3-U0-G2	15832	185	B3-U0-G2	16227	189	B3-U0-G3	67.0	4618	69	B1-U0-G1
			II-FR	14344	167	B3-U0-G1	15540	181	B3-U0-G2	15938	186	B3-U0-G2	16336	190	B3-U0-G2		4649	69	B1-U0-G1
			II-ML	14249	166	B3-U0-G3	15437	180	B4-U0-G4	15832	185	B4-U0-G4	16228	189	B4-U0-G4		4618	69	B2-U0-G2
			III-M	14497	169	B2-U0-G2	15706	183	B3-U0-G2	16108	188	B3-U0-G3	16511	192	B3-U0-G3		4699	70	B1-U0-G1
			III-W	13461	157	B2-U0-G3	14583	170	B2-U0-G3	14957	174	B2-U0-G3	15331	179	B2-U0-G3		4363	65	B1-U0-G1
			IV	14389	168	B2-U0-G2	15588	182	B3-U0-G2	15988	186	B3-U0-G2	16387	191	B3-U0-G3		4664	70	B1-U0-G1
			IV-CL	14405	168	B3-U0-G2	15606	182	B3-U0-G2	16006	187	B3-U0-G2	16406	191	B3-U0-G2		4669	70	B1-U0-G1
			IV-FT	13107	153	B2-U0-G3	14200	165	B2-U0-G3	14564	170	B2-U0-G3	14928	174	B3-U0-G3		4248	63	B1-U0-G1
			VSQ-N	15039	175	B3-U0-G1	16293	190	B4-U0-G1	16710	195	B4-U0-G1	17128	200	B4-U0-G2		4875	73	B2-U0-G1
			VSQ-M	14747	172	B4-U0-G2	15976	186	B4-U0-G2	16386	191	B4-U0-G2	16795	196	B4-U0-G2		4780	71	B3-U0-G1
			VSQ-W	14395	168	B4-U0-G3	15595	182	B4-U0-G3	15995	186	B4-U0-G3	16394	191	B4-U0-G3		4666	70	B3-U0-G1
			II-HS	10421	121	B1-U0-G2	11289	132	B1-U0-G2	11579	135	B1-U0-G2	11868	138	B1-U0-G2		3377	50	B0-U0-G1
			II-FR-HS	10600	124	B1-U0-G1	11484	134	B1-U0-G2	11778	137	B1-U0-G2	12072	141	B1-U0-G2		3435	51	B0-U0-G1
			III-M-HS	10542	123	B1-U0-G2	11421	133	B1-U0-G2	11714	137	B1-U0-G3	12007	140	B1-U0-G3		3417	51	B0-U0-G1
			III-W-HS	10319	120	B1-U0-G3	11179	130	B1-U0-G3	11466	134	B1-U0-G3	11752	137	B1-U0-G3		3345	50	B0-U0-G1
			IV-HS	10889	127	B1-U0-G2	11797	137	B1-U0-G2	12099	141	B1-U0-G2	12401	145	B1-U0-G2		3529	53	B0-U0-G1
			IV-CL-XHS	9553	111	B0-U0-G2	10349	121	B0-U0-G2	10614	124	B0-U0-G2	10880	127	B0-U0-G2		3096	46	B0-U0-G1
			IV-FT-HS	10291	120	B1-U0-G3	11149	130	B1-U0-G3	11435	133	B1-U0-G3	11720	137	B1-U0-G3		3335	50	B0-U0-G2
80	525	129.7	II	20571	159	B3-U0-G3	22286	172	B3-U0-G3	22857	176	B3-U0-G3	23428	181	B3-U0-G3	101.0	5419	54	B1-U0-G1
			II-FR	20709	160	B3-U0-G2	22435	173	B3-U0-G2	23010	177	B3-U0-G2	23586	182	B3-U0-G2		5456	54	B1-U0-G1
			II-ML	20572	159	B4-U0-G4	22286	172	B4-U0-G4	22858	176	B4-U0-G4	23429	181	B4-U0-G4		5420	54	B2-U0-G2
			III-M	20931	161	B3-U0-G3	22675	175	B3-U0-G3	23257	179	B3-U0-G3	23838	184	B3-U0-G4		5514	55	B1-U0-G1
			III-W	19435	150	B3-U0-G4	21055	162	B3-U0-G4	21594	166	B3-U0-G4	22134	171	B3-U0-G4		5120	51	B1-U0-G2
			IV	20774	160	B3-U0-G3	22505	174	B3-U0-G3	23082	178	B3-U0-G3	23659	182	B3-U0-G3		5473	54	B1-U0-G1
			IV-CL	20797	160	B3-U0-G2	22530	174	B3-U0-G2	23108	178	B3-U0-G2	23686	183	B3-U0-G2		5479	54	B1-U0-G1
			IV-FT	18923	146	B3-U0-G4	20501	158	B3-U0-G4	21026	162	B3-U0-G4	21552	166	B3-U0-G4		4985	49	B1-U0-G2
			VSQ-N	21712	167	B4-U0-G2	23522	181	B4-U0-G2	24125	186	B4-U0-G2	24728	191	B4-U0-G2		5720	57	B2-U0-G1
			VSQ-M	21291	164	B5-U0-G3	23066	178	B5-U0-G3	23657	182	B5-U0-G3	24249	187	B5-U0-G3		5609	56	B3-U0-G1
			VSQ-W	20782	160	B5-U0-G3	22515	174	B5-U0-G3	23092	178	B5-U0-G3	23669	182	B5-U0-G3		5475	54	B3-U0-G1
