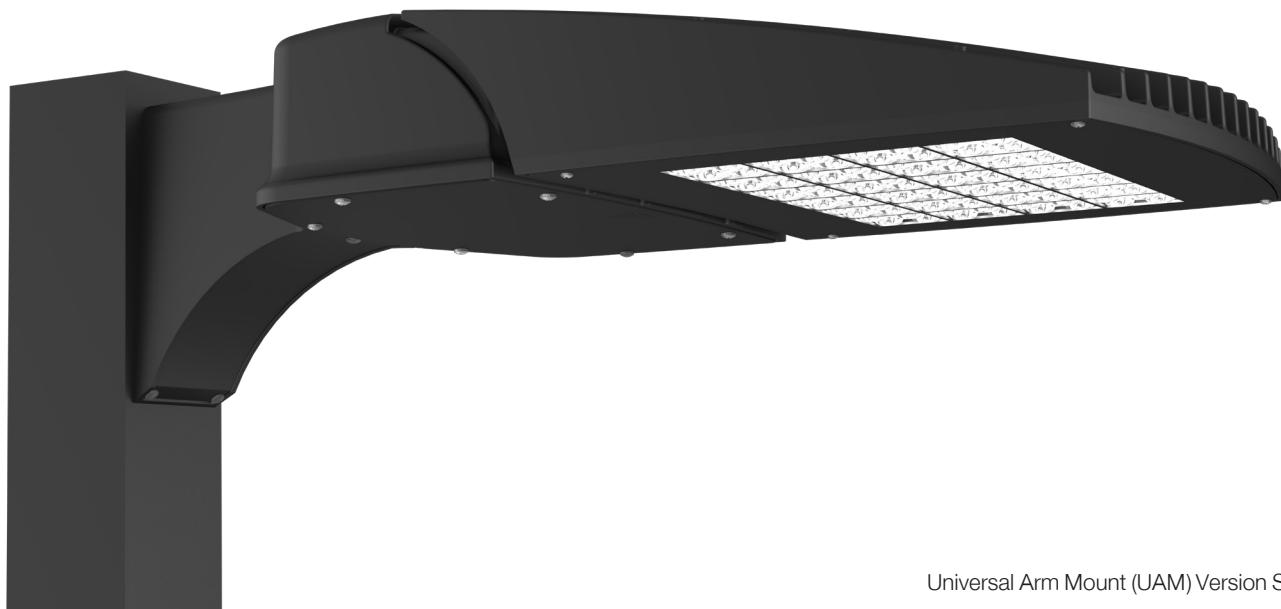


VMX-II LED Specifications

Area - Site - Commercial - Outdoor



Universal Arm Mount (UAM) Version Shown

The VMX-II LED Series offers clean, functional styling defined by its sleek, low-profile design and rugged construction. It combines the latest LED technology with advanced LED thermal management and provides outdoor lighting that is both energy-efficient and aesthetically pleasing.

The LED's performance and the driver's life are maximized by enclosing them in two separate cast aluminum housings. Easy tool-less access for mounting and maintenance.

Available with 17 IES distribution patterns.

- CRI values are 70, 80 or 90.

- CCT values are 2700K, 3000K, 3500K, 4000K, 5000K.

The durable polyester powder coat finish is guaranteed for five years and comes in standard or custom colors.

The VMX-II Series offers an impressive output of up to 50,000 lumens with a wattage package reaching up to 362 watts, delivering an average efficiency of 142 lumens per watt. With integrated controls, the VMX-II ensures optimal lighting coverage while minimizing energy consumption.

The VMX-II LED series is an ideal choice for commercial parking lots, office complexes, architectural projects, municipal educational and other general lighting projects.

Project Name:

Catalog Number:

Type:

Date:

Location:

MODEL	OPTICS		LEDs	CURRENT	CCT
VMX-II	T1 Type 1 T2 Type 2 T3 Type 3 T3R Type 3 Round T3W Type 3 Wide T3LG Type 3 Low Glare T4 Type 4 T4A Type 4 Automotive T4FT Type 4 Forward Throw T4LG Type 4 Low Glare	T5 Type 5 T5W Type 5 Wide T5WW Type 5 Extra Wide T5LG Type 5 Low Glare FN Flood Narrow FM Flood Medium FW Flood Wide	48LD 64LD 80LD 96LD	3 350mA 5 530mA 7 700mA 10 1050mA 12 1200mA	27K7 27K8 27K9 2700K 70, 80, & 90 CRI 30K7 30K8 30K9 3000K 70, 80, & 90 CRI 35K7 35K8 35K9 3500K 70, 80, & 90 CRI 40K7 40K8 40K9 4000K 70, 80, & 90 CRI 50K7 50K8 50K9 5000K 70, 80, & 90 CRI
VOLTAGE	MOUNTING	FINISH	CONTROL OPTIONS	SHIELD OPTIONS	OPTIONS
UNV 120-277V 8 347V 5 480V	AM Arm Mount SAM Straight Arm Mount W/ Terminal Block (New Construction) UAM Universal Arm Mount W/ Terminal Block (Retrofit) MAF Mast Arm Fitter KM Knuckle Mount WM Wall Mount *Requires BAWP AWM Adjustable Wall Mount *Round Pole Plate Adapters (RPP) are to be ordered separately. *BAWP to be ordered separately	BZ Bronze BK Black GY Grey SBK Smooth Black WH White SWH Smooth White GP Graphite GY Grey SL Silver Metallic ZFP Zinc-Free Primer Coat CC Custom Color	PCR-120 PCR-208 PCR-240 PCR-277 PCR-347 PCR-480 Photocell & Receptacle 7PINPER 7 Pin Photo Receptacle w/shorting cap Requires Dimming Driver DIM 0-10v Dimming Driver DTO Dim to Off Driver WSP6-L2 WSP6-L3 WSP6-L7 8' Mounting Height 9-20' Mounting Height 21-40' Mounting Height WSC-8 WSC-20 WSC-40 8' Mounting Height 9-20' Mounting Height 21-40' Mounting Height *The WSC option will require (1) FSIR 100 remote for programming TL7 7-PIN Twist-lock Wireless Control Z10 or Z18 Zhaga 4 Pin Receptacle VWC Visionaire Wireless Control	ECLS Egg Crate Louver Shield ADJLS Adjustable Louver Light Shield BD Barn Door Shield CLS Backside cutoff shield *Not to be used with KM RCLS Rightside cutoff shield *Not to be used with KM LCLS Leftside cutoff shield *Not to be used with KM BHS House shield	RPP-3" RPP-4" RPP-5" Round Pole Plate Adapter BAWP Cast Wall Plate UMAP Universal Mast arm fitter UPMA-S Universal Square Pole Mount Adapter UPMA-R Universal Round Pole Mount Adapter ROT-R Rotated Optics Right Side ROT-L Rotated Optics Left Side BBG Bird Spikes BAA Buy America(n) Act Compliant EBPL Emergency Battery Pack *Universal Voltage only Rated for 20° C to 50° C *Not available in Up Light Orientation

Heatsink

Cast aluminum heatsink with integral cooling fins for thermal management.

Mounting Arm/Driver Compartment

Durable two-piece die cast aluminum driver compartment utilizes stainless steel hardware and sealed with a one-piece silicone gasket.

Thermal Management

The VMX-II series provides excellent thermal management by mounting the LEDs to the substantial heat sink of the housing. This enables the Luminaire to withstand higher ambient temperatures and driver currents without degrading LED life.

The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The VMX-II series LEDs have been determined to last 100,000+ hours in 25° C environments when driven at 350 mA.

Optical System

Available with 17 precision IES distribution patterns.

- LED engines available in multiples of 16 LEDs.
- CRI Options: 70, 80, or 90.
- CCT Options: 2700K, 3000K, 3500K, 4000K, 5000K.

Quali-Guard® Finish

The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 mils thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness.

- All finishes are available in standard and custom colors.
- Optional Zinc-Free Primer - Recommended within three miles of the ocean
- Finish is guaranteed for five (5) years.

Electrical Assembly

The VMX II Series is supplied with a choice of 350, 530, 700, 1050 or 1200mA high-performance LED drivers, that accept 120v thru 480v, 50 Hz to 60 Hz, input.

- Rated for -40 °C to +55 ° C operations.
- Power factor of 90%.
- THD less than or equal to 20%
- 10 kV surge protector supplied as standard.
- 0-10v Dimming Driver supplied as standard.
- Terminal block supplied as standard on AM, SAM, MAF and UAM

Warranty

Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit visionairelighting.com.

Options

- Wattstopper Plus
- Wattstopper FSP-211 Motion Sensor/Control
- Photocell & Receptacle
- Photo Receptacle (PER) (5/7PINPER)
- 7-Pin Twist-lock wireless control
- 0-10V Dimming Driver
- Dim To Off Driver
- Back House Shield
- Cut-Off Louver Shield
- Universal Mast Arm Fitter
- Egg Crate Louver Shield
- Adjustable Louver Light Shield
- Barn Door Shield
- Round pole plate adaptor
- Zhaga 4 Pin Receptacle
- Bird Spikes
- BAA

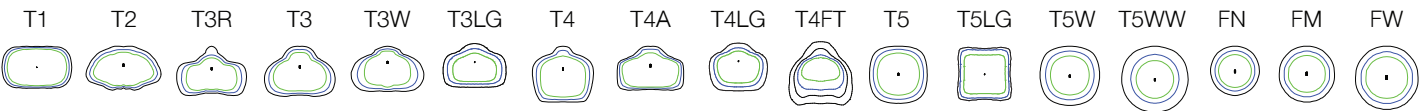
Listings

- The VMX-II Series is cUL Listed
- IP65 Rated Housing
- ANSI Certification
- Powder Coated Tough
- IDA Certification



3000K or lower must be selected with a fixed mount for IDA certification.
Fixed mount must be selected for IDA dark sky certification.

Photometric Optical Summary



Dimensions

Width: VMX-II 15.5"

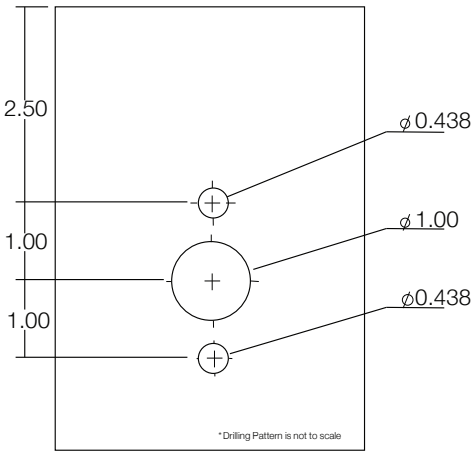
Depth: VMX-II 29"

Height: VMX-II 4.0"

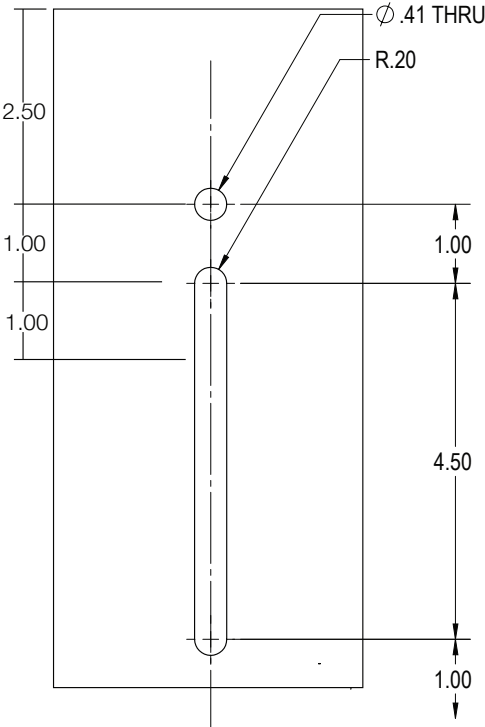
Overall Height: VMX-II 10.75"

Weight: 49 LBS

Drilling Template for (AM) and (SAM)



Drilling Template for (UAM)



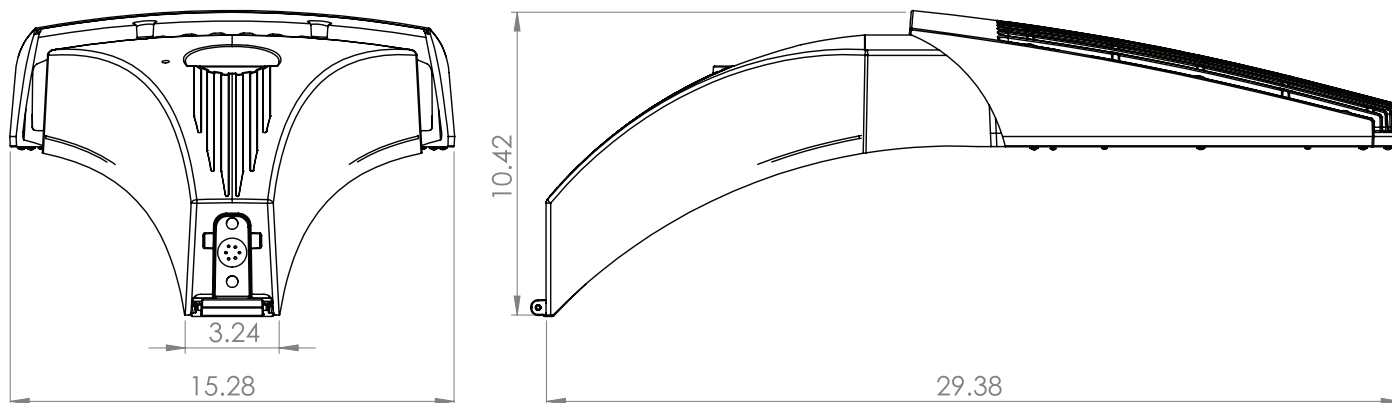
VMX-II - ELECTRICAL LOAD (A)							
Ordering Nomenclature	System Watts	120	208	240	277	347	480
VMX-II-T5-48LD-3	49	0.41	0.24	0.21	0.18	0.14	0.10
VMX-II-T5-48LD-5	76	0.63	0.37	0.32	0.27	0.22	0.16
VMX-II-T5-48LD-7	102	0.85	0.49	0.42	0.37	0.29	0.21
VMX-II-T5-48LD-10	157	1.31	0.76	0.66	0.57	0.45	0.33
VMX-II-T5-48LD-12	181	1.51	0.87	0.75	0.65	0.52	0.38
VMX-II-T5-64LD-3	66	0.55	0.32	0.27	0.24	0.19	0.14
VMX-II-T5-64LD-5	101	0.85	0.49	0.42	0.37	0.29	0.21
VMX-II-T5-64LD-7	136	1.13	0.65	0.57	0.49	0.39	0.28
VMX-II-T5-64LD-10	210	1.75	1.01	0.87	0.76	0.60	0.44
VMX-II-T5-64LD-12	242	2.01	1.16	1.01	0.87	0.70	0.50
VMX-II-T5-80LD-3	82	0.69	0.40	0.34	0.30	0.24	0.17
VMX-II-T5-80LD-5	127	1.06	0.61	0.53	0.46	0.37	0.26
VMX-II-T5-80LD-7	170	1.42	0.82	0.71	0.61	0.49	0.35
VMX-II-T5-80LD-10	262	2.18	1.26	1.09	0.95	0.76	0.55
VMX-II-T5-80LD-12	302	2.52	1.45	1.26	1.09	0.87	0.63
VMX-II-T5-96LD-3	99	0.82	0.47	0.41	0.36	0.28	0.21
VMX-II-T5-96LD-5	152	1.27	0.73	0.63	0.55	0.44	0.32
VMX-II-T5-96LD-7	204	1.70	0.98	0.85	0.74	0.59	0.42
VMX-II-T5-96LD-10	314	2.62	1.51	1.31	1.14	0.91	0.66
VMX-II-T5-96LD-12	362	3.02	1.74	1.51	1.31	1.04	0.75

EPA Data						
	1.25	1.49	2.19	2.29	2.28	2.22

VMX-II-KM EPA Data										
Degree of Tilt	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
EPA	0.76	0.88	1.26	1.69	2.07	2.40	2.66	2.86	2.97	2.98

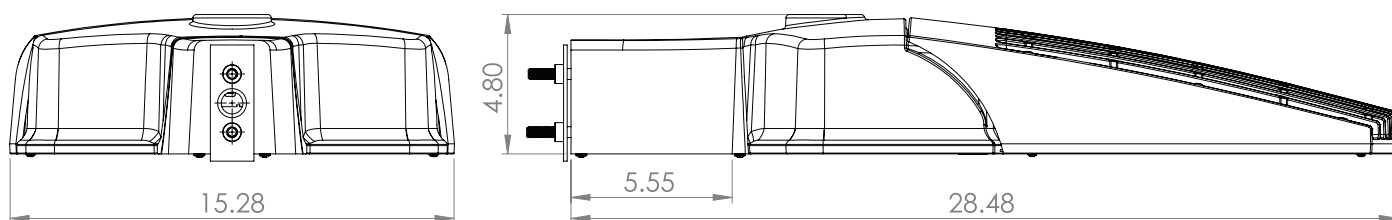
Arm Mount (AM)

The Arm Mount (AM) utilizes a 2 piece cleat system for easy installation, a terminal block is supplied as standard. A Round Pole Plate Adapter (RPP) is required for mounting to round poles.



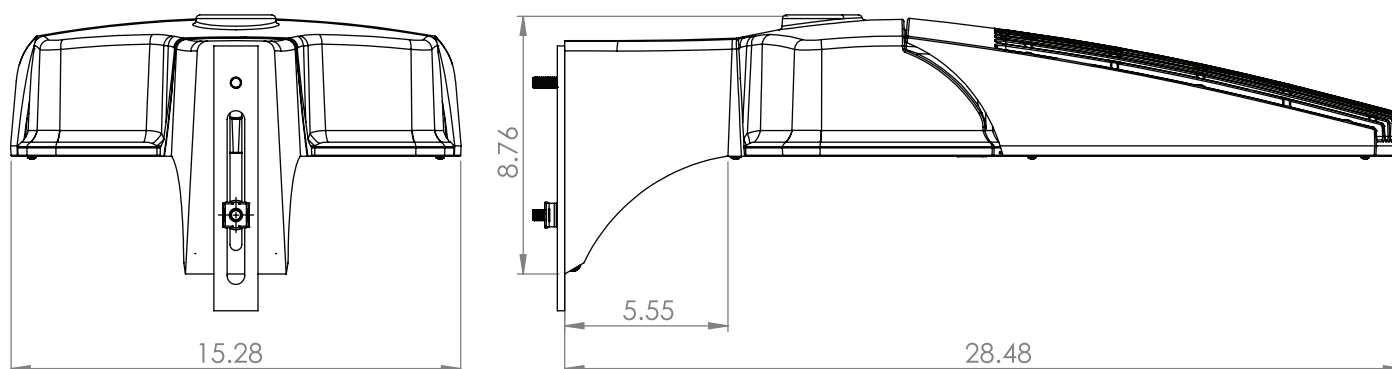
Straight Arm Mount (SAM)

The Straight Arm Mount (SAM) uses a 2 piece mounting system, a terminal block is supplied as standard. A Round Pole Plate Adapter (RPP) is required for mounting to round poles.



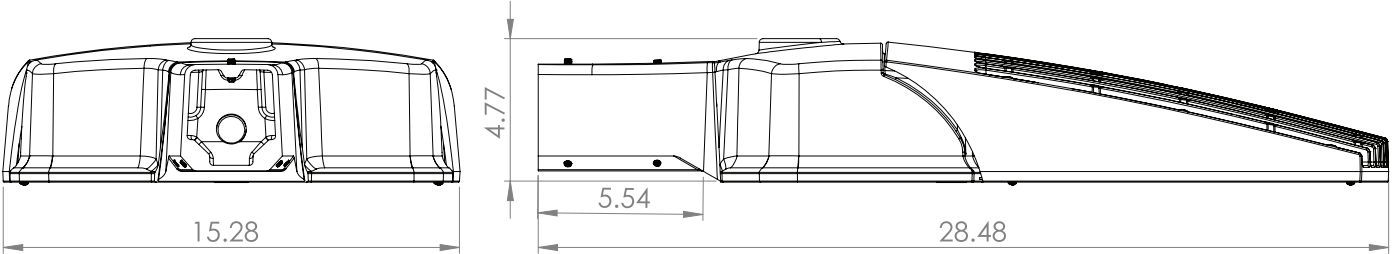
Universal Arm Mount (UAM)

The Universal Arm Mount (UAM) is meant for retrofit Applications and has a drilling template ranging from 3" to 5.5". A Round Pole Plate Adapter (RPP) is required for mounting to round poles.



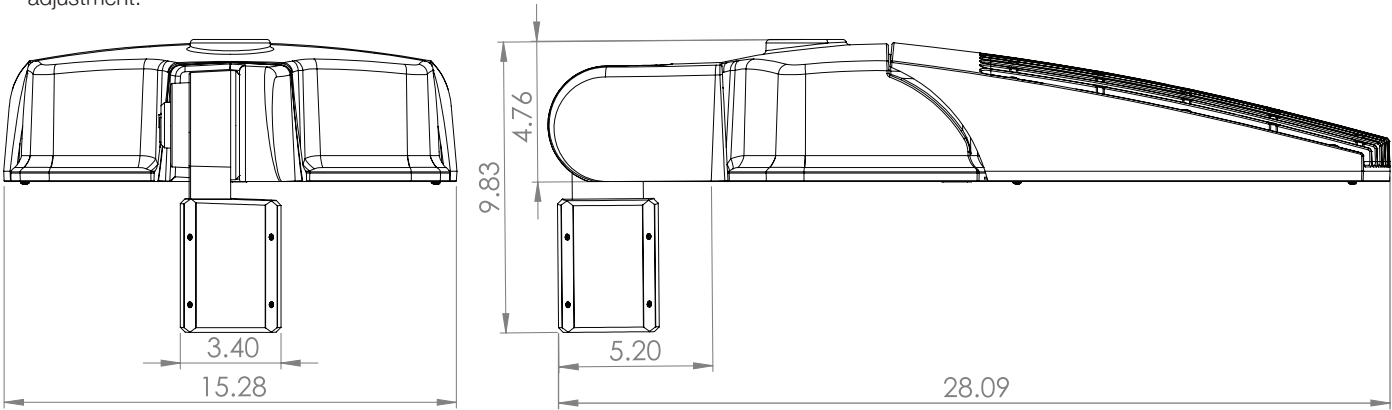
Mast Arm Fitter (MAF)

Mast Arm Fitter fits over a 1 5/8" - 2 3/8" tenon.



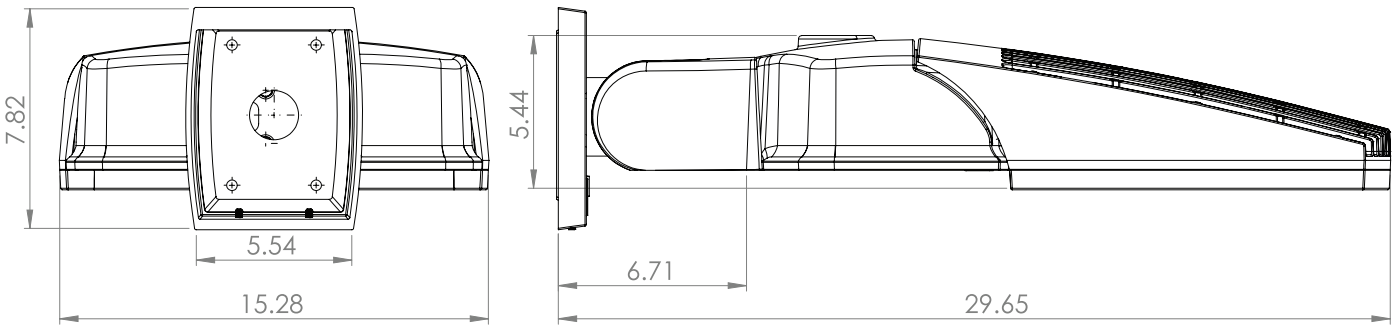
Knuckle Mount (KM)

An adjustable knuckle slip fits over a 2 3/8" Tenon, and allows for up to 90° degrees of vertical adjustment in 10° degree increments from horizontal, as well as full side to side adjustment.



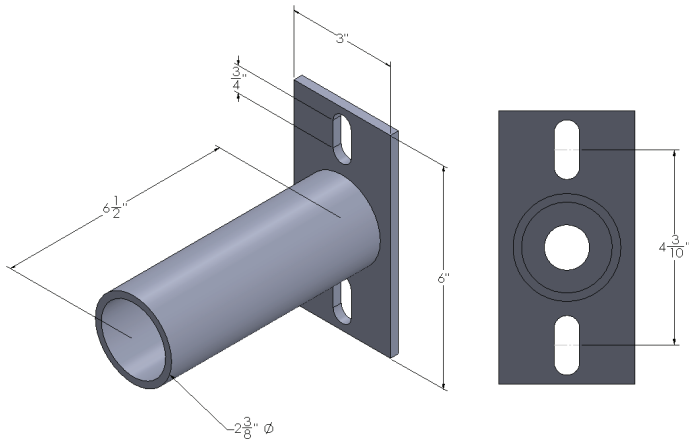
Adjustable Wall Mount (AWM)

Wall Mount - Adjustable up to 50° in 10° increments

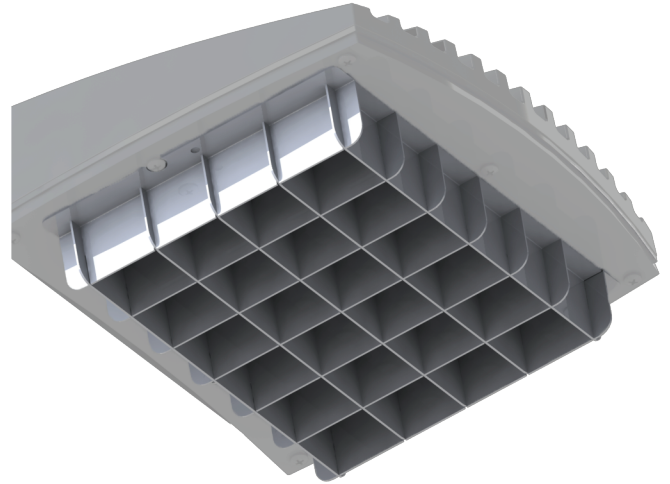


Universal Mast Arm Fitter

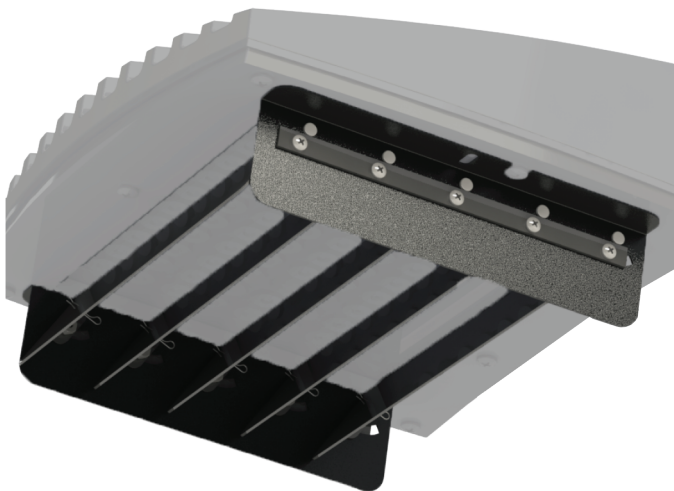
UMAP – The Universal Mast Arm Fitter is a simple solution for retrofit applications where a fixture needs to mount to an existing pole, the UMAP is meant to be use to with knuckle mounts and also Mast Arm Fitters. The UMAP has a bolt slot ranging from 7" all the way down to 3.5". The UMAP also has a Round Pole Plate Adaptor (RPP) for mounting to round poles.



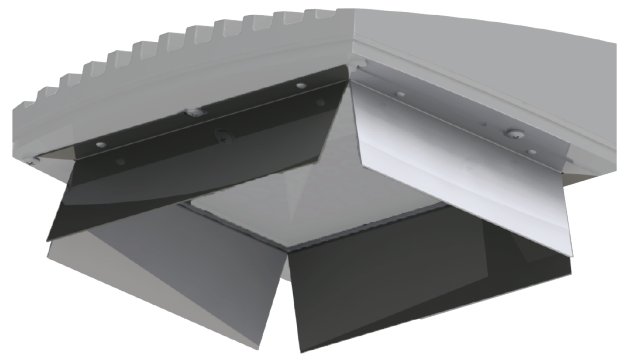
Egg Crate Light Shield



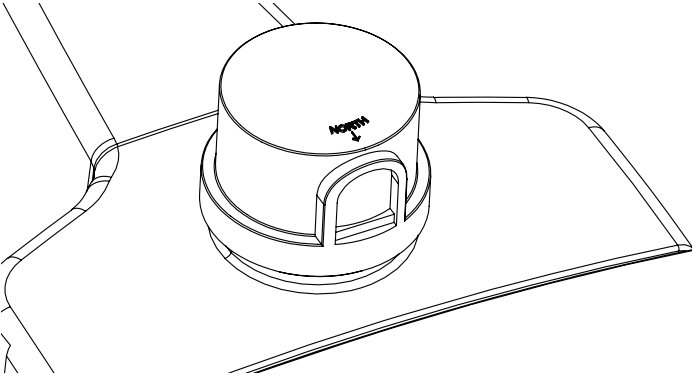
Adjustable Louver Light Shield



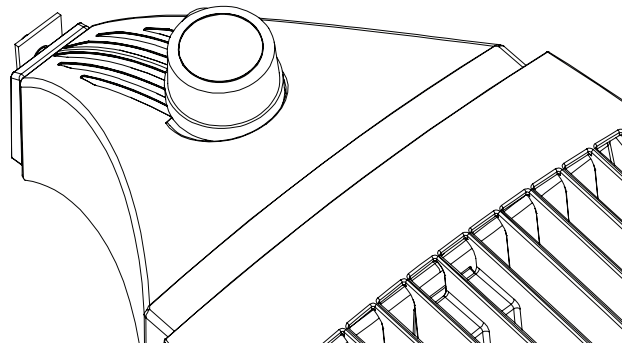
Barn Door Light Shield



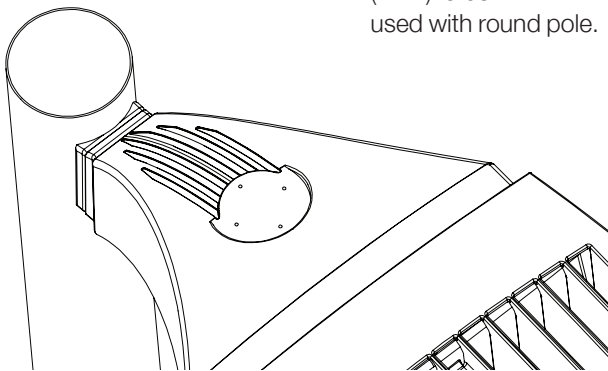
Twist lock Photocell & Receptacle - Dusk to dawn sensor.