			II-HS	15044	116	B1-U0-G3	16299	126	B1-U0-G3	16716	129	B1-U0-G3	17134	132	B1-U0-G3		3963	39	B0-U0-G1
			II-FR-HS	15304	118	B1-U0-G2	16580	128	B1-U0-G2	17004	131	B1-U0-G2	17429	134	B1-U0-G2		4032	40	B0-U0-G1
			III-M-HS	15221	117	B1-U0-G3	16490	127	B1-U0-G3	16912	130	B1-U0-G3	17335	134	B1-U0-G3		4010	40	B0-U0-G1
			III-W-HS	14898	115	B1-U0-G4	16140	124	B1-U0-G4	16554	128	B1-U0-G4	16968	131	B1-U0-G4		3925	39	B0-U0-G2
			IV-HS	15721	121	B1-U0-G3	17032	131	B1-U0-G3	17468	135	B1-U0-G3	17905	138	B1-U0-G3		4142	41	B0-U0-G1
			IV-CL-XHS	13792	106	B0-U0-G2	14942	115	B0-U0-G2	15325	118	B0-U0-G2	15708	121	B0-U0-G2		3633	36	B0-U0-G1
			IV-FT-HS	14857	115	B1-U0-G4	16096	124	B1-U0-G4	16508	127	B1-U0-G4	16921	130	B1-U0-G4		3914	39	B0-U0-G2
80	700	173.5	II	26270	151	B3-U0-G4	28460	164	B3-U0-G4	29190	168	B4-U0-G4	29919	172	B4-U0-G4				
			II-FR	26447	152	B3-U0-G2	28651	165	B4-U0-G2	29385	169	B4-U0-G2	30120	174	B4-U0-G2				
			II-ML	26272	151	B4-U0-G4	28461	164	B4-U0-G4	29191	168	B5-U0-G5	29921	172	B5-U0-G5				
			III-M	26730	154	B3-U0-G4	28958	167	B3-U0-G4	29700	171	B3-U0-G4	30443	175	B3-U0-G4				
			III-W	24819	143	B3-U0-G4	26888	155	B3-U0-G4	27577	159	B3-U0-G4	28266	163	B3-U0-G4				
			IV	26529	153	B3-U0-G4	28740	166	B3-U0-G4	29477	170	B3-U0-G4	30214	174	B3-U0-G4				
			IV-CL	26559	153	B3-U0-G2	28773	166	B3-U0-G2	29510	170	B3-U0-G2	30248	174	B3-U0-G2				
			IV-FT	24166	139	B3-U0-G4	26180	151	B3-U0-G4	26852	155	B3-U0-G4	27523	159	B3-U0-G4				
			VSQ-N	27727	160	B5-U0-G2	30038	173	B5-U0-G2	30808	178	B5-U0-G2	31578	182	B5-U0-G2				
			VSQ-M	27190	157	B5-U0-G3	29456	170	B5-U0-G3	30211	174	B5-U0-G3	30967	178	B5-U0-G3				
			VSQ-W	26540	153	B5-U0-G4	28752	166	B5-U0-G4	29490	170	B5-U0-G4	30227	174	B5-U0-G4				
			II-HS	19213	111	B1-U0-G3	20814	120	B2-U0-G4	21348	123	B2-U0-G4	21881	126	B2-U0-G4				
			II-FR-HS	19544	113	B1-U0-G2	21173	122	B1-U0-G2	21715	125	B1-U0-G2	22258	128	B1-U0-G2				
			III-M-HS	19438	112	B1-U0-G4	21058	121	B1-U0-G4	21598	124	B1-U0-G4	22138	128	B1-U0-G4				
			III-W-HS	19026	110	B1-U0-G4	20612	119	B1-U0-G4	21141	122	B1-U0-G4	21669	125	B1-U0-G4				
			IV-HS	20076	116	B1-U0-G4	21750	125	B1-U0-G4	22307	129	B1-U0-G4	22865	132	B1-U0-G4				
			IV-CL-XHS	17613	102	B1-U0-G2	19081	110	B1-U0-G2	19571	113	B1-U0-G2	20060	116	B1-U0-G2				
			IV-FT-HS	18974	109	B1-U0-G4	20555	118	B1-U0-G4	21082	122	B1-U0-G4	21609	125	B1-U0-G4				
80	875	221.5	II	31703	143	B4-U0-G4	34345	155	B4-U0-G4	35226	159	B4-U0-G4	36106	163	B4-U0-G4				
			II-FR	31916	144	B4-U0-G2	34576	156	B4-U0-G2	35462	160	B4-U0-G2	36349	164	B4-U0-G2				
			II-ML	31704	143	B5-U0-G5	34347	155	B5-U0-G5	35227	159	B5-U0-G5	36107	163	B5-U0-G5				
			III-M	32257	146	B4-U0-G4	34946	158	B4-U0-G4	35842	162	B4-U0-G4	36738	166	B4-U0-G4				
			III-W	29951	135	B3-U0-G5	32447	146	B3-U0-G5	33279	150	B3-U0-G5	34112	154	B3-U0-G5				
			IV	32015	145	B4-U0-G4	34684	157	B4-U0-G4	35573	161	B4-U0-G4	36462	165	B4-U0-G4				
			IV-CL	32051	145	B3-U0-G2	34722	157	B4-U0-G3	35612	161	B4-U0-G3	36503	165	B4-U0-G3				
			IV-FT	29163	132	B3-U0-G4	31594	143	B3-U0-G5	32404	146	B3-U0-G5	33214	150	B3-U0-G5				