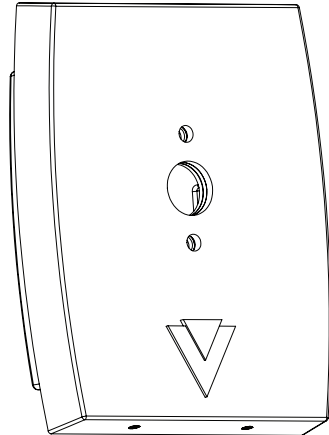
Photocell Receptacle and Shorting Cap



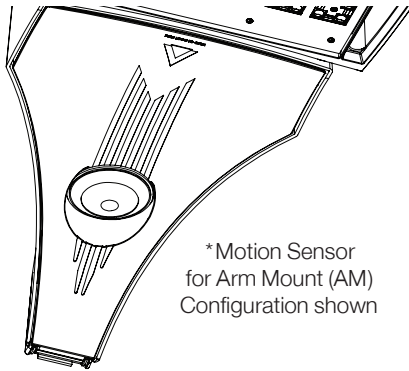
Round Pole Plate Adaptor (RPP) - Round Pole Plate Adaptor (RPP) to be used with round pole.



Cast Wall Plate - Arm Mount Wall Plate is needed to wall mount the VMX-II.

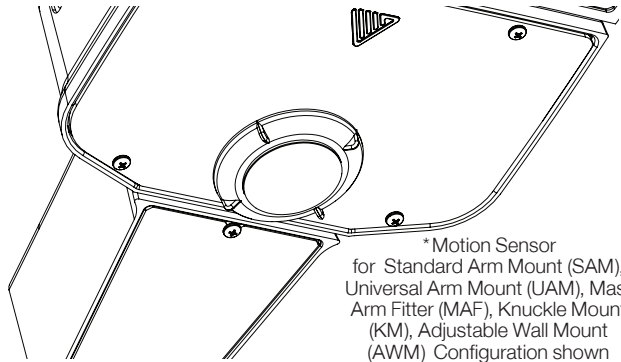


Motion Sensor -
*This option will require one FSIR 100 remote for programming.



*Motion Sensor for Arm Mount (AM) Configuration shown

Motion Sensor (for SAM, UAM, MAF, KM, AWM) -
*This option will require one FSIR 100 remote for programming.



*Motion Sensor for Standard Arm Mount (SAM), Universal Arm Mount (UAM), Mast Arm Fitter (MAF), Knuckle Mount (KM), Adjustable Wall Mount (AWM) Configuration shown

The FSP-211 by Legrand is integrated into the VMX housing and provides multi-level control based on motion and/or daylight contribution.

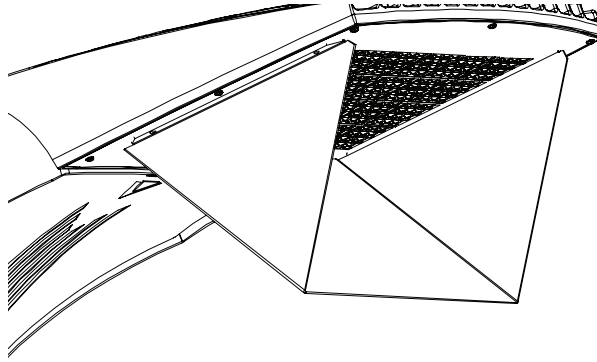
Lens Coverage Patterns:

WSC-8	360° lens, maximum coverage 48'; diameter from 8' height
WSC-20	360° lens, maximum coverage 48'; diameter from 20' height
WSC-40	360° lens, maximum coverage 100'; diameter from 40' height

Motion Sensor Default Settings

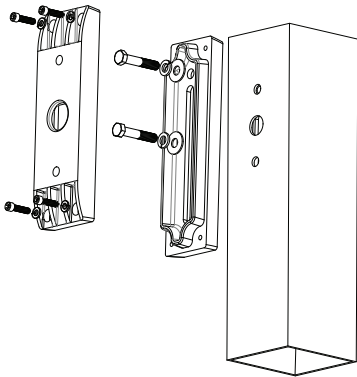
High Mode	0 Volts
Low Mode	1 Volts
Time Delay	5 Minutes
Cut Off	1 Hour
Sensitivity	Maximum
Hold Off Set Point	4ft
Candles	N/A
Ramp Up	None
Fade Down	None
Force Off Set Point With Occupied	Disable

House Shield - Provides solid back light cutoff



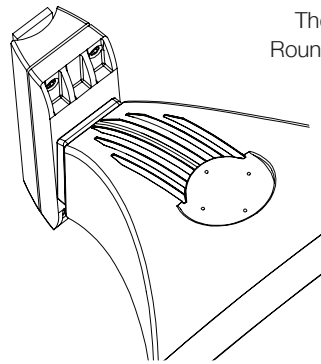
UPMA

The Universal Pole Mount Adaptor is ideal for retrofit applications with existing square poles. This adaptor is slotted to fit any existing drilling pattern, up to 6 1/2" bolt to bolt maximum.



UPMA-R

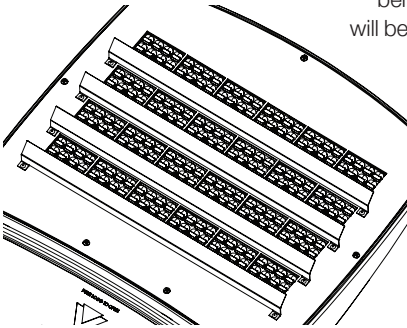
The Universal Pole Mount Adaptor Round is ideal for retrofit applications with existing round poles. This adaptor is slotted to fit any existing drilling pattern, up to 6 1/2" bolt to bolt maximum.



CLS

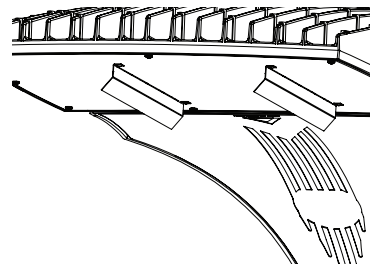
The Back Side Cutoff Louver Shield will reduce light output behind the fixture, all of the light will be focused in front of the VMX.

*Not to be used with KM



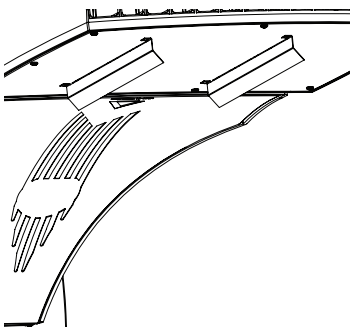
The Left Side Cutoff Louver Shield will reduce light output on the left side of the fixture, all of the light be focused on the right side of the VSX.

*Not to be used with KM



The Right Side Cutoff Louver Shield will reduce light output on the right side of the fixture, all of the light be focused on the left side of the VSX.

*Not to be used with KM



Zhaga Socket

Zhaga sockets and controllers use 4-pin contacts that carry different functions, such as voltage, dimming, and auxiliary power.

WATTSTOPPER PLUS

FSP-600 Series

The FSP-600 series by Wattstopper PLUS is an integrated luminaire level lighting controller and sensor for indoor/outdoor lighting applications that require networked wireless control. The FSP-600 is designed to integrate directly into exterior, high bay, parking garage, and general site lighting solutions. It is a passive infrared (PIR) sensor and closed loop photosensor.

The FSP-600 series design intends to reduce installer labor time and make on-site start up easy for technicians.

Once commissioned and paired to a Wattstopper PLUS network, the devices can measure both motion and daylight contribution in order to automatically switch or dim lighting. It also provides the ability to communicate to other fixtures in the space without any front-end devices.

The Wattstopper PLUS FSP-600 series is available in a few different options including: internal, external straight nipple, and external drop nipple. Sensor lens options sold separately and should be ordered based on designed mounting height and desired finish.

FSP-621



FSP-200 Series

The FSP-200 series sensors provide multi-level control based on motion and/or daylight contribution. They control 0-10 VDC LED drivers or dimming ballasts, as well as non-dimming ballasts and, with an FSP-Lx Lens, are rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles. The FSP-200 series is available in two different voltage configurations adding flexibility to your fixture design or project.

Typically, the sensor ramps lighting On to the selected High mode level when motion is detected and the ambient light level is below the hold off setpoint. After the sensor stops detecting movement and the time delay elapses, lights fade to the Low mode level. If there is no motion during the subsequent cut off time delay, the lights will turn Off. For dusk to dawn control, the integral photocell can switch the lights On and Off based on the ambient light level so that lighting remains on overnight even without motion detection.

Initial setup and subsequent sensor adjustments are made using a Wireless Handheld Configuration Tool (FSIR-100). This tool enables adjustment of parameters including high and low modes, sensitivity, time delay, cut off and more. The FSIR-100 is also used to initiate automatic calibration of the FSP-2x1B ambient light level setpoint. The setpoint is used to hold the controlled lighting off or at a low level when there is sufficient daylight. The wireless tool stores up to six sensor parameter profiles to speed configuration of multiple sensors.

FSP-211



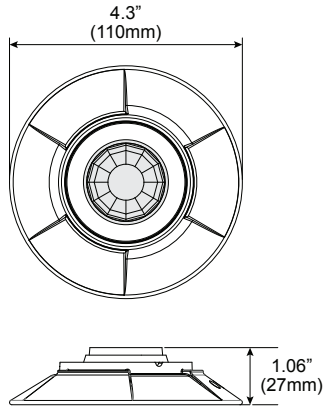
FSP-221



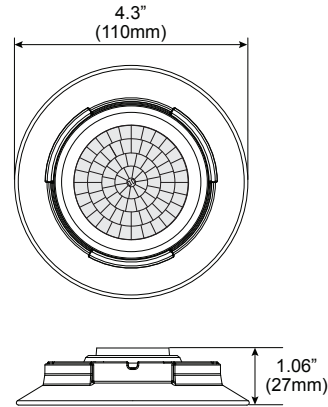
Lens with Shroud Dimensions

The FSP-Lx-S models include a shroud, which blocks high-angle light coming from the fixture, to improve photocell performance. With the shroud attached, the dimensions for all three lenses are identical

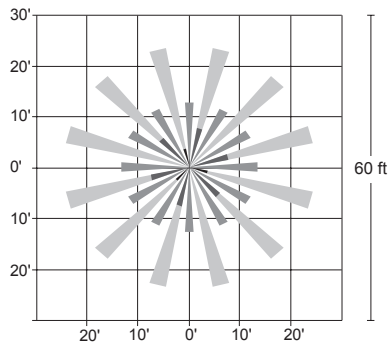
FSP-L2-S and FSP-L3-S



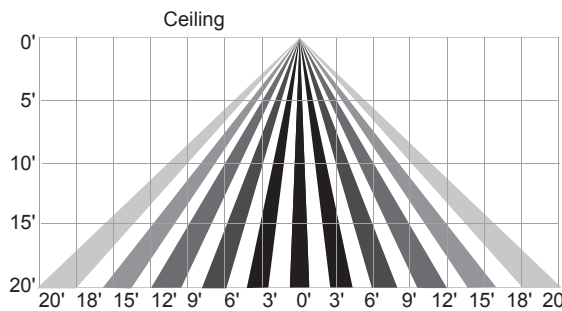
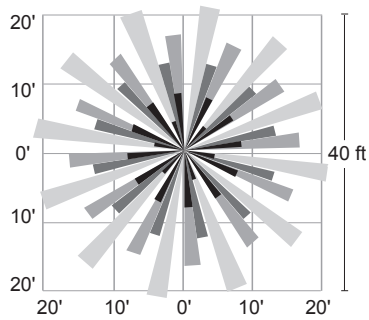
FSP-L7-S



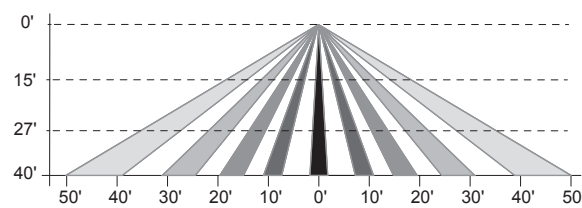
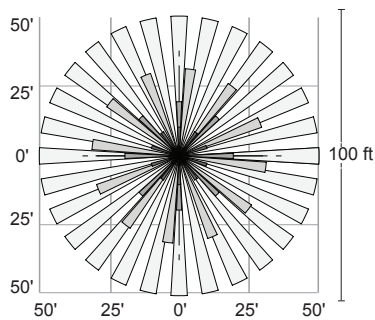
COVERAGE