			VSQ-N	33461	151	B5-U0-G2	36250	164	B5-U0-G2	37179	168	B5-U0-G2	38109	172	B5-U0-G2				
			VSQ-M	32813	148	B5-U0-G4	35547	160	B5-U0-G4	36459	165	B5-U0-G4	37370	169	B5-U0-G4				
			VSQ-W	32029	145	B5-U0-G4	34698	157	B5-U0-G4	35588	161	B5-U0-G4	36477	165	B5-U0-G4				
			II-HS	23186	105	B2-U0-G4	25119	113	B2-U0-G4	25763	116	B2-U0-G4	26406	119	B2-U0-G4				
			II-FR-HS	23585	106	B1-U0-G2	25551	115	B2-U0-G2	26206	118	B2-U0-G2	26861	121	B2-U0-G2				
			III-M-HS	23458	106	B1-U0-G4	25413	115	B1-U0-G4	26064	118	B1-U0-G4	26716	121	B1-U0-G4				
			III-W-HS	22960	104	B1-U0-G4	24874	112	B1-U0-G5	25512	115	B1-U0-G5	26150	118	B1-U0-G5				
			IV-HS	24229	109	B1-U0-G4	26248	119	B1-U0-G4	26921	122	B1-U0-G4	27594	125	B1-U0-G4				
			IV-CL-XHS	21255	96	B1-U0-G2	23027	104	B1-U0-G3	23617	107	B1-U0-G3	24208	109	B1-U0-G3				
			IV-FT-HS	22897	103	B1-U0-G5	24805	112	B1-U0-G5	25441	115	B1-U0-G5	26077	118	B1-U0-G5				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-G-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
80	1050	269.5	II	36289	135	B4-U0-G4	39313	146	B4-U0-G4	40321	150	B4-U0-G4	41329	153	B4-U0-G4				
			II-FR	36532	136	B4-U0-G2	39577	147	B4-U0-G2	40592	151	B4-U0-G3	41607	154	B4-U0-G3				
			II-ML	36290	135	B5-U0-G5	39315	146	B5-U0-G5	40323	150	B5-U0-G5	41331	153	B5-U0-G5				
			III-M	36924	137	B4-U0-G4	40001	148	B4-U0-G5	41027	152	B4-U0-G5	42052	156	B4-U0-G5				
			III-W	34284	127	B3-U0-G5	37141	138	B3-U0-G5	38094	141	B3-U0-G5	39046	145	B4-U0-G5				
			IV	36646	136	B4-U0-G4	39701	147	B4-U0-G5	40718	151	B4-U0-G5	41736	155	B4-U0-G5				
			IV-CL	36687	136	B4-U0-G3	39745	147	B4-U0-G3	40764	151	B4-U0-G3	41783	155	B4-U0-G3				
			IV-FT	33382	124	B3-U0-G5	36164	134	B3-U0-G5	37092	138	B4-U0-G5	38019	141	B4-U0-G5				
			VSQ-N	38302	142	B5-U0-G2	41494	154	B5-U0-G2	42558	158	B5-U0-G2	43622	162	B5-U0-G2				
			VSQ-M	37559	139	B5-U0-G4	40690	151	B5-U0-G4	41733	155	B5-U0-G4	42776	159	B5-U0-G4				
			VSQ-W	36662	136	B5-U0-G4	39718	147	B5-U0-G4	40736	151	B5-U0-G5	41754	155	B5-U0-G5				
			II-HS	26540	98	B2-U0-G4	28752	107	B2-U0-G4	29489	109	B2-U0-G4	30226	112	B2-U0-G4				
			II-FR-HS	26997	100	B2-U0-G2	29247	109	B2-U0-G2	29997	111	B2-U0-G2	30746	114	B2-U0-G2				
			III-M-HS	26851	100	B1-U0-G4	29088	108	B1-U0-G5	29834	111	B1-U0-G5	30580	113	B1-U0-G5				
			III-W-HS	26282	98	B1-U0-G5	28472	106	B1-U0-G5	29202	108	B1-U0-G5	29932	111	B1-U0-G5				
			IV-HS	27733	103	B1-U0-G4	30045	111	B1-U0-G4	30815	114	B1-U0-G4	31585	117	B1-U0-G5				
			IV-CL-XHS	24330	90	B1-U0-G3	26358	98	B1-U0-G3	27034	100	B1-U0-G3	27709	103	B1-U0-G3				
			IV-FT-HS	26210	97	B1-U0-G5	28394	105	B1-U0-G5	29122	108	B1-U0-G5	29850	111	B1-U0-G5				
80	1225	317.9	II	40742	128	B4-U0-G4	44137	139	B4-U0-G5	45269	142	B4-U0-G5	46400	146	B4-U0-G5				
			II-FR	41015	129	B4-U0-G3	44433	140	B4-U0-G3	45573	143	B4-U0-G3	46712	147	B4-U0-G3				
			II-ML	40743	128	B5-U0-G5	44139	139	B5-U0-G5	45270	142	B5-U0-G5	46402	146	B5-U0-G5				
			III-M	41454	130	B4-U0-G5	44909	141	B4-U0-G5	46061	145	B4-U0-G5	47212	149	B4-U0-G5				
			III-W	38491	121	B4-U0-G5	41699	131	B4-U0-G5	42768	135	B4-U0-G5	43837	138	B4-U0-G5				
			IV	41143	129	B4-U0-G5	44572	140	B4-U0-G5	45715	144	B4-U0-G5	46858	147	B4-U0-G5				
			IV-CL	41189	130	B4-U0-G3	44622	140	B4-U0-G3	45766	144	B4-U0-G3	46910	148	B4-U0-G3				
			IV-FT	37478	118	B4-U0-G5	40602	128	B4-U0-G5	41643	131	B4-U0-G5	42684	134	B4-U0-G5				
			VSQ-N	43001	135	B5-U0-G2	46585	147	B5-U0-G2	47779	150	B5-U0-G3	48974	154	B5-U0-G3				
			VSQ-M	42168	133	B5-U0-G4	45682	144	B5-U0-G4	46854	147	B5-U0-G4	48025	151	B5-U0-G4				
			VSQ-W	41160	129	B5-U0-G5	44591	140	B5-U0-G5	45734	144	B5-U0-G5	46878	147	B5-U0-G5				
			II-HS	29796	94	B2-U0-G4	32280	102	B2-U0-G5	33107	104	B2-U0-G5	33935	107	B2-U0-G5				
			II-FR-HS	30310	95	B2-U0-G2	32836	103	B2-U0-G3	33678	106	B2-U0-G3	34519	109	B2-U0-G3				
			III-M-HS	30146	95	B1-U0-G5	32658	103	B1-U0-G5	33495	105	B1-U0-G5	34332	108	B2-U0-G5				
			III-W-HS	29507	93	B1-U0-G5	31966	101	B1-U0-G5	32786	103	B1-U0-G5	33605	106	B1-U0-G5				
			IV-HS	31136	98	B1-U0-G5	33732	106	B2-U0-G5	34596	109	B2-U0-G5	35461	112	B2-U0-G5				
			IV-CL-XHS	27316	86	B1-U0-G3	29592	93	B1-U0-G3	30351	95	B1-U0-G3	31110	98	B1-U0-G3				
			IV-FT-HS	29426	93	B1-U0-G5	31878	100	B2-U0-G5	32695	103	B2-U0-G5	33513	105	B2-U0-G5				
80	1400	366.2	II	44526	122	B4-U0-G5	48237	132	B4-U0-G5	49474	135	B5-U0-G5	50711	138	B5-U0-G5				
			II-FR	44825	122	B4-U0-G3	48561	133	B4-U0-G3	49806	136	B4-U0-G3	51051	139	B4-U0-G3				
			II-ML	44528	122	B5-U0-G5	48239	132	B5-U0-G5	49476	135	B5-U0-G5	50713	138	B5-U0-G5				
			III-M	45305	124	B4-U0-G5	49081	134	B4-U0-G5	50339	137	B4-U0-G5	51598	141	B4-U0-G5				
			III-W	42066	115	B4-U0-G5	45573	124	B4-U0-G5	46741	128	B4-U0-G5	47909	131	B4-U0-G5				
			IV	44965	123	B4-U0-G5	48713	133	B4-U0-G5	49962	136	B4-U0-G5	51211	140	B4-U0-G5				
			IV-CL	45015	123	B4-U0-G3	48767	133	B4-U0-G3	50017	137	B4-U0-G4	51267	140	B4-U0-G4				
			IV-FT	40960	112	B4-U0-G5	44373	121	B4-U0-G5	45511	124	B4-U0-G5	46649	127	B4-U0-G5				
			VSQ-N	46996	128	B5-U0-G3	50913	139	B5-U0-G3	52218	143	B5-U0-G3	53524	146	B5-U0-G3				
			VSQ-M	46085	126	B5-U0-G4	49926	136	B5-U0-G4	51206	140	B5-U0-G5	52486	143	B5-U0-G5				
			VSQ-W	44984	123	B5-U0-G5	48733	133	B5-U0-G5	49983	136	B5-U0-G5	51233	140	B5-U0-G5				
			II-HS	32565	89	B2-U0-G5	35279	96	B2-U0-G5	36183	99	B2-U0-G5	37088	101	B2-U0-G5				
			II-FR-HS	33125	90	B2-U0-G3	35886	98	B2-U0-G3	36806	101	B2-U0-G3	37726	103	B2-U0-G3				
			III-M-HS	32946	90	B1-U0-G5	35692	97	B2-U0-G5	36607	100	B2-U0-G5	37522	102	B2-U0-G5				
			III-W-HS	32248	88	B1-U0-G5	34936	95	B1-U0-G5	35831	98	B2-U0-G5	36727	100	B2-U0-G5				
			IV-HS	34028	93	B2-U0-G5	36865	101	B2-U0-G5	37810	103	B2-U0-G5	38755	106	B2-U0-G5				
			IV-CL-XHS	29853	82	B1-U0-G3	32341	88	B1-U0-G3	33170	91	B1-U0-G3	34000	93	B1-U0-G4				
			IV-FT-HS	32159	88	B2-U0-G5	34839	95	B2-U0-G5	35733	98	B2-U0-G5	36626	100	B2-U0-G5				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-G-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