FSP-L2 top and side coverage patterns



FSP-L3 top and side coverage patterns



FSP-L7 top and side coverage patterns

VMX-II LED SPECIFICATIONS / Forward Optics																																						
Led Count	Current & Watts	Distribution Type	2700K												3000K												3500K											
			27K				30K				35K				40K				50K				60K				70K											
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW											
48LD	350 mA (49.3W)	T1	7881	3	0	3	160	8223	3	0	3	167	8223	3	0	3	167	8138	3	0	3	165	8566	3	0	3	174											
		T2	7809	2	0	2	158	8148	2	0	2	165	8148	2	0	2	165	8064	2	0	2	164	8488	2	0	3	172											
		T3R	7857	2	0	2	159	8198	2	0	2	166	8198	2	0	2	166	8113	2	0	2	165	8540	2	0	2	173											
		T3	7797	1	0	2	158	8136	1	0	2	165	8136	1	0	2	165	8051	1	0	2	163	8475	2	0	2	172											
		T3W	7871	1	0	2	160	8213	1	0	2	167	8213	1	0	2	167	8128	1	0	2	165	8556	2	0	2	174											
		T3LG	7857	2	0	2	159	8199	2	0	2	166	8199	2	0	2	166	8114	2	0	2	165	8541	2	0	2	173											
		T4	7730	2	0	2	157	8066	2	0	2	164	8066	2	0	2	164	7982	2	0	2	162	8402	2	0	2	170											
		T4A	8210	2	0	1	167	8567	2	0	1	174	8567	2	0	1	174	8478	2	0	1	172	8924	2	0	1	181											
		T4LG	7834	2	0	2	159	8175	2	0	2	166	8175	2	0	2	166	8090	2	0	2	164	8515	2	0	2	173											
		T4FT	7958	2	0	2	161	8304	2	0	2	168	8304	2	0	2	168	8217	2	0	2	167	8650	2	0	2	175											
		T5	8130	3	0	1	165	8484	3	0	1	172	8484	3	0	1	172	8396	3	0	1	170	8837	3	0	1	179											
		T5LG	7912	3	0	1	160	8255	3	0	1	167	8255	3	0	1	167	8169	3	0	1	166	8599	3	0	1	174											
		T5W	7905	3	0	2	160	8249	3	0	2	167	8249	3	0	2	167	8163	3	0	2	166	8593	3	0	2	174											
		T5WW	7522	3	0	2	153	7849	3	0	2	159	7849	3	0	2	159	7767	3	0	2	158	8176	3	0	2	166											
		FN	8120	4	0	1	165	8473	4	0	1	172	8473	4	0	1	172	8385	4	0	1	170	8826	4	0	1	179											
		FM	8190	4	0	1	166	8547	4	0	1	173	8547	4	0	1	173	8457	4	0	1	172	8903	4	0	1	181											
		FW	8305	3	0	1	168	8666	3	0	1	176	8666	3	0	1	176	8576	3	0	1	174	9027	3	0	1	183											
48LD	530 mA (76.0W)	T1	11515	4	0	4	151	12015	4	0	4	158	12015	4	0	4	158	11890	4	0	4	156	12516	4	0	4	165											
		T2	11410	3	0	3	150	11906	3	0	3	157	11906	3	0	3	157	11782	3	0	3	155	12402	3	0	3	163											
		T3R	11480	3	0	3	151	11979	3	0	3	158	11979	3	0	3	158	11854	3	0	3	156	12478	3	0	3	164											
		T3	11393	2	0	2	150	11888	2	0	2	156	11888	2	0	2	156	11764	2	0	2	155	12383	2	0	2	163											
		T3W	11501	2	0	2	151	12001	2	0	2	158	12001	2	0	2	158	11876	2	0	2	156	12501	2	0	2	164											
		T3LG	11481	2	0	2	151	11980	3	0	2	158	11980	3	0	2	158	11855	3	0	2	156	12479	3	0	2	164											
		T4	11295	3	0	3	149	11786	3	0	3	155	11786	3	0	3	155	11663	3	0	3	153	12277	3	0	3	161											
		T4A	11997	2	0	2	158	12518	2	0	2	165	12518	2	0	2	165	12388	2	0	2	163	13040	2	0	2	172											
		T4LG	11447	2	0	2	151	11945	2	0	2	157	11945	2	0	2	157	11820	2	0	2	155	12442	2	0	2	164											
		T4FT	11628	2	0	3	153	12133	2	0	3	160	12133	2	0	3	160	12007	2	0	3	158	12639	2	0	3	166											
		T5	11880	3	0	2	156	12396	3	0	2	163	12396	3	0	2	163	12267	3	0	2	161	12913	3	0	2	170											
		T5LG	11560	3	0	2	152	12063	3	0	2	159	12063	3	0	2	159	11937	3	0	2	157	12565	3	0	2	165											
		T5W	11551	4	0	2	152	12053	4	0	2	159	12053	4	0	2	159	11927	4	0	2	157	12555	4	0	2	165											
		T5WW	10991	4	0	2	145	11469	4	0	2	151	11469	4	0	2	151	11349	4	0	2	149	11946	4	0	2	157											
		FN	11965	4	0	1	156	12380	4	0	1	163	12380	4	0	1	163	12251	4	0	1	161	12896	4	0	1	170											
		FM	11966	4	0	1	157	12488	4	0	1	164	12488	4	0	1	164	12358	4	0	1	163	13008	4	0	1	171											
		FW	12135	3	0	1	160	12663	3	0	1	167	12663	3	0	1	167	12531	3	0	1	165	13190	3	0	1	173											
48LD	700 mA (101.9W)	T1	14672	4	0	4	144	15310	4	0	4	150	15310	4	0	4	150	15151	4	0	4	149	15948	4	0	4	156											
		T2	14539	3	0	3	143	15171	3	0	3	149	15171	3	0	3	149	15013	3	0	3	147	15803	3	0	3	155											
		T3R	14628	3	0	3	144	15264	3	0	3	150	15264	3	0	3	150	15105	3	0	3	148	15900	3	0	3	156											
		T3	14517	2	0	2	142	15148	2	0	2	149	15148	2	0	2	149	14990	2	0	2	147	15779	2	0	2	155											
		T3W	14655	2	0	3	144	15292	2	0	3	150	15292	2	0	3	150	15133	2	0	3	148	15929	2	0	3	156											
		T3LG	14629	3	0	3	144	15265	3	0	3	150	15265	3	0	3	150	15106	3	0	3	148	15901	3	0	3	156											
		T4	14392	3	0	3	141	15017	3	0	3	147	15017	3	0	3	147	14861	3	0	3	146	15643	3	0	3	153											
		T4A	15286	3	0	2	150	15951	3	0	2	157	15951	3	0	2	157	15785	3	0	2	155	16615	3	0	2	163											
		T4LG	14586	3	0	2	143	15220	3	0	2	149	15220	3	0	2	149	15062	3	0	2	148	15854	3	0	2	156											
		T4FT	14816	2	0	3	145	15461	2	0	3	152	15461	2	0	3	152	15299	2	0	3	150	16105	3	0	3	158											
		T5	15138	4	0	2	149	15796	4	0	2	155	15796	4	0	2	155	15631	4	0	2	153	16454	4	0	2	161											
		T5LG	14730	4	0	2	145	15370	4	0	2	151	15370	4	0	2	151	15210	4	0	2	149	16011	4	0	2	157											
		T5W	14718	4	0	2	144	15358	4	0	2	151	15358	4	0	2	151	15198	4	0	2	149	15998	4	0	2	157											
		T5WW	14005	4	0	2	137	14614	4	0	2	143	14614	4	0	2	143	14461	4	0	2	142	15222	4	0	2	149											
		FN	15118	5	0	1	148	15775	5	0	1	155	15775	5	0	1	155	15611	5	0	1	153	16433	5	0	1	161											
		FM	15249	5	0	1	150	15912	5	0	1	156	15912	5	0	1	156	15746	5	0	1	155	16575	5	0	1	163											
		FW	15463	4	0	1	152	16135	4	0	1	158	16135	4	0	1	158	15967	4	0	1	157	16808	4	0	1	165											
48LD	1050 mA (157.2W)	T1	20371	5	0	5	130	21257	5	0	5	135	21257	5	0	5	135	21035	5	0	5	134	22142	5	0	5	141											
		T2	20186	3	0	4	128	21063	3	0	4	134	21063	3	0	4	134	20844	3	0	4	133	21941	3	0	4	140											
		T3R	20309	3	0	3	129	21192	3	0	3	135	21192	3	0	3	135	20971	3	0	3	133	22075	3	0	4	140											
		T3	20155	3	0	3	128	21031	3	0	3	134	21031	3	0	3	134	20812	3	0	3	132	21907	3	0	3	139											
		T3W	20346	3	0	3	129	21231	3	0	3	135	21231	3	0	3	135	21010	3	0	3	133	22116	3	0	3	141											
		T3LG	20311	3	0	3	129	21194	3	0	3	135	21194	3	0	3	135	20973	3	0	3	133	22077	3	0	3	140											
		T4	1																																			

VMXII LED SPECIFICATIONS / Forward Optics																													
Led Count	Current & Watts	Distribution Type	CRI																										
			27K				30K				35K				40K				50K										
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW		
64LD	350 mA (65.7W)	T1	10354	4	0	4	158	10804	4	0	4	164	10804	4	0	4	164	10691	4	0	4	163	11254	4	0	4	171		
		T2	10260	2	0	3	156	10706	2	0	3	163	10706	2	0	3	163	10594	2	0	3	161	11152	3	0	3	170		
		T3R	10322	2	0	3	157	10771	2	0	3	164	10771	2	0	3	164	10659	2	0	3	162	11220	3	0	3	171		
		T3	10244	2	0	2	156	10689	2	0	2	163	10689	2	0	2	163	10578	2	0	2	161	11135	2	0	2	169		
		T3W	10341	2	0	2	157	10791	2	0	2	164	10791	2	0	2	164	10678	2	0	2	162	11240	2	0	2	171		
		T3LG	10323	2	0	2	157	10772	2	0	2	164	10772	2	0	2	164	10660	2	0	2	162	11221	2	0	2	171		
		T4	10156	2	0	2	155	10697	2	0	2	161	10697	2	0	2	161	10487	2	0	2	160	11039	3	0	3	168		
		T4A	10787	2	0	1	164	11256	2	0	2	171	11256	2	0	2	171	11139	2	0	2	169	11725	2	0	2	178		
		T4LG	10293	2	0	2	157	10740	2	0	2	163	10740	2	0	2	163	10628	2	0	2	162	11188	2	0	2	170		
		T4FT	10455	2	0	3	159	10910	2	0	3	166	10910	2	0	3	166	10796	2	0	3	164	11364	2	0	3	173		
		T5	10682	3	0	2	163	11146	3	0	2	170	11146	3	0	2	170	11030	3	0	2	168	11611	3	0	2	177		
		T5LG	10394	3	0	2	158	10846	3	0	2	165	10846	3	0	2	165	10733	3	0	2	163	11298	3	0	2	172		
		T5W	10386	3	0	2	158	10838	3	0	2	165	10838	3	0	2	165	10725	3	0	2	163	11289	4	0	2	172		
		T5WW	9882	3	0	2	150	10312	4	0	2	157	10312	4	0	2	157	10205	4	0	2	155	10742	4	0	2	163		
		FN	10668	4	0	1	162	11132	4	0	1	169	11132	4	0	1	169	11016	4	0	1	168	11596	4	0	1	176		
		FM	10761	4	0	1	164	11229	4	0	1	171	11229	4	0	1	171	11112	4	0	1	169	11696	4	0	1	178		
FW	10912	3	0	1	166	11386	3	0	1	173	11386	3	0	1	173	11267	3	0	1	171	11860	3	0	1	180				
64LD	530 mA (101.4W)	T1	15129	4	0	4	149	15786	4	0	4	156	15786	4	0	4	156	15622	4	0	4	154	16444	4	0	4	162		
		T2	14991	3	0	3	148	15643	3	0	3	154	15643	3	0	3	154	15480	3	0	3	153	16294	3	0	3	161		
		T3R	15082	3	0	3	149	15738	3	0	3	155	15738	3	0	3	155	15574	3	0	3	154	16394	3	0	3	162		
		T3	14968	2	0	2	148	15619	2	0	2	154	15619	2	0	2	154	15456	2	0	2	152	16270	2	0	2	160		
		T3W	15110	2	0	3	149	15767	2	0	3	156	15767	2	0	3	156	15603	2	0	3	154	16424	2	0	3	162		
		T3LG	15084	3	0	3	149	15740	3	0	3	155	15740	3	0	3	155	15576	3	0	3	154	16396	3	0	3	162		
		T4	14839	3	0	3	146	15484	3	0	3	153	15484	3	0	3	153	15323	3	0	3	151	16130	3	0	3	159		
		T4A	15761	3	0	2	155	16447	3	0	2	162	16447	3	0	2	162	16275	3	0	2	161	17132	3	0	2	169		
		T4LG	15039	3	0	2	148	15693	3	0	2	155	15693	3	0	2	155	15530	3	0	2	153	16347	3	0	3	161		
		T4FT	15277	2	0	3	151	15941	3	0	3	157	15941	3	0	3	157	15775	3	0	3	156	16605	3	0	3	164		
		T5	15608	4	0	2	154	16287	4	0	2	161	16287	4	0	2	161	16117	4	0	2	159	16965	4	0	2	167		
		T5LG	15188	4	0	2	150	15848	4	0	2	156	15848	4	0	2	156	15683	4	0	2	155	16509	4	0	2	163		
		T5W	15176	4	0	2	150	15836	4	0	2	156	15836	4	0	2	156	15671	4	0	2	155	16495	4	0	2	163		
		T5WW	14440	4	0	2	142	15068	4	0	2	149	15068	4	0	2	149	14911	4	0	2	147	15996	4	0	2	155		
		FN	15586	5	0	1	154	16266	5	0	1	160	16266	5	0	1	160	16096	5	0	1	159	16943	5	0	1	167		
		FM	15723	5	0	1	155	16407	5	0	1	162	16407	5	0	1	162	16236	5	0	1	160	17091	5	0	1	169		
FW	15944	4	0	1	157	16637	4	0	1	164	16637	4	0	1	164	16463	4	0	1	162	17330	4	0	1	171				
64LD	700 mA (135.9W)	T1	19277	4	0	4	142	20115	4	0	4	148	20115	4	0	4	148	19906	4	0	4	146	20953	5	0	5	154		
		T2	19102	3	0	4	141	19932	3	0	4	147	19932	3	0	4	147	19725	3	0	4	145	20763	3	0	4	153		
		T3R	19218	3	0	3	141	20054	3	0	3	148	20054	3	0	3	148	19845	3	0	3	146	20889	3	0	3	154		
		T3	19072	3	0	3	140	19902	3	0	3	146	19902	3	0	3	146	19694	3	0	3	145	20731	3	0	3	153		
		T3W	19254	3	0	3	142	20091	3	0	3	148	20091	3	0	3	148	19882	3	0	3	146	20928	3	0	3	154		
		T3LG	19220	3	0	3	141	20056	3	0	3	148	20056	3	0	3	148	19847	3	0	3	146	20892	3	0	3	154		
		T4	18908	3	0	3	139	19730	3	0	3	145	19730	3	0	3	145	19525	3	0	3	144	20552	3	0	3	151		
		T4A	20083	3	0	2	148	20957	3	0	2	154	20957	3	0	2	154	20738	3	0	2	153	21830	3	0	2	161		
		T4LG	19164	3	0	3	141	19997	3	0	3	147	19997	3	0	3	147	19788	3	0	3	146	20830	3	0	3	153		
		T4FT	19466	3	0	3	143	20312	3	0	4	149	20312	3	0	4	149	20101	3	0	4	148	21159	3	0	4	156		
		T5	19888	4	0	2	146	20753	4	0	2	153	20753	4	0	2	153	20537	4	0	2	151	21618	4	0	2	159		
		T5LG	19353	4	0	2	142	20194	4	0	2	149	20194	4	0	2	149	19984	4	0	2	147	21035	4	0	2	155		
		T5W	19337	4	0	2	142	20178	4	0	2	148	20178	4	0	2	148	19968	4	0	2	147	21019	4	0	2	155		
		T5WW	18400	4	0	2	135	19200	4	0	3	141	19200	4	0	3	141	19000	4	0	3	140	20000	5	0	3	147		
		FN	19862	5	0	2	146	20726	5	0	2	153	20726	5	0	2	153	20510	5	0	2	151	21590	5	0	2	159		
		FM	20035	5	0	1	147	20906	5	0	1	154	20906	5	0	1	154	20688	5	0	1	152	21777	5	0	2	160		
FW	20316	4	0	1	150	21199	4	0	1	156	21199	4	0	1	156	20978	4	0	1	154	22062	4	0	1	163				
64LD	1050 mA (209.6W)	T1	26764	5	0	5	128	27928	5	0	5	133	27928	5	0	5	133	27637	5	0	5	132	29091	5	0	5	139		
		T2	26521	3	0	4	127	27674	4	0	5	132	27674	4	0	5	132	27385	3	0	4	131	28827	4	0	5	138		
		T3R	26682	3	0	4	127	27843	4	0	4	133	27843	4	0	4	133	27552	4	0	4	131	29003	4	0	4	138		
		T3	26480	3	0	3	126	27631	3	0	3	132	27631	3	0	3	132	27343	3	0	3	130	28783	3	0	3	137		
		T3W	26732	3	0	4	128	27894	3	0	4	133	27894	3	0	4	133	27603	3	0	4	132	29056	3	0	4	139		
		T3LG	26685	3	0	3	127	27845	3	0	3	133	27845	3	0	3	133	27555	3	0	3	131	29006	4	0	3	138		
		T4	26252	3	0	4	125	27393	3	0	4	131	27393	3	0	4	131	27108	3	0	4	129	28535	4	0	4	136		
		T4A	27884	3	0	3	133	29096	3	0	3	139	29096	3	0	3	139	28793	3	0	3	137	30308	3	0	3	145		
		T4LG	26606	3	0	3	127	27763	3	0	3	132	27763	3	0	3	132	27474	3	0	3	131	28920	3	0	3	138		
		T4FT	27026	3	0	4	129	2																					