120	350	128.7	II	20710	161	B3-U0-G3	22436	174	B3-U0-G3	23011	179	B3-U0-G3	23586	183	B3-U0-G3	100.5	6712	67	B2-U0-G2
			II-FR	20849	162	B3-U0-G2	22587	175	B3-U0-G2	23166	180	B3-U0-G2	23745	184	B3-U0-G2		6757	67	B2-U0-G1
			II-ML	20711	161	B4-U0-G4	22437	174	B4-U0-G4	23012	179	B4-U0-G4	23587	183	B4-U0-G4		6713	67	B3-U0-G3
			III-M	21072	164	B3-U0-G3	22828	177	B3-U0-G3	23414	182	B3-U0-G3	23999	186	B3-U0-G4		6830	68	B2-U0-G2
			III-W	19566	152	B3-U0-G4	21196	165	B3-U0-G4	21740	169	B3-U0-G4	22283	173	B3-U0-G4		6341	63	B1-U0-G2
			IV	20914	163	B3-U0-G3	22657	176	B3-U0-G3	23238	181	B3-U0-G3	23819	185	B3-U0-G3		6779	67	B2-U0-G2
			IV-CL	20937	163	B3-U0-G2	22683	176	B3-U0-G2	23264	181	B3-U0-G2	23845	185	B3-U0-G2		6786	68	B2-U0-G1
			IV-FT	19051	148	B3-U0-G4	20639	160	B3-U0-G4	21168	164	B3-U0-G4	21697	169	B3-U0-G4		6175	61	B1-U0-G2
			VSQ-N	21859	170	B4-U0-G2	23681	184	B4-U0-G2	24288	189	B4-U0-G2	24895	193	B4-U0-G2		7085	70	B2-U0-G1
			VSQ-M	21435	167	B5-U0-G3	23221	180	B5-U0-G3	23817	185	B5-U0-G3	24412	190	B5-U0-G3		6948	69	B3-U0-G1
			VSQ-W	20923	163	B5-U0-G3	22667	176	B5-U0-G3	23248	181	B5-U0-G3	23829	185	B5-U0-G3		6782	67	B3-U0-G2
			II-HS	15146	118	B1-U0-G3	16409	127	B1-U0-G3	16829	131	B1-U0-G3	17250	134	B1-U0-G3		4909	49	B1-U0-G2
			II-FR-HS	15407	120	B1-U0-G2	16692	130	B1-U0-G2	17119	133	B1-U0-G2	17547	136	B1-U0-G2		4994	50	B0-U0-G1
			III-M-HS	15323	119	B1-U0-G3	16601	129	B1-U0-G3	17026	132	B1-U0-G3	17452	136	B1-U0-G4		4967	49	B0-U0-G2
			III-W-HS	14999	117	B1-U0-G4	16249	126	B1-U0-G4	16666	129	B1-U0-G4	17082	133	B1-U0-G4		4862	48	B0-U0-G2
			IV-HS	15827	123	B1-U0-G3	17146	133	B1-U0-G3	17586	137	B1-U0-G3	18025	140	B1-U0-G3		5130	51	B0-U0-G2
			IV-CL-XHS	13885	108	B0-U0-G2	15042	117	B0-U0-G2	15428	120	B0-U0-G2	15813	123	B1-U0-G2		4501	45	B0-U0-G1
			IV-FT-HS	14958	116	B1-U0-G4	16205	126	B1-U0-G4	16620	129	B1-U0-G4	17035	132	B1-U0-G4		4848	48	B0-U0-G2
120	525	194.6	II	29900	154	B4-U0-G4	32392	166	B4-U0-G4	33222	171	B4-U0-G4	34053	175	B4-U0-G4	151.5	7877	52	B2-U0-G2
			II-FR	30101	155	B4-U0-G2	32609	168	B4-U0-G2	33445	172	B4-U0-G2	34281	176	B4-U0-G2		7930	52	B2-U0-G1
			II-ML	29901	154	B5-U0-G5	32393	166	B5-U0-G5	33224	171	B5-U0-G5	34054	175	B5-U0-G5		7878	52	B3-U0-G3
			III-M	30423	156	B3-U0-G4	32958	169	B4-U0-G4	33803	174	B4-U0-G4	34648	178	B4-U0-G4		8015	53	B2-U0-G2
			III-W	28248	145	B3-U0-G4	30603	157	B3-U0-G5	31387	161	B3-U0-G5	32172	165	B3-U0-G5		7442	49	B1-U0-G2
			IV	30195	155	B3-U0-G4	32712	168	B4-U0-G4	33550	172	B4-U0-G4	34389	177	B4-U0-G4		7955	53	B2-U0-G2
			IV-CL	30228	155	B3-U0-G2	32748	168	B3-U0-G2	33587	173	B4-U0-G3	34427	177	B4-U0-G3		7963	53	B2-U0-G1
			IV-FT	27505	141	B3-U0-G4	29797	153	B3-U0-G4	30561	157	B3-U0-G5	31325	161	B3-U0-G5		7246	48	B1-U0-G2
			VSQ-N	31559	162	B5-U0-G2	34189	176	B5-U0-G2	35065	180	B5-U0-G2	35942	185	B5-U0-G2		8314	55	B3-U0-G1
			VSQ-M	30947	159	B5-U0-G3	33526	172	B5-U0-G4	34386	177	B5-U0-G4	35245	181	B5-U0-G4		8153	54	B3-U0-G2
			VSQ-W	30208	155	B5-U0-G4	32725	168	B5-U0-G4	33564	172	B5-U0-G4	34403	177	B5-U0-G4		7958	53	B3-U0-G2
			II-HS	21868	112	B2-U0-G4	23690	122	B2-U0-G4	24298	125	B2-U0-G4	24905	128	B2-U0-G4		5761	38	B1-U0-G2
			II-FR-HS	22244	114	B1-U0-G2	24098	124	B1-U0-G2	24716	127	B1-U0-G2	25334	130	B1-U0-G2		5860	39	B1-U0-G1
			III-M-HS	22124	114	B1-U0-G4	23967	123	B1-U0-G4	24582	126	B1-U0-G4	25196	129	B1-U0-G4		5829	38	B0-U0-G2
			III-W-HS	21655	111	B1-U0-G4	23460	121	B1-U0-G4	24061	124	B1-U0-G5	24662	127	B1-U0-G5		5705	38	B0-U0-G2
			IV-HS	22850	117	B1-U0-G4	24755	127	B1-U0-G4	25390	130	B1-U0-G4	26024	134	B1-U0-G4		6020	40	B0-U0-G2
			IV-CL-XHS	20047	103	B1-U0-G2	21718	112	B1-U0-G2	22274	114	B1-U0-G2	22831	117	B1-U0-G3		5281	35	B0-U0-G1
			IV-FT-HS	21595	111	B1-U0-G4	23394	120	B1-U0-G5	23994	123	B1-U0-G5	24594	126	B1-U0-G5		5689	38	B0-U0-G2
120	700	260.3	II	38184	147	B4-U0-G4	41366	159	B4-U0-G4	42427	163	B4-U0-G5	43487	167	B4-U0-G5				
			II-FR	38440	148	B4-U0-G2	41644	160	B4-U0-G3	42711	164	B4-U0-G3	43779	168	B4-U0-G3				
			II-ML	38186	147	B5-U0-G5	41368	159	B5-U0-G5	42429	163	B5-U0-G5	43489	167	B5-U0-G5				
			III-M	38852	149	B4-U0-G5	42090	162	B4-U0-G5	43169	166	B4-U0-G5	44248	170	B4-U0-G5				
			III-W	36075	139	B3-U0-G5	39081	150	B4-U0-G5	40083	154	B4-U0-G5	41085	158	B4-U0-G5				
			IV	38560	148	B4-U0-G4	41774	160	B4-U0-G5	42845	165	B4-U0-G5	43916	169	B4-U0-G5				
			IV-CL	38603	148	B4-U0-G3	41820	161	B4-U0-G3	42893	165	B4-U0-G3	43965	169	B4-U0-G3				
			IV-FT	35125	135	B3-U0-G5	38053	146	B4-U0-G5	39028	150	B4-U0-G5	40004	154	B4-U0-G5				
			VSQ-N	40302	155	B5-U0-G2	43661	168	B5-U0-G2	44780	172	B5-U0-G2	45899	176	B5-U0-G2				
			VSQ-M	39520	152	B5-U0-G4	42814	164	B5-U0-G4	43912	169	B5-U0-G4	45010	173	B5-U0-G4				
			VSQ-W	38577	148	B5-U0-G4	41792	161	B5-U0-G5	42863	165	B5-U0-G5	43934	169	B5-U0-G5				
			II-HS	27926	107	B2-U0-G4	30253	116	B2-U0-G4	31029	119	B2-U0-G4	31804	122	B2-U0-G5				
			II-FR-HS	28407	109	B2-U0-G2	30774	118	B2-U0-G2	31563	121	B2-U0-G3	32352	124	B2-U0-G3				
			III-M-HS	28253	109	B1-U0-G5	30608	118	B1-U0-G5	31392	121	B1-U0-G5	32177	124	B1-U0-G5				
			III-W-HS	27655	106	B1-U0-G5	29960	115	B1-U0-G5	30728	118	B1-U0-G5	31496	121	B1-U0-G5				
			IV-HS	29181	112	B1-U0-G4	31613	121	B1-U0-G5	32424	125	B1-U0-G5	33234	128	B1-U0-G5				
			IV-CL-XHS	25601	98	B1-U0-G3	27735	107	B1-U0-G3	28446	109	B1-U0-G3	29157	112	B1-U0-G3				
			IV-FT-HS	27578	106	B1-U0-G5	29877	115	B1-U0-G5	30643	118	B2-U0-G5	31409	121	B2-U0-G5				
120	875	332.3	II	46080	139	B4-U0-G5	49920	150	B5-U0-G5	51200	154	B5-U0-G5	52480	158	B5-U0-G5				
			II-FR	46389	140	B4-U0-G3	50255	151	B4-U0-G3	51544	155	B4-U0-G3	52832	159	B4-U0-G3				
			II-ML	46082	139	B5-U0-G5	49922	150	B5-U0-G5	51202	154	B5-U0-G5	52482	158	B5-U0-G5				
			III-M	46886	141	B4-U0-G5	50793	153	B4-U0-G5	52095	157	B4-U0-G5	53398	161	B5-U0-G5				
			III-W	43534	131	B4-U0-G5	47162	142	B4-U0-G5	48371	146	B4-U0-G5	49580	149	B4-U0-G5				
			IV	46534	140	B4-U0-G5	50412	152	B4-U0-G5	51705	156	B5-U0-G5	52997	159	B5-U0-G5				
			IV-CL	46586	140	B4-U0-G3	50468	152	B4-U0-G4	51762	156	B4-U0-G4	53056	160	B4-U0-G4				