VMX-II LED SPECIFICATIONS / Forward Optics																																
Led Count	Current & Watts	Distribution Type	70CRI																													
			27K					30K					35K					40K					50K									
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW					
80LD	350 mA (82.2W)	T1	12913	4	0	4	157	13475	4	0	4	164	13475	4	0	4	164	13334	4	0	4	162	14036	4	0	4	171	14036	4	0	4	171
		T2	12796	3	0	3	156	13352	3	0	3	163	13352	3	0	3	163	13213	3	0	3	161	13909	3	0	3	169	13909	3	0	3	169
		T3R	12874	3	0	3	157	13434	3	0	3	164	13434	3	0	3	164	13294	3	0	3	162	13994	3	0	3	170	13994	3	0	3	170
		T3	12776	2	0	2	156	13332	2	0	2	162	13332	2	0	2	162	13193	2	0	2	161	13887	2	0	2	169	13887	2	0	2	169
		T3W	12898	2	0	3	157	13459	2	0	3	164	13459	2	0	3	164	13318	2	0	3	162	14019	2	0	3	171	14019	2	0	3	171
		T3LG	12875	3	0	2	157	13435	3	0	2	164	13435	3	0	2	164	13295	3	0	2	162	13995	3	0	2	170	13995	3	0	2	170
		T4	12666	3	0	3	154	13217	3	0	3	161	13217	3	0	3	161	13079	3	0	3	159	13768	3	0	3	168	13768	3	0	3	168
		T4A	13454	2	0	2	164	14039	3	0	2	171	14039	3	0	2	171	13892	3	0	2	169	14623	3	0	2	178	14623	3	0	2	178
		T4LG	12837	2	0	2	156	13396	2	0	2	163	13396	2	0	2	163	13256	2	0	2	161	13954	2	0	2	170	13954	2	0	2	170
		T4FT	13040	2	0	3	159	13607	2	0	3	166	13607	2	0	3	166	13465	2	0	3	164	14174	2	0	3	173	14174	2	0	3	173
		T5	13323	3	0	2	162	13902	3	0	2	169	13902	3	0	2	169	13757	3	0	2	167	14481	4	0	2	176	14481	4	0	2	176
		T5LG	12964	3	0	2	158	13528	3	0	2	165	13528	3	0	2	165	13387	3	0	2	163	14091	4	0	2	172	14091	4	0	2	172
		T5W	12954	4	0	2	158	13517	4	0	2	165	13517	4	0	2	165	13376	4	0	2	163	14080	4	0	2	171	14080	4	0	2	171
		T5WW	12326	4	0	2	150	12862	4	0	2	157	12862	4	0	2	157	12728	4	0	2	155	13397	4	0	2	163	13397	4	0	2	163
		FN	13306	4	0	1	162	13884	4	0	1	169	13884	4	0	1	169	13739	4	0	1	167	14463	5	0	1	176	14463	5	0	1	176
		FM	13421	4	0	1	163	14005	4	0	1	170	14005	4	0	1	170	13859	4	0	1	169	14588	4	0	1	178	14588	4	0	1	178
		FW	13609	3	0	1	166	14201	3	0	1	173	14201	3	0	1	173	14053	3	0	1	171	14793	3	0	1	180	14793	3	0	1	180
		80LD	530 mA (126.7W)	T1	18869	4	0	4	149	19689	4	0	4	155	19689	4	0	4	155	19484	4	0	4	154	20509	5	0	5	162	20509	5	0
T2	18697			3	0	4	148	19510	3	0	4	154	19510	3	0	4	154	19307	3	0	4	152	20323	3	0	4	160	20323	3	0	4	160
T3R	18811			3	0	3	148	19629	3	0	3	155	19629	3	0	3	155	19425	3	0	3	153	20447	3	0	3	161	20447	3	0	3	161
T3	18668			3	0	3	147	19480	3	0	3	154	19480	3	0	3	154	19277	3	0	3	152	20292	3	0	3	160	20292	3	0	3	160
T3W	18846			3	0	3	149	19665	3	0	3	155	19665	3	0	3	155	19460	3	0	3	154	20485	3	0	3	162	20485	3	0	3	162
T3LG	18813			3	0	3	148	19631	3	0	3	155	19631	3	0	3	155	19427	3	0	3	153	20449	3	0	3	161	20449	3	0	3	161
T4	18508			3	0	3	146	19312	3	0	3	152	19312	3	0	3	152	19111	3	0	3	151	20117	3	0	3	159	20117	3	0	3	159
T4A	19658			3	0	2	155	20513	3	0	2	162	20513	3	0	2	162	20299	3	0	2	160	21367	3	0	2	169	21367	3	0	2	169
T4LG	18758			3	0	3	148	19573	3	0	3	154	19573	3	0	3	154	19369	3	0	3	153	20389	3	0	3	161	20389	3	0	3	161
T4FT	19054			3	0	3	150	19882	3	0	4	157	19882	3	0	4	157	19675	3	0	3	155	20711	3	0	4	163	20711	3	0	4	163
T5	19467			4	0	2	154	20313	4	0	2	160	20313	4	0	2	160	20102	4	0	2	159	21160	4	0	2	167	21160	4	0	2	167
T5LG	18943			4	0	2	149	19766	4	0	2	156	19766	4	0	2	156	19560	4	0	2	154	20590	4	0	2	162	20590	4	0	2	162
T5W	18927			4	0	2	149	19750	4	0	2	156	19750	4	0	2	156	19545	4	0	2	154	20573	4	0	2	162	20573	4	0	2	162
T5WW	18010			4	0	2	142	18793	4	0	3	148	18793	4	0	3	148	18597	4	0	2	147	19576	4	0	3	154	19576	4	0	3	154
FN	19442			5	0	1	153	20287	5	0	2	160	20287	5	0	2	160	20076	5	0	2	158	21132	5	0	2	167	21132	5	0	2	167
FM	19610			5	0	1	155	20463	5	0	1	161	20463	5	0	1	161	20250	5	0	1	160	21316	5	0	2	168	21316	5	0	2	168
FW	19885			4	0	1	157	20750	4	0	1	164	20750	4	0	1	164	20534	4	0	1	162	21614	4	0	1	171	21614	4	0	1	171
80LD	700 mA (169.9W)			T1	24043	5	0	5	142	25088	5	0	5	148	25088	5	0	5	148	24827	5	0	5	146	26133	5	0	5	154	26133	5	0
		T2	23824	3	0	4	140	24860	3	0	4	146	24860	3	0	4	146	24601	3	0	4	145	25896	3	0	4	152	25896	3	0	4	152
		T3R	23969	3	0	4	141	25012	3	0	4	147	25012	3	0	4	147	24751	3	0	4	146	26054	3	0	4	153	26054	3	0	4	153
		T3	23788	3	0	3	140	24822	3	0	3	146	24822	3	0	3	146	24563	3	0	3	145	25856	3	0	3	152	25856	3	0	3	152
		T3W	24014	3	0	3	141	25058	3	0	3	148	25058	3	0	3	148	24797	3	0	3	146	26102	3	0	4	154	26102	3	0	4	154
		T3LG	23972	3	0	3	141	25014	3	0	3	147	25014	3	0	3	147	24754	3	0	3	146	26056	3	0	3	153	26056	3	0	3	153
		T4	23583	3	0	3	139	24608	3	0	4	145	24608	3	0	4	145	24352	3	0	3	143	25633	3	0	4	151	25633	3	0	4	151
		T4A	25048	3	0	3	147	26137	3	0	3	154	26137	3	0	3	154	25865	3	0	3	152	27227	3	0	3	160	27227	3	0	3	160
		T4LG	23901	3	0	3	141	24940	3	0	3	147	24940	3	0	3	147	24681	3	0	3	145	25980	3	0	3	153	25980	3	0	3	153
		T4FT	24278	3	0	4	143	25334	3	0	4	149	25334	3	0	4	149	25070	3	0	4	148	26390	3	0	4	155	26390	3	0	4	155
		T5	24805	4	0	2	146	25884	4	0	2	152	25884	4	0	2	152	25614	4	0	2	151	26962	4	0	2	159	26962	4	0	2	159
		T5LG	24137	4	0	2	142	25186	4	0	2	148	25186	4	0	2	148	24924	4	0	2	147	26236	4	0	2	154	26236	4	0	2	154
		T5W	24118	5	0	3	142	25166	5	0	3	148	25166	5	0	3	148	24904	5	0	3	147	26215	5	0	3	154	26215	5	0	3	154
		T5WW	22948	5	0	3	135	23946	5	0	3	141	23946	5	0	3	141	23697	5	0	3											

VMX-II LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
96LD	350 mA (98.6W)	T1	15453	4	0	4	157	16125	4	0	4	164	16125	4	0	4	164	15957	4	0	4	162	16797	4	0	4	170
		T2	15312	3	0	3	155	15978	3	0	3	162	15978	3	0	3	162	15812	3	0	3	160	16644	3	0	3	169
		T3R	15406	3	0	3	156	16076	3	0	3	163	16076	3	0	3	163	15908	3	0	3	161	16745	3	0	3	170
		T3	15289	2	0	2	155	15954	2	0	2	162	15954	2	0	2	162	15787	2	0	2	160	16618	2	0	2	169
		T3W	15434	2	0	3	157	16105	2	0	3	163	16105	2	0	3	163	15937	2	0	3	162	16776	3	0	3	170
		T3LG	15407	3	0	3	156	16077	3	0	3	163	16077	3	0	3	163	15910	3	0	3	161	16747	3	0	3	170
		T4	15157	3	0	3	154	15816	3	0	3	160	15816	3	0	3	160	15652	3	0	3	159	16475	3	0	3	167
		T4A	16099	3	0	2	163	16799	3	0	2	170	16799	3	0	2	170	16624	3	0	2	169	17499	3	0	2	177
		T4LG	15362	3	0	2	156	16030	3	0	2	163	16030	3	0	2	163	15863	3	0	2	161	16698	3	0	3	169
		T4FT	15604	2	0	3	158	16283	3	0	3	165	16283	3	0	3	165	16113	3	0	3	163	16961	3	0	3	172
		T5	15943	4	0	2	162	16636	4	0	2	169	16636	4	0	2	169	16463	4	0	2	167	17329	4	0	2	176
		T5LG	15513	4	0	2	157	16188	4	0	2	164	16188	4	0	2	164	16019	4	0	2	162	16862	4	0	2	171
		T5W	15501	4	0	2	157	16175	4	0	2	164	16175	4	0	2	164	16007	4	0	2	162	16849	4	0	2	171
		T5WW	14750	4	0	2	150	15391	4	0	2	156	15391	4	0	2	156	15231	4	0	2	154	16032	4	0	2	163
		FN	15922	5	0	1	161	16614	5	0	1	169	16614	5	0	1	169	16441	5	0	1	167	17307	5	0	1	176
		FM	16060	5	0	1	163	16759	5	0	1	170	16759	5	0	1	170	16584	5	0	1	168	17457	5	0	1	177
		FW	16285	4	0	1	165	16993	4	0	1	172	16993	4	0	1	172	16816	4	0	1	171	17702	4	0	1	180
		96LD	530 mA (152.1W)	T1	22580	5	0	5	148	23561	5	0	5	155	23561	5	0	5	155	23316	5	0	5	153	24543	5	0
T2	22374			3	0	4	147	23347	3	0	4	154	23347	3	0	4	154	23104	3	0	4	152	24320	3	0	4	160
T3R	22511			3	0	4	148	23490	3	0	4	154	23490	3	0	4	154	23245	3	0	4	153	24468	3	0	4	161
T3	22340			3	0	3	147	23311	3	0	3	153	23311	3	0	3	153	23069	3	0	3	152	24283	3	0	3	160
T3W	22552			3	0	3	148	23533	3	0	3	155	23533	3	0	3	155	23288	3	0	3	153	24513	3	0	3	161
T3LG	22513			3	0	3	148	23492	3	0	3	154	23492	3	0	3	154	23247	3	0	3	153	24471	3	0	3	161
T4	22148			3	0	3	146	23111	3	0	3	152	23111	3	0	3	152	22870	3	0	3	150	24074	3	0	3	158
T4A	23524			3	0	3	155	24547	3	0	3	161	24547	3	0	3	161	24291	3	0	3	160	25570	3	0	3	168
T4LG	22447			3	0	3	148	23423	3	0	3	154	23423	3	0	3	154	23179	3	0	3	152	24399	3	0	3	160
T4FT	22801			3	0	4	150	23792	3	0	4	156	23792	3	0	4	156	23545	3	0	4	155	24784	3	0	4	163
T5	23296			4	0	2	153	24308	4	0	2	160	24308	4	0	2	160	24055	4	0	2	158	25321	4	0	2	167
T5LG	22688			4	0	2	149	23654	4	0	2	156	23654	4	0	2	156	23407	4	0	2	154	24639	4	0	2	162
T5W	22650			5	0	3	149	23635	5	0	3	155	23635	5	0	3	155	23389	5	0	3	154	24620	5	0	3	162
T5WW	21552			5	0	3	142	22489	5	0	3	148	22489	5	0	3	148	22255	5	0	3	146	23426	5	0	3	154
FN	23265			5	0	2	153	24277	5	0	2	160	24277	5	0	2	160	24024	5	0	2	158	25288	5	0	2	166
FM	23467			5	0	2	154	24488	5	0	2	161	24488	5	0	2	161	24233	5	0	2	159	25508	5	0	2	168
FW	23796			4	0	1	156	24831	4	0	1	163	24831	4	0	1	163	24572	4	0	1	162	25865	5	0	1	170
96LD	700 mA (203.8 W)			T1	28772	5	0	5	141	30023	5	0	5	147	30023	5	0	5	147	29711	5	0	5	146	31274	5	0
		T2	28511	4	0	5	140	29750	4	0	5	146	29750	4	0	5	146	29440	4	0	5	144	30900	4	0	5	152
		T3R	28685	4	0	4	141	29932	4	0	4	147	29932	4	0	4	147	29690	4	0	4	145	31179	4	0	4	153
		T3	28467	3	0	3	140	29705	3	0	3	146	29705	3	0	3	146	29395	3	0	3	144	30942	3	0	3	152
		T3W	28738	3	0	4	141	29987	3	0	4	147	29987	3	0	4	147	29675	3	0	4	146	31236	3	0	4	153
		T3LG	28688	3	0	3	141	29935	4	0	3	147	29935	4	0	3	147	29623	4	0	3	145	31182	4	0	4	153
		T4	28222	4	0	4	138	29449	4	0	4	144	29449	4	0	4	144	29142	4	0	4	143	30676	4	0	4	150
		T4A	29976	3	0	3	147	31279	3	0	3	153	31279	3	0	3	153	30953	3	0	3	152	32583	3	0	3	160
		T4LG	28603	3	0	3	140	29847	3	0	3	146	29847	3	0	3	146	29536	3	0	3	145	31090	3	0	3	153
		T4FT	29055	3	0	4	143	30318	3	0	5	149	30318	3	0	5	149	30002	3	0	5	147	31581	3	0	5	155
		T5	29685	5	0	3	146	30975	5	0	3	152	30975	5	0	3	152	30653	5	0	3	150	32266	5	0	3	158
		T5LG	28885	5	0	3	142	30141	5	0	3	148	30141	5	0	3	148	29827	5	0	3	146	31397	5	0	3	154
		T5W	28862	5	0	3	142	30117	5	0	3	148	30117	5	0	3	148	29803	5	0	3	146	31372	5	0	3	154
		T5WW	27463	5	0	3	135	28657	5	0	4	141	28657	5	0	4	141	28358	5	0	4	139	29651	5	0	4	146
		FN	29646	5	0	2	145	30935	5	0	2	152	30935	5	0	2	152	30613	5	0	2	150	32224	5	0	2	158
		FM	29903	5	0	2	147	31204	5	0	2	153	31204	5	0	2	153	30879	5	0	2	151	32504	5	0	2	159
		FW	30323	5	0	1	149	31641	5	0	1	155	31641	5	0	1	155	31311	5	0	1	154	32959	5	0	1	162
		96LD	1050 mA (314.4W)	T1	39945	5	0	5	127	41681	5	0	5	133	41681	5	0	5	133	41247	5	0	5	131	43418	5	0
T2	39581			4	0	5	126	41302	4	0	5	131	41302	4	0	5	131	40872	4	0	5	130	43023	4	0	5	137
T3R	39823			4	0	5	127	41554	4	0	5	132	41554	4	0	5	132	41122	4	0	5	131	43286	4	0	5	138
T3	39521			3	0	4	126	41239	3	0	4	131	41239	3	0	4	131	40810	3	0	4	130	42957	4	0	4	137
T3W	39896			3	0	4	127	41631	3	0	5	132	41631	3	0	5	132	41197	3	0	4	131	43366	4	0	5	