			IV-FT	42389	128	B4-U0-G5	45921	138	B4-U0-G5	47099	142	B4-U0-G5	48276	145	B4-U0-G5				
			VSQ-N	48635	146	B5-U0-G3	52689	159	B5-U0-G3	54040	163	B5-U0-G3	55390	167	B5-U0-G3				
			VSQ-M	47693	144	B5-U0-G4	51668	155	B5-U0-G5	52993	159	B5-U0-G5	54317	163	B5-U0-G5				
			VSQ-W	46554	140	B5-U0-G5	50434	152	B5-U0-G5	51726	156	B5-U0-G5	53019	160	B5-U0-G5				
			II-HS	33701	101	B2-U0-G5	36510	110	B2-U0-G5	37446	113	B2-U0-G5	38382	116	B2-U0-G5				
			II-FR-HS	34281	103	B2-U0-G3	37139	112	B2-U0-G3	38091	115	B2-U0-G3	39043	117	B2-U0-G3				
			III-M-HS	34095	103	B2-U0-G5	36937	111	B2-U0-G5	37884	114	B2-U0-G5	38831	117	B2-U0-G5				
			III-W-HS	33373	100	B1-U0-G5	36154	109	B2-U0-G5	37081	112	B2-U0-G5	38008	114	B2-U0-G5				
			IV-HS	35216	106	B2-U0-G5	38151	115	B2-U0-G5	39129	118	B2-U0-G5	40107	121	B2-U0-G5				
			IV-CL-XHS	30895	93	B1-U0-G3	33469	101	B1-U0-G3	34328	103	B1-U0-G4	35186	106	B1-U0-G4				
			IV-FT-HS	33281	100	B2-U0-G5	36055	109	B2-U0-G5	36979	111	B2-U0-G5	37903	114	B2-U0-G5				

PHOTOMETRIC DATA GUIDE - LUMEN TABLES

RZR-G-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		
120	1050	404.3	II	52746	130	B5-U0-G5	57142	141	B5-U0-G5	58606	145	B5-U0-G5	60072	149	B5-U0-G5						
			II-FR	53100	131	B4-U0-G3	57525	142	B5-U0-G3	59000	146	B5-U0-G3	60475	150	B5-U0-G3						
			II-ML	52748	130	B5-U0-G5	57144	141	B5-U0-G5	58609	145	B5-U0-G5	60074	149	B5-U0-G5						
			III-M	53668	133	B5-U0-G5	58141	144	B5-U0-G5	59632	147	B5-U0-G5	61122	151	B5-U0-G5						
			III-W	49832	123	B4-U0-G5	53985	134	B4-U0-G5	55369	137	B4-U0-G5	56753	140	B4-U0-G5						
			IV	53265	132	B5-U0-G5	57705	143	B5-U0-G5	59184	146	B5-U0-G5	60664	150	B5-U0-G5						
			IV-CL	53325	132	B4-U0-G4	57769	143	B4-U0-G4	59250	147	B4-U0-G4	60731	150	B4-U0-G4						
			IV-FT	48521	120	B4-U0-G5	52564	130	B4-U0-G5	53912	133	B4-U0-G5	55260	137	B4-U0-G5						
			VSQ-N	55672	138	B5-U0-G3	60311	149	B5-U0-G3	61858	153	B5-U0-G3	63404	157	B5-U0-G3						
			VSQ-M	54592	135	B5-U0-G5	59142	146	B5-U0-G5	60658	150	B5-U0-G5	62175	154	B5-U0-G5						
			VSQ-W	53288	132	B5-U0-G5	57729	143	B5-U0-G5	59209	146	B5-U0-G5	60689	150	B5-U0-G5						
			II-HS	38576	95	B2-U0-G5	41791	103	B3-U0-G5	42862	106	B3-U0-G5	43933	109	B3-U0-G5						
			II-FR-HS	39240	97	B2-U0-G3	42510	105	B2-U0-G3	43600	108	B2-U0-G3	44690	111	B2-U0-G3						
			III-M-HS	39028	97	B2-U0-G5	42280	105	B2-U0-G5	43364	107	B2-U0-G5	44448	110	B2-U0-G5						
			III-W-HS	38201	94	B2-U0-G5	41385	102	B2-U0-G5	42446	105	B2-U0-G5	43507	108	B2-U0-G5						
			IV-HS	40310	100	B2-U0-G5	43670	108	B2-U0-G5	44789	111	B2-U0-G5	45909	114	B2-U0-G5						
			IV-CL-XHS	35364	87	B1-U0-G4	38311	95	B1-U0-G4	39293	97	B1-U0-G4	40276	100	B1-U0-G4						
			IV-FT-HS	38096	94	B2-U0-G5	41271	102	B2-U0-G5	42329	105	B2-U0-G5	43387	107	B2-U0-G5						
			120	1225	476.9	II	59218	124	B5-U0-G5	64153	135	B5-U0-G5	65798	138	B5-U0-G5	67442	141	B5-U0-G5			
						II-FR	59615	125	B5-U0-G3	64583	135	B5-U0-G4	66239	139	B5-U0-G4	67895	142	B5-U0-G4			
II-ML	59220	124				B5-U0-G5	64155	135	B5-U0-G5	65800	138	B5-U0-G5	67445	141	B5-U0-G5						
III-M	60254	126				B5-U0-G5	65275	137	B5-U0-G5	66949	140	B5-U0-G5	68622	144	B5-U0-G5						
III-W	55946	117				B4-U0-G5	60608	127	B4-U0-G5	62162	130	B4-U0-G5	63716	134	B4-U0-G5						
IV	59802	125				B5-U0-G5	64785	136	B5-U0-G5	66446	139	B5-U0-G5	68108	143	B5-U0-G5						
IV-CL	59868	126				B4-U0-G4	64857	136	B4-U0-G4	66520	139	B4-U0-G4	68183	143	B5-U0-G4						
IV-FT	54474	114				B4-U0-G5	59014	124	B4-U0-G5	60527	127	B4-U0-G5	62040	130	B4-U0-G5						
VSQ-N	62502	131				B5-U0-G3	67711	142	B5-U0-G3	69447	146	B5-U0-G3	71183	149	B5-U0-G4						
VSQ-M	61291	129				B5-U0-G5	66399	139	B5-U0-G5	68101	143	B5-U0-G5	69804	146	B5-U0-G5						
VSQ-W	59827	125				B5-U0-G5	64813	136	B5-U0-G5	66474	139	B5-U0-G5	68136	143	B5-U0-G5						
II-HS	43309	91				B3-U0-G5	46919	98	B3-U0-G5	48121	101	B3-U0-G5	49324	103	B3-U0-G5						
II-FR-HS	44055	92				B2-U0-G3	47726	100	B2-U0-G4	48950	103	B2-U0-G4	50174	105	B2-U0-G4						
III-M-HS	43816	92				B2-U0-G5	47468	100	B2-U0-G5	48685	102	B2-U0-G5	49902	105	B2-U0-G5						
III-W-HS	42888	90				B2-U0-G5	46462	97	B2-U0-G5	47653	100	B2-U0-G5	48845	102	B2-U0-G5						
IV-HS	45257	95				B2-U0-G5	49028	103	B2-U0-G5	50285	105	B2-U0-G5	51542	108	B2-U0-G5						
IV-CL-XHS	39703	83				B1-U0-G4	43012	90	B1-U0-G4	44115	93	B1-U0-G4	45217	95	B1-U0-G4						
IV-FT-HS	42770	90				B2-U0-G5	46335	97	B2-U0-G5	47523	100	B2-U0-G5	48711	102	B2-U0-G5						
120	1400	549.3				II	64719	118	B5-U0-G5	70112	128	B5-U0-G5	71910	131	B5-U0-G5	73708	134	B5-U0-G5			
						II-FR	65153	119	B5-U0-G4	70583	128	B5-U0-G4	72393	132	B5-U0-G4	74202	135	B5-U0-G4			
			II-ML	64721	118	B5-U0-G5	70115	128	B5-U0-G5	71913	131	B5-U0-G5	73710	134	B5-U0-G5						
			III-M	65851	120	B5-U0-G5	71338	130	B5-U0-G5	73168	133	B5-U0-G5	74997	137	B5-U0-G5						
			III-W	61143	111	B4-U0-G5	66239	121	B4-U0-G5	67937	124	B4-U0-G5	69635	127	B4-U0-G5						
			IV	65357	119	B5-U0-G5	70803	129	B5-U0-G5	72619	132	B5-U0-G5	74434	136	B5-U0-G5						
			IV-CL	65429	119	B4-U0-G4	70882	129	B5-U0-G4	72700	132	B5-U0-G4	74517	136	B5-U0-G4						
			IV-FT	59535	108	B4-U0-G5	64496	117	B4-U0-G5	66150	120	B4-U0-G5	67803	123	B4-U0-G5						
			VSQ-N	68308	124	B5-U0-G3	74001	135	B5-U0-G4	75898	138	B5-U0-G4	77796	142	B5-U0-G4						
			VSQ-M	66984	122	B5-U0-G5	72567	132	B5-U0-G5	74427	135	B5-U0-G5	76288	139	B5-U0-G5						
			VSQ-W	65385	119	B5-U0-G5	70833	129	B5-U0-G5	72650	132	B5-U0-G5	74466	136	B5-U0-G5						
			II-HS	47332	86	B3-U0-G5	51277	93	B3-U0-G5	52592	96	B3-U0-G5	53906	98	B3-U0-G5						
			II-FR-HS	48147	88	B2-U0-G4	52160	95	B2-U0-G4	53497	97	B2-U0-G4	54834	100	B2-U0-G4						
			III-M-HS	47887	87	B2-U0-G5	51877	94	B2-U0-G5	53207	97	B2-U0-G5	54538	99	B2-U0-G5						
			III-W-HS	46872	85	B2-U0-G5	50779	92	B2-U0-G5	52081	95	B2-U0-G5	53382	97	B2-U0-G5						
			IV-HS	49460	90	B2-U0-G5	53582	98	B2-U0-G5	54956	100	B2-U0-G5	56330	103	B2-U0-G5						
			IV-CL-XHS	43392	79	B1-U0-G4	47008	86	B1-U0-G4	48213	88	B1-U0-G4	49418	90	B1-U0-G4						
			IV-FT-HS	46743	85	B2-U0-G5	50639	92	B2-U0-G5	51937	95	B2-U0-G5	53235	97	B2-U0-G5						