VMX-II-BHS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
48LD	350 mA (49.3W)	T1	5749	1	0	2	117	5999	1	0	2	122	5999	1	0	2	122	5936	1	0	2	120	6249	1	0	2	127
		T2	5458	0	0	2	111	5695	0	0	2	116	5695	0	0	2	116	5636	0	0	2	114	5932	0	0	2	120
		T3R	5914	0	0	2	120	6171	0	0	2	125	6171	0	0	2	125	6106	0	0	2	124	6428	0	0	2	130
		T3	6064	0	0	2	123	6328	0	0	2	128	6328	0	0	2	128	6262	0	0	2	127	6592	0	0	2	134
		T3W	6141	0	0	2	125	6408	0	0	2	130	6408	0	0	2	130	6341	0	0	2	129	6675	0	0	2	135
		T3LG	5956	1	0	2	121	6215	1	0	2	126	6215	1	0	2	126	6150	1	0	2	125	6474	1	0	2	131
		T4	5921	0	0	2	120	6178	0	0	2	125	6178	0	0	2	125	6114	0	0	2	124	6436	0	0	2	131
		T4A	6395	1	0	1	130	6673	1	0	1	135	6673	1	0	1	135	6604	1	0	1	134	6951	1	0	1	141
		T4LG	6358	1	0	2	129	6634	1	0	2	135	6634	1	0	2	135	6565	1	0	2	133	6911	1	0	2	140
		T4FT	6131	2	0	2	124	6398	2	0	2	130	6398	2	0	2	130	6331	2	0	2	128	6664	2	0	2	135
		T5	5420	0	0	2	110	5656	0	0	2	115	5656	0	0	2	115	5597	0	0	2	114	5892	0	0	2	120
		T5LG	5614	1	0	1	114	5858	1	0	1	119	5858	1	0	1	119	5797	1	0	1	118	6102	1	0	1	124
		T5W	5241	0	0	2	106	5469	0	0	2	111	5469	0	0	2	111	5412	0	0	2	110	5697	0	0	2	116
		T5WW	4960	0	0	3	101	5175	0	0	3	105	5175	0	0	3	105	5121	0	0	3	104	5391	0	0	3	109
		FN	5983	3	0	1	121	6243	3	0	2	127	6243	3	0	2	127	6178	3	0	2	125	6503	3	0	2	132
		FM	6035	3	0	2	122	6297	3	0	2	128	6297	3	0	2	128	6232	3	0	2	126	6560	3	0	2	133
		FW	5595	1	0	1	113	5838	1	0	1	118	5838	1	0	1	118	5778	1	0	1	117	6082	1	0	1	123
48LD	530 mA (76.0W)	T1	8400	1	0	2	110	8765	1	0	2	115	8765	1	0	2	115	8674	1	0	2	114	9131	1	0	2	120
		T2	7975	0	0	2	105	8322	0	0	3	109	8322	0	0	3	109	8235	0	0	2	108	8668	1	0	3	114
		T3R	8641	0	0	2	114	9016	0	0	2	119	9016	0	0	2	119	8922	0	0	2	117	9392	0	0	2	124
		T3	8861	0	0	2	117	9246	0	0	2	122	9246	0	0	2	122	9150	0	0	2	120	9631	0	0	2	127
		T3W	8973	1	0	2	118	9363	1	0	2	123	9363	1	0	2	123	9266	1	0	2	122	9754	1	0	2	128
		T3LG	8703	1	0	2	114	9081	1	0	2	119	9081	1	0	2	119	8987	1	0	2	118	9460	1	0	2	124
		T4	8651	0	0	2	114	9027	0	0	2	119	9027	0	0	2	119	8933	0	0	2	117	9403	0	0	2	124
		T4A	9345	1	0	1	123	9751	1	0	1	128	9751	1	0	1	128	9649	1	0	1	127	10157	1	0	1	134
		T4LG	9290	1	0	2	122	9694	1	0	2	127	9694	1	0	2	127	9593	1	0	2	126	10098	1	0	2	133
		T4FT	8958	2	0	3	118	9348	2	0	3	123	9348	2	0	3	123	9251	2	0	3	122	9737	2	0	3	128
		T5	7920	1	0	2	104	8264	1	0	2	109	8264	1	0	2	109	8178	1	0	2	108	8609	1	0	2	113
		T5LG	8203	1	0	2	108	8560	1	0	2	113	8560	1	0	2	113	8470	1	0	2	111	8916	1	0	2	117
		T5W	7659	1	0	2	101	7992	1	0	2	105	7992	1	0	2	105	7908	1	0	2	104	8325	1	0	2	109
		T5WW	7247	1	0	3	95	7562	1	0	3	99	7562	1	0	3	99	7483	1	0	3	98	7877	1	0	3	104
		FN	8742	3	0	2	115	9122	3	0	2	120	9122	3	0	2	120	9027	3	0	2	119	9502	3	0	2	125
		FM	8818	3	0	2	116	9202	3	0	2	121	9202	3	0	2	121	9106	3	0	2	120	9585	3	0	2	126
		FW	8175	1	0	1	108	8531	1	0	2	112	8531	1	0	2	112	8442	1	0	1	111	8886	2	0	2	117
48LD	700 mA (101.9W)	T1	10704	1	0	2	105	11169	1	0	2	110	11169	1	0	2	110	11053	1	0	2	108	11634	1	0	2	114
		T2	10162	1	0	3	100	10603	1	0	3	104	10603	1	0	3	104	10493	1	0	3	103	11045	1	0	3	108
		T3R	11010	0	0	3	108	11489	0	0	3	113	11489	0	0	3	113	11369	0	0	3	112	11968	0	0	3	117
		T3	11291	0	0	2	111	11782	0	0	2	116	11782	0	0	2	116	11659	0	0	2	114	12273	0	0	2	120
		T3W	11434	1	0	2	112	11931	1	0	3	117	11931	1	0	3	117	11807	1	0	3	116	12428	1	0	3	122
		T3LG	11089	1	0	2	109	11572	1	0	2	114	11572	1	0	2	114	11451	1	0	2	112	12054	2	0	2	118
		T4	11023	1	0	3	108	11503	1	0	3	113	11503	1	0	3	113	11383	1	0	3	112	11982	1	0	3	118
		T4A	11907	1	0	1	117	12425	1	0	1	122	12425	1	0	1	122	12295	1	0	1	121	12943	1	0	1	127
		T4LG	11837	1	0	2	116	12352	2	0	2	121	12352	2	0	2	121	12224	2	0	2	120	12867	2	0	2	126
		T4FT	11415	3	0	3	112	11911	3	0	3	117	11911	3	0	3	117	11787	3	0	3	116	12408	3	0	3	122
		T5	10092	1	0	2	99	10531	1	0	2	103	10531	1	0	2	103	10421	1	0	2	102	10969	1	0	2	108
		T5LG	10452	2	0	2	103	10907	2	0	2	107	10907	2	0	2	107	10793	2	0	2	106	11361	2	0	2	111
		T5W	9759	1	0	3	96	10183	1	0	3	100	10183	1	0	3	100	10077	1	0	3	99	10607	1	0	3	104
		T5WW	9234	1	0	4	91	9635	1	0	4	95	9635	1	0	4	95	9535	1	0	4	94	10037	1	0	4	98
		FN	11140	3	0	2	109	11624	3	0	2	114	11624	3	0	2	114	11503	3	0	2	113	12108	3	0	2	119
		FM	11236	3	0	2	110	11725	3	0	2	115	11725	3	0	2	115	11603	3	0	2	114	12213	3	0	3	120
		FW	10417	2	0	2	102	10870	2	0	2	107	10870	2	0	2	107	10757	2	0	2	106	11323	2	0	2	111
48LD	1050 mA (157.2W)	T1	14861	2	0	3	95	15507	2	0	3	99	15507	2	0	3	99	15345	2	0	3	98	16153	2	0	3	103
		T2	14108	1	0	3	90	14722	1	0	3	94	14722	1	0	3	94	14568	1	0	3	93	15335	1	0	3	98
		T3R	15286	0	0	3	97	15951	0	0	3	101	15951	0	0	3	101	15785	0	0	3	100	16616	1	0	3	106
		T3	15676	1	0	3	100	16358	1	0	3	104	16358	1	0	3	104	16187	1	0	3	103	17039	1	0	3	108
		T3W	15875	1	0	3	101	16565	1	0	3	105	16565	1	0	3	105	16392	1	0	3	104	17255	1	0	3	110
		T3LG	15396	2	0	2	98	16066	2	0	3	102	16066	2	0	3	102	15898	2	0	3	101	16735	2	0	3	106
		T4	15305	1	0	3	97	15970	1	0	4	102	15970	1	0	4	102	15804	1	0	3	101	16636	1	0	4	

VMX-II-BHS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
64LD	350 mA (65.7W)	T1	7553	1	0	2	115	7881	1	0	2	120	7881	1	0	2	120	7799	1	0	2	119	8210	1	0	2	125
		T2	7171	0	0	2	109	7482	0	0	2	114	7482	0	0	2	114	7404	0	0	2	113	7794	0	0	2	119
		T3R	7769	0	0	2	118	8107	0	0	2	123	8107	0	0	2	123	8023	0	0	2	122	8445	0	0	2	128
		T3	7967	0	0	2	121	8314	0	0	2	126	8314	0	0	2	126	8227	0	0	2	125	8660	0	0	2	132
		T3W	8068	1	0	2	123	8419	1	0	2	128	8419	1	0	2	128	8332	1	0	2	127	8770	1	0	2	133
		T3LG	7825	1	0	2	119	8166	1	0	2	124	8166	1	0	2	124	8081	1	0	2	123	8506	1	0	2	129
		T4	7779	0	0	2	118	8117	0	0	2	123	8117	0	0	2	123	8032	0	0	2	122	8455	0	0	2	129
		T4A	8402	1	0	1	128	8768	1	0	1	133	8768	1	0	1	133	8676	1	0	1	132	9133	1	0	1	139
		T4LG	8353	1	0	2	127	8716	1	0	2	133	8716	1	0	2	133	8626	1	0	2	131	9080	1	0	2	138
		T4FT	8055	2	0	3	123	8405	2	0	3	128	8405	2	0	3	128	8318	2	0	3	127	8756	2	0	3	133
		T5	7121	1	0	2	108	7431	1	0	2	113	7431	1	0	2	113	7354	1	0	2	112	7741	1	0	2	118
		T5LG	7376	1	0	2	112	7696	1	0	2	117	7696	1	0	2	117	7616	1	0	2	116	8017	1	0	2	122
		T5W	6886	1	0	2	105	7186	1	0	2	109	7186	1	0	2	109	7111	1	0	2	108	7485	1	0	2	114
		T5WW	6516	1	0	3	99	6799	1	0	3	103	6799	1	0	3	103	6728	1	0	3	102	7083	1	0	3	108
		FN	7861	3	0	2	120	8203	3	0	2	125	8203	3	0	2	125	8117	3	0	2	123	8544	3	0	2	130
		FM	7929	3	0	2	121	8274	3	0	2	126	8274	3	0	2	126	8188	3	0	2	125	8618	3	0	2	131
		FW	7351	1	0	1	112	7671	1	0	1	117	7671	1	0	1	117	7591	1	0	1	115	7990	1	0	1	122
64LD	530 mA (101.4W)	T1	11036	1	0	2	109	11516	1	0	2	114	11516	1	0	2	114	11396	1	0	2	112	11996	1	0	3	118
		T2	10478	1	0	3	103	10933	1	0	3	108	10933	1	0	3	108	10819	1	0	3	107	11389	1	0	3	112
		T3R	11352	0	0	3	112	11846	0	0	3	117	11846	0	0	3	117	11723	0	0	3	116	12340	0	0	3	122
		T3	11642	0	0	2	115	12148	0	0	2	120	12148	0	0	2	120	12021	0	0	2	119	12654	0	0	3	125
		T3W	11789	1	0	3	116	12302	1	0	3	121	12302	1	0	3	121	12174	1	0	3	120	12814	1	0	3	126
		T3LG	11434	1	0	2	113	11931	2	0	2	118	11931	2	0	2	118	11807	1	0	2	116	12428	2	0	2	123
		T4	11366	1	0	3	112	11860	1	0	3	117	11860	1	0	3	117	11737	1	0	3	116	12355	1	0	3	122
		T4A	12277	1	0	1	121	12811	1	0	1	126	12811	1	0	1	126	12678	1	0	1	125	13345	1	0	2	132
		T4LG	12205	2	0	2	120	12736	2	0	2	126	12736	2	0	2	126	12603	2	0	2	124	13267	2	0	2	131
		T4FT	11770	3	0	3	116	12282	3	0	3	121	12282	3	0	3	121	12154	3	0	3	120	12793	3	0	3	126
		T5	10405	1	0	2	103	10858	1	0	2	107	10858	1	0	2	107	10745	1	0	2	106	11310	1	0	2	112
		T5LG	10777	2	0	2	106	11246	2	0	2	111	11246	2	0	2	111	11129	2	0	2	110	11714	2	0	2	116
		T5W	10062	1	0	3	99	10500	1	0	3	104	10500	1	0	3	104	10390	1	0	3	102	10937	1	0	3	108
		T5WW	9521	1	0	4	94	9935	1	0	4	98	9935	1	0	4	98	9831	1	0	4	97	10349	1	0	4	102
		FN	11486	3	0	2	113	11985	3	0	2	118	11985	3	0	2	118	11860	3	0	2	117	12485	3	0	2	123
		FM	11586	3	0	2	114	12089	3	0	3	119	12089	3	0	3	119	11963	3	0	3	118	12593	3	0	3	124
		FW	10741	2	0	2	106	11208	2	0	2	111	11208	2	0	2	111	11091	2	0	2	109	11675	2	0	2	115
64LD	700 mA (135.9W)	T1	14063	2	0	3	103	14674	2	0	3	108	14674	2	0	3	108	14521	2	0	3	107	15286	2	0	3	112
		T2	13351	1	0	3	98	13931	1	0	3	103	13931	1	0	3	103	13786	1	0	3	101	14512	1	0	3	107
		T3R	14465	0	0	3	106	15094	0	0	3	111	15094	0	0	3	111	14937	0	0	3	110	15723	0	0	3	116
		T3	14834	1	0	3	109	15479	1	0	3	114	15479	1	0	3	114	15318	1	0	3	113	16124	1	0	3	119
		T3W	15022	1	0	3	111	15675	1	0	3	115	15675	1	0	3	115	15512	1	0	3	114	16328	1	0	3	120
		T3LG	14570	2	0	2	107	15203	2	0	2	112	15203	2	0	2	112	15045	2	0	2	111	15836	2	0	3	117
		T4	14483	1	0	3	107	15113	1	0	3	111	15113	1	0	3	111	14955	1	0	3	110	15742	1	0	3	116
		T4A	15644	1	0	2	115	16324	1	0	2	120	16324	1	0	2	120	16154	1	0	2	119	17004	1	0	2	125
		T4LG	15552	2	0	3	114	16229	2	0	3	119	16229	2	0	3	119	16060	2	0	3	118	16905	2	0	3	124
		T4FT	14997	3	0	3	110	15649	3	0	3	115	15649	3	0	3	115	15486	3	0	3	114	16302	3	0	3	120
		T5	13259	1	0	2	98	13835	1	0	3	102	13835	1	0	3	102	13691	1	0	3	101	14412	1	0	3	106
		T5LG	13733	2	0	2	101	14330	2	0	2	105	14330	2	0	2	105	14180	2	0	2	104	14927	2	0	2	110
		T5W	12821	1	0	3	94	13379	1	0	3	98	13379	1	0	3	98	13239	1	0	3	97	13936	1	0	3	103
		T5WW	12132	1	0	4	89	12659	1	0	4	93	12659	1	0	4	93	12527	1	0	4	92	13187	1	0	4	97
		FN	14635	4	0	3	108	15272	4	0	3	112	15272	4	0	3	112	15113	4	0	3	111	15908	4	0	3	117
		FM	14763	3	0	3	109	15404	4	0	3	113	15404	4	0	3	113	15244	4	0	3	112	16046	4	0	3	118
		FW	13686	2	0	2	101	14281	2	0	2	105	14281	2	0	2	105	14133	2	0	2	104	14876	2	0	2	109
64LD	1050 mA (209.6W)	T1	19524	2	0	4	93	20373	2	0	4	97	20373	2	0	4	97	20161	2	0	4	96	21222	2	0	4	101
		T2	18536	1	0	4	88	19342	1	0	4	92	19342	1	0	4	92	19140	1	0	4	91	20148	1	0	4	96
		T3R	20084	1	0	4	96	20957	1	0	4	100	20957	1	0	4	100	20738	1	0	4	99	21830	1	0	4	104
		T3	20596	1	0	4	98	21491	1	0	4	103	21491	1	0	4	103	21267	1	0	4	101	22386	1	0	4	107
		T3W	20857	1	0	4	100	21763	1	0	4	104	21763	1	0	4	104	21537	1	0	4	103	22670	1	0	4	108
		T3LG	20228	2	0	3	97	21108	2	0	3	101	21108	2	0	3	101	20888	2	0	3	100	21987	2	0	3	105
		T4	20108	1	0	4	96	20982	1	0	4																

VMX-II-BHS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
80LD	350 mA (82.2W)	T1	9420	1	0	2	115	9630	1	0	2	120	9630	1	0	2	120	9728	1	0	2	118	10240	1	0	2	125
		T2	8943	1	0	3	109	9332	1	0	3	114	9332	1	0	3	114	9235	1	0	3	112	9721	1	0	3	118
		T3R	9690	0	0	2	118	10111	0	0	2	123	10111	0	0	2	123	10006	0	0	2	122	10533	0	0	3	128
		T3	9937	0	0	2	121	10369	0	0	2	126	10369	0	0	2	126	10261	0	0	2	125	10801	0	0	2	131
		T3W	10063	1	0	2	122	10501	1	0	2	128	10501	1	0	2	128	10391	1	0	2	126	10938	1	0	2	133
		T3LG	9760	1	0	2	119	10184	1	0	2	124	10184	1	0	2	124	10078	1	0	2	123	10609	1	0	2	129
		T4	9702	0	0	2	118	10124	0	0	2	123	10124	0	0	2	123	10018	0	0	2	122	10546	0	0	2	128
		T4A	10480	1	0	1	128	10935	1	0	1	133	10935	1	0	1	133	10821	1	0	1	132	11391	1	0	1	139
		T4LG	10418	1	0	2	127	10671	1	0	2	132	10671	1	0	2	132	10758	1	0	2	131	11324	1	0	2	138
		T4FT	10047	2	0	3	122	10483	2	0	3	128	10483	2	0	3	128	10374	2	0	3	126	10920	2	0	3	133
		T5	8882	1	0	2	108	9268	1	0	2	113	9268	1	0	2	113	9172	1	0	2	112	9654	1	0	2	118
		T5LG	9199	1	0	2	112	9599	1	0	2	117	9599	1	0	2	117	9499	1	0	2	116	9999	1	0	2	122
		T5W	8589	1	0	2	105	8962	1	0	2	109	8962	1	0	2	109	8869	1	0	2	108	9336	1	0	2	114
		T5WW	8127	1	0	3	99	8480	1	0	3	103	8480	1	0	3	103	8392	1	0	3	102	8833	1	0	3	108
		FN	9604	3	0	2	119	10230	3	0	2	125	10230	3	0	2	125	10124	3	0	2	123	10657	3	0	2	130
		FM	9889	3	0	2	120	10319	3	0	2	126	10319	3	0	2	126	10212	3	0	2	124	10749	3	0	2	131
		FW	9168	2	0	2	112	9567	2	0	2	116	9567	2	0	2	116	9467	2	0	2	115	9965	2	0	2	121
80LD	530 mA (126.7W)	T1	13765	2	0	3	109	14363	2	0	3	113	14363	2	0	3	113	14214	2	0	3	112	14962	2	0	3	118
		T2	13068	1	0	3	103	13636	1	0	3	108	13636	1	0	3	108	13494	1	0	3	106	14204	1	0	3	112
		T3R	14159	0	0	3	112	14775	0	0	3	117	14775	0	0	3	117	14621	0	0	3	115	15390	0	0	3	121
		T3	14520	1	0	3	115	15151	1	0	3	120	15151	1	0	3	120	14993	1	0	3	118	15782	1	0	3	125
		T3W	14704	1	0	3	116	15343	1	0	3	121	15343	1	0	3	121	15183	1	0	3	120	15982	1	0	3	126
		T3LG	14261	2	0	2	113	14881	2	0	2	117	14881	2	0	2	117	14726	2	0	2	116	15501	2	0	2	122
		T4	14176	1	0	3	112	14792	1	0	3	117	14792	1	0	3	117	14638	1	0	3	116	15409	1	0	3	122
		T4A	15312	1	0	2	121	15978	1	0	2	126	15978	1	0	2	126	15812	1	0	2	125	16644	1	0	2	131
		T4LG	15223	2	0	3	120	15885	2	0	3	125	15885	2	0	3	125	15719	2	0	3	124	16547	2	0	3	131
		T4FT	14680	3	0	3	116	15318	3	0	3	121	15318	3	0	3	121	15158	3	0	3	120	15956	3	0	3	126
		T5	12978	1	0	2	102	13542	1	0	3	107	13542	1	0	3	107	13401	1	0	2	106	14106	1	0	3	111
		T5LG	13442	2	0	2	106	14026	2	0	2	111	14026	2	0	2	111	13880	2	0	2	110	14610	2	0	2	115
		T5W	12550	1	0	3	99	13095	1	0	3	103	13095	1	0	3	103	12959	1	0	3	102	13641	1	0	3	108
		T5WW	11875	1	0	4	94	12391	1	0	4	98	12391	1	0	4	98	12262	1	0	4	97	12907	1	0	4	102
		FN	14325	4	0	3	113	14948	4	0	3	118	14948	4	0	3	118	14793	4	0	3	117	15571	4	0	3	123
		FM	14450	3	0	3	114	15078	4	0	3	119	15078	4	0	3	119	14921	4	0	3	118	15706	4	0	3	124
		FW	13396	2	0	2	106	13979	2	0	2	110	13979	2	0	2	110	13833	2	0	2	109	14561	2	0	2	115
80LD	700 mA (169.9W)	T1	17539	2	0	3	103	18302	2	0	4	108	18302	2	0	4	108	18111	2	0	3	107	19064	2	0	4	112
		T2	16651	1	0	3	98	17375	1	0	3	102	17375	1	0	3	102	17194	1	0	3	101	18099	1	0	3	107
		T3R	18041	1	0	4	106	18826	1	0	4	111	18826	1	0	4	111	18630	1	0	4	110	19610	1	0	4	115
		T3	18501	1	0	3	109	19306	1	0	3	114	19306	1	0	3	114	19105	1	0	3	112	20110	1	0	3	118
		T3W	18736	1	0	3	110	19551	1	0	3	115	19551	1	0	3	115	19347	1	0	3	114	20365	1	0	4	120
		T3LG	18171	2	0	3	107	18962	2	0	3	112	18962	2	0	3	112	18764	2	0	3	110	19752	2	0	3	116
		T4	18063	1	0	4	106	18849	1	0	4	111	18849	1	0	4	111	18652	1	0	4	110	19634	1	0	4	116
		T4A	19511	1	0	2	115	20360	1	0	2	120	20360	1	0	2	120	20148	1	0	2	119	21208	1	0	2	125
		T4LG	19397	2	0	3	114	20241	2	0	3	119	20241	2	0	3	119	20090	2	0	3	118	21084	2	0	3	124
		T4FT	18705	3	0	4	110	19518	3	0	4	115	19518	3	0	4	115	19315	3	0	4	114	20332	3	0	4	120
		T5	16537	1	0	3	97	17256	1	0	3	102	17256	1	0	3	102	17076	1	0	3	101	17975	1	0	3	106
		T5LG	17128	2	0	2	101	17872	2	0	2	105	17872	2	0	2	105	17686	2	0	2	104	18617	2	0	2	110
		T5W	15991	1	0	4	94	16686	1	0	4	98	16686	1	0	4	98	16513	1	0	4	97	17382	1	0	4	102
		T5WW	15131	1	0	5	89	15789	1	0	5	93	15789	1	0	5	93	15624	1	0	5	92	16447	1	0	5	97
		FN	18254	4	0	3	107	19047	4	0	3	112	19047	4	0	3	112	18849	4	0	3	111	19841	4	0	3	117
		FM	18412	4	0	3	108	19213	4	0	3	113	19213	4	0	3	113	19013	4	0	3	112	20013	4	0	3	118
		FW	17070	2	0	2	100	17812	3	0	2	105	17812	3	0	2	105	17626	3	0	2	104	18554	3	0	2	109
80LD	1050 mA (262.0W)	T1	24351	2	0	4	93	25410	2	0	4	97	25410	2	0	4	97	25145	2	0	4	96	26469	2	0	4	101
		T2	23118	1	0	4	88	24123	1	0	4	92	24123	1	0	4	92	23872	1	0	4	91	25129	1	0	4	96
		T3R	25049	1	0	4	96	26138	1	0	4	100	26138	1	0	4	100	25865	1	0	4	99	27227	1	0	4	104
		T3	25687	1	0	4	98	26804	1	0	4	102	26804	1	0	4	102	26525	1	0	4	101	27921	1	0	4	107
		T3W	26013	1	0	4	99	27144	1	0	4	104	27144	1	0	4	104	26861	1	0	4	103	28275	1	0	4	108
		T3LG	25229	3	0	4	96	26326	3	0	4	100	26326	3	0	4	100	26052	3	0	4	99	27423	3	0	4	105
		T4	25079	1																							

VMX-II-BHS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
96LD	350 mA (96.6W)	T1	11273	1	0	2	114	11763	1	0	3	119	11763	1	0	3	119	11641	1	0	2	118	12253	1	0	3	124
		T2	10702	1	0	3	109	11167	1	0	3	113	11167	1	0	3	113	11051	1	0	3	112	11633	1	0	3	118
		T3R	11596	0	0	3	118	12100	0	0	3	123	12100	0	0	3	123	11974	0	0	3	121	12604	0	0	3	128
		T3	11891	0	0	2	121	12408	0	0	2	126	12408	0	0	2	126	12279	0	0	2	125	12925	1	0	3	131
		T3W	12042	1	0	3	122	12566	1	0	3	127	12566	1	0	3	127	12435	1	0	3	126	13069	1	0	3	133
		T3LG	11679	1	0	2	118	12187	2	0	2	124	12187	2	0	2	124	12060	2	0	2	122	12695	2	0	2	129
		T4	11610	1	0	3	118	12115	1	0	3	123	12115	1	0	3	123	11988	1	0	3	122	12619	1	0	3	128
		T4A	12540	1	0	1	127	13086	1	0	1	133	13086	1	0	1	133	12949	1	0	1	131	13631	1	0	2	138
		T4LG	12467	2	0	2	126	13009	2	0	2	132	13009	2	0	2	132	12874	2	0	2	131	13551	2	0	2	137
		T4FT	12022	3	0	3	122	12545	3	0	3	127	12545	3	0	3	127	12414	3	0	3	126	13068	3	0	3	133
		T5	10629	1	0	2	108	11091	1	0	2	112	11091	1	0	2	112	10975	1	0	2	111	11553	1	0	2	117
		T5LG	11008	2	0	2	112	11487	2	0	2	117	11487	2	0	2	117	11367	2	0	2	115	11966	2	0	2	121
		T5W	10278	1	0	3	104	10725	1	0	3	109	10725	1	0	3	109	10613	1	0	3	108	11172	1	0	3	113
		TSWW	9725	1	0	4	99	10148	1	0	4	103	10148	1	0	4	103	10042	1	0	4	102	10571	1	0	4	107
		FN	11732	3	0	2	119	12242	3	0	2	124	12242	3	0	2	124	12115	3	0	2	123	12752	3	0	2	129
		FM	11834	3	0	2	120	12348	3	0	3	125	12348	3	0	3	125	12220	3	0	3	124	12963	3	0	3	130
		FW	10971	2	0	2	111	11448	2	0	2	116	11448	2	0	2	116	11329	2	0	2	115	11925	2	0	2	121
96LD	530 mA (152.1W)	T1	16472	2	0	3	108	17188	2	0	3	113	17188	2	0	3	113	17009	2	0	3	112	17904	2	0	3	118
		T2	15638	1	0	3	103	16318	1	0	3	107	16318	1	0	3	107	16148	1	0	3	106	16998	1	0	3	112
		T3R	16944	1	0	3	111	17680	1	0	4	116	17680	1	0	4	116	17496	1	0	3	115	18417	1	0	4	121
		T3	17376	1	0	3	114	18131	1	0	3	119	18131	1	0	3	119	17942	1	0	3	118	18886	1	0	3	124
		T3W	17596	1	0	3	116	18361	1	0	3	121	18361	1	0	3	121	18170	1	0	3	119	19126	1	0	3	126
		T3LG	17066	2	0	3	112	17808	2	0	3	117	17808	2	0	3	117	17622	2	0	3	116	18550	2	0	3	122
		T4	16964	1	0	4	112	17702	1	0	4	116	17702	1	0	4	116	17517	1	0	4	115	18439	1	0	4	121
		T4A	18324	1	0	2	120	19121	1	0	2	126	19121	1	0	2	126	18922	1	0	2	124	19917	1	0	2	131
		T4LG	18217	2	0	3	120	19009	2	0	3	125	19009	2	0	3	125	18811	2	0	3	124	19801	2	0	3	130
		T4FT	17567	3	0	4	116	18331	3	0	4	121	18331	3	0	4	121	18140	3	0	4	119	19094	3	0	4	126
		T5	15530	1	0	3	102	16206	1	0	3	107	16206	1	0	3	107	16037	1	0	3	105	16881	1	0	3	111
		T5LG	16085	2	0	2	106	16785	2	0	2	110	16785	2	0	2	110	16610	2	0	2	109	17484	2	0	2	115
		T5W	15018	1	0	4	99	15671	1	0	4	103	15671	1	0	4	103	15508	1	0	4	102	16324	1	0	4	107
		TSWW	14210	1	0	5	93	14828	1	0	5	98	14828	1	0	5	98	14673	1	0	5	96	15446	1	0	5	102
		FN	17143	4	0	3	113	17888	4	0	3	118	17888	4	0	3	118	17702	4	0	3	116	18634	4	0	3	123
		FM	17292	4	0	3	114	18044	4	0	3	119	18044	4	0	3	119	17856	4	0	3	117	18795	4	0	3	124
		FW	16031	2	0	2	105	16728	2	0	2	110	16728	2	0	2	110	16554	2	0	2	109	17425	2	0	2	115
96LD	700 mA (203.8 W)	T1	20990	2	0	4	103	21902	2	0	4	107	21902	2	0	4	107	21674	2	0	4	106	22815	2	0	4	112
		T2	19927	1	0	4	98	20793	1	0	4	102	20793	1	0	4	102	20577	1	0	4	101	21660	1	0	4	106
		T3R	21591	1	0	4	106	22529	1	0	4	111	22529	1	0	4	111	22295	1	0	4	109	23468	1	0	4	115
		T3	22141	1	0	4	109	23104	1	0	4	113	23104	1	0	4	113	22863	1	0	4	112	24066	1	0	4	118
		T3W	22422	1	0	4	110	23396	1	0	4	115	23396	1	0	4	115	23153	1	0	4	114	24371	1	0	4	120
		T3LG	21746	2	0	3	107	22692	2	0	3	111	22692	2	0	3	111	22455	2	0	3	110	23637	2	0	3	116
		T4	21617	1	0	4	106	22557	1	0	4	111	22557	1	0	4	111	22322	1	0	4	110	23497	1	0	4	115
		T4A	23350	2	0	2	115	24365	2	0	2	120	24365	2	0	2	120	24111	2	0	2	118	25380	2	0	2	125
		T4LG	23213	2	0	4	114	24222	3	0	4	119	24222	3	0	4	119	23970	3	0	4	118	25232	3	0	4	124
		T4FT	22385	3	0	4	110	23358	3	0	4	115	23358	3	0	4	115	23115	3	0	4	113	24331	3	0	4	119
		T5	19790	1	0	3	97	20650	1	0	4	101	20650	1	0	4	101	20435	1	0	4	100	21511	1	0	4	106
		T5LG	20497	2	0	3	101	21388	2	0	3	105	21388	2	0	3	105	21165	2	0	3	104	22279	2	0	3	109
		T5W	19137	1	0	4	94	19969	1	0	4	98	19969	1	0	4	98	19761	1	0	4	97	20801	1	0	4	102
		TSWW	18107	1	0	5	89	18895	1	0	5	93	18895	1	0	5	93	18698	1	0	5	92	19682	1	0	5	97
		FN	21844	4	0	3	107	22794	4	0	3	112	22794	4	0	3	112	22557	4	0	3	111	23744	4	0	3	116
		FM	22034	4	0	3	108	22992	4	0	3	113	22992	4	0	3	113	22753	4	0	3	112	23950	4	0	3	117
		FW	20428	3	0	3	100	21316	3	0	3	105	21316	3	0	3	105	21094	3	0	3	103	22204	3	0	3	109
96LD	1050 mA (314.4W)	T1	29140	3	0	4	93	30407	3	0	5	97	30407	3	0	5	97	30090	3	0	5	96	31674	3	0	5	101
		T2	27664	1	0	5	88	28867	1	0	5	92	28867	1	0	5	92	28566	1	0	5	91	30070	1	0	5	96
		T3R	29974	1	0	5	95	31278	1	0	5	99	31278	1	0	5	99	30952	1	0	5	98	32581	1	0	5	104
		T3	30738	1	0	4	98	32075	1	0	4	102	32075	1	0	4	102	31741	1	0	4	101	33411	1	0	5	106
		T3W	31128	1	0	4	99	32481	2	0	5	103	32481	2	0	5	103	32143	2	0	5	102	33835	2	0	5	108
		T3LG	30190	3	0	4	96	31503	3	0	4	100	31503	3	0	4	100	31175	3	0	4	99	32815	3	0	4	104

VMX-II-CLS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
48LD	350 mA (49.3W)	T1	5939	2	0	2	120	6197	2	0	2	126	6197	2	0	2	126	6133	2	0	2	124	6456	2	0	2	131
		T2	6381	1	0	3	129	6659	1	0	3	135	6659	1	0	3	135	6590	1	0	3	134	6936	1	0	3	141
		T3R	5996	1	0	2	122	6259	1	0	2	127	6259	1	0	2	127	6194	1	0	2	126	6520	1	0	2	132
		T3	6064	1	0	2	123	6328	1	0	2	128	6328	1	0	2	128	6262	1	0	2	127	6592	1	0	2	134
		T3W	6055	1	0	2	123	6318	1	0	2	128	6318	1	0	2	128	6252	1	0	2	127	6581	1	0	2	133
		T3LG	6029	1	0	2	122	6291	1	0	2	128	6291	1	0	2	128	6226	1	0	2	126	6554	1	0	2	133
		T4	5427	1	0	2	110	5663	1	0	2	115	5663	1	0	2	115	5604	1	0	2	114	5899	1	0	2	120
		T4A	7087	1	0	2	144	7395	1	0	2	150	7395	1	0	2	150	7318	1	0	2	148	7703	1	0	2	156
		T4LG	5754	1	0	2	117	6004	1	0	2	122	6004	1	0	2	122	5942	1	0	2	121	6254	1	0	2	127
		T4FT	5897	1	0	2	120	6153	1	0	2	125	6153	1	0	2	125	6089	1	0	2	124	6409	1	0	2	130
		T5	5928	2	0	1	120	6186	2	0	1	125	6186	2	0	1	125	6122	2	0	1	124	6444	2	0	1	131
		T5LG	5940	2	0	1	120	6198	2	0	1	126	6198	2	0	1	126	6134	2	0	1	124	6456	2	0	1	131
		T5W	5499	2	0	2	112	5738	2	0	2	116	5738	2	0	2	116	5679	2	0	2	115	5977	2	0	2	121
		T5WW	5207	2	0	2	106	5434	2	0	2	110	5434	2	0	2	110	5377	2	0	2	109	5680	2	0	2	115
		FN	6752	3	0	3	137	7046	3	0	3	143	7046	3	0	3	143	6973	3	0	3	141	7339	3	0	3	149
		FM	6725	3	0	2	136	7017	3	0	3	142	7017	3	0	3	142	6944	3	0	3	141	7310	3	0	3	148
		FW	6819	2	0	2	138	7115	2	0	2	144	7115	2	0	2	144	7041	2	0	2	143	7412	2	0	2	150
48LD	530 mA (76.0W)	T1	8678	3	0	3	114	9055	3	0	3	119	9055	3	0	3	119	8961	3	0	3	118	9433	3	0	3	124
		T2	9324	2	0	3	123	9730	2	0	3	128	9730	2	0	3	128	9628	2	0	3	127	10135	2	0	3	133
		T3R	8764	1	0	2	115	9145	2	0	2	120	9145	2	0	2	120	9050	2	0	2	119	9526	2	0	2	125
		T3	8861	1	0	2	117	9246	1	0	2	122	9246	1	0	2	122	9150	1	0	2	120	9631	1	0	2	127
		T3W	8847	1	0	2	116	9232	1	0	2	121	9232	1	0	2	121	9135	1	0	2	120	9616	1	0	2	126
		T3LG	8810	2	0	3	116	9193	2	0	3	121	9193	2	0	3	121	9097	2	0	3	120	9576	2	0	3	126
		T4	7930	1	0	2	104	8275	1	0	2	109	8275	1	0	2	109	8189	1	0	2	108	8620	1	0	2	113
		T4A	10355	1	0	3	136	10805	1	0	3	142	10805	1	0	3	142	10693	1	0	3	141	11255	2	0	3	148
		T4LG	8408	2	0	2	111	8773	2	0	3	115	8773	2	0	3	115	8682	2	0	3	114	9139	2	0	3	120
		T4FT	8616	1	0	2	113	8990	1	0	3	118	8990	1	0	3	118	8897	1	0	3	117	9365	2	0	3	123
		T5	8662	2	0	2	114	9039	2	0	2	119	9039	2	0	2	119	8945	2	0	2	118	9416	2	0	2	124
		T5LG	8679	2	0	2	114	9057	2	0	2	119	9057	2	0	2	119	8962	2	0	2	118	9434	2	0	2	124
		T5W	8035	2	0	2	106	8385	2	0	2	110	8385	2	0	2	110	8297	2	0	2	109	8734	2	0	2	115
		T5WW	7609	2	0	2	100	7940	2	0	2	104	7940	2	0	2	104	7857	2	0	2	103	8271	2	0	2	109
		FN	9866	4	0	3	130	10295	4	0	3	135	10295	4	0	3	135	10188	4	0	3	134	10724	4	0	3	141
		FM	9826	4	0	3	129	10253	4	0	3	135	10253	4	0	3	135	10146	4	0	3	133	10680	4	0	3	140
		FW	9964	3	0	2	131	10397	3	0	3	137	10397	3	0	3	137	10289	3	0	3	135	10830	3	0	3	142
48LD	700 mA (101.9W)	T1	11058	3	0	3	109	11538	3	0	3	113	11538	3	0	3	113	11418	3	0	3	112	12019	3	0	3	118
		T2	11881	2	0	3	117	12398	2	0	3	122	12398	2	0	3	122	12269	2	0	3	120	12914	2	0	4	127
		T3R	11167	2	0	3	110	11653	2	0	3	114	11653	2	0	3	114	11532	2	0	3	113	12138	2	0	3	119
		T3	11291	1	0	2	111	11782	1	0	3	116	11782	1	0	3	116	11659	1	0	3	114	12273	1	0	3	120
		T3W	11273	1	0	3	111	11763	1	0	3	115	11763	1	0	3	115	11640	1	0	3	114	12253	1	0	3	120
		T3LG	11226	2	0	3	110	11714	2	0	3	115	11714	2	0	3	115	11592	2	0	3	114	12202	2	0	3	120
		T4	10105	2	0	2	99	10544	2	0	2	103	10544	2	0	2	103	10434	2	0	2	102	10984	2	0	2	108
		T4A	13194	2	0	3	129	13768	2	0	3	135	13768	2	0	3	135	13625	2	0	3	134	14342	2	0	3	141
		T4LG	10713	2	0	3	105	11179	2	0	3	110	11179	2	0	3	110	11063	2	0	3	109	11645	2	0	3	114
		T4FT	10978	2	0	3	108	11456	2	0	3	112	11456	2	0	3	112	11336	2	0	3	111	11933	2	0	3	117
		T5	11038	2	0	2	108	11518	2	0	2	113	11518	2	0	2	113	11398	2	0	2	112	11998	2	0	2	118
		T5LG	11059	2	0	2	109	11540	2	0	2	113	11540	2	0	2	113	11420	2	0	2	112	12021	2	0	2	118
		T5W	10239	2	0	2	100	10684	2	0	2	105	10684	2	0	2	105	10573	2	0	2	104	11129	3	0	3	109
		T5WW	9696	3	0	3	95	10117	3	0	3	99	10117	3	0	3	99	10012	3	0	3	98	10539	3	0	3	103
		FN	12572	4	0	3	123	13118	4	0	4	129	13118	4	0	4	129	12982	4	0	4	127	13665	4	0	4	134
		FM	12520	4	0	3	123	13065	4	0	3	128	13065	4	0	3	128	12929	4	0	3	127	13609	4	0	3	134
		FW	12696	3	0	3	125	13248	3	0	3	130	13248	3	0	3	130	13110	3	0	3	129	13900	3	0	3	135
48LD	1050 mA (157.2W)	T1	15352	3	0	3	98	16020	3	0	3	102	16020	3	0	3	102	15853	3	0	3	101	16667	3	0	3	106
		T2	16496	3	0	4	105	17213	3	0	4	110	17213	3	0	4	110	17034	3	0	4	108	17930	3	0	4	114
		T3R	15505	2	0	3	99	16179	2	0	3	103	16179	2	0	3	103	16010	2	0	3	102	16853	2	0	3	107
		T3	15676	2	0	3	100	16358	2	0	3	104	16358	2	0	3	104	16187	2	0	3	103	17039	2	0	3	108
		T3W	15651	2	0	3	100	16332	2	0	3	104	16332	2	0	3	104	16161	2	0	3	103	17012	2	0	3	108
		T3LG	15585	2	0	3	99	16263	2	0	3	103	16263	2	0	3	103	16094	2	0	3	102	16941	2	0	3	108
		T4	14029	2	0	3	89	14639	2	0	3	93	14639	2	0	3	93	14487	2	0	3	92					

VMX-II CLSLED SPECIFICATIONS / Forward Optics																																
Led Count	Current & Watts	Distribution Type	CRI Multiplier																													
			27K					30K					70CRI					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW					
64LD	350 mA (65.7W)	T1	7803	2	0	2	119	8142	3	0	3	124	8142	3	0	3	124	8057	3	0	3	123	8481	3	0	3	129					
		T2	8384	2	0	3	128	8749	2	0	3	133	8749	2	0	3	133	8658	2	0	3	132	9113	2	0	3	139					
		T3R	7880	1	0	2	120	8223	1	0	2	125	8223	1	0	2	125	8137	1	0	2	124	8566	1	0	2	130					
		T3	7967	1	0	2	121	8314	1	0	2	126	8314	1	0	2	126	8227	1	0	2	125	8660	1	0	2	132					
		T3W	7955	1	0	2	121	8301	1	0	2	126	8301	1	0	2	126	8214	1	0	2	125	8646	1	0	2	132					
		T3LG	7921	1	0	2	121	8266	1	0	2	126	8266	1	0	2	126	8180	1	0	2	124	8610	1	0	2	131					
		T4	7131	1	0	2	108	7441	1	0	2	113	7441	1	0	2	113	7363	1	0	2	112	7751	1	0	2	118					
		T4A	9311	1	0	2	142	9716	1	0	2	148	9716	1	0	2	148	9614	1	0	2	146	10120	1	0	2	154					
		T4LG	7560	1	0	2	115	7889	1	0	2	120	7889	1	0	2	120	7806	1	0	2	119	8217	2	0	2	125					
		T4FT	7747	1	0	2	118	8084	1	0	2	123	8084	1	0	2	123	8000	1	0	2	122	8421	1	0	2	128					
		T5	7789	2	0	2	119	8128	2	0	2	124	8128	2	0	2	124	8043	2	0	2	122	8466	2	0	2	129					
		T5LG	7804	2	0	1	119	8143	2	0	2	124	8143	2	0	2	124	8058	2	0	1	123	8483	2	0	2	129					
		T5W	7225	2	0	2	110	7539	2	0	2	115	7539	2	0	2	115	7461	2	0	2	114	7853	2	0	2	119					
		T5WW	6842	2	0	2	104	7139	2	0	2	109	7139	2	0	2	109	7065	2	0	2	107	7437	2	0	2	113					
		FN	8871	3	0	3	135	9257	3	0	3	141	9257	3	0	3	141	9161	3	0	3	139	9643	4	0	3	147					
FM	8835	3	0	3	134	9219	3	0	3	140	9219	3	0	3	140	9123	3	0	3	139	9603	4	0	3	146							
FW	8959	3	0	2	136	9348	3	0	2	142	9348	3	0	2	142	9251	3	0	2	141	9738	3	0	2	148							
64LD	530 mA (101.4W)	T1	11401	3	0	3	112	11897	3	0	3	117	11897	3	0	3	117	11773	3	0	3	116	12393	3	0	3	122					
		T2	12251	2	0	3	121	12783	2	0	3	126	12783	2	0	3	126	12650	2	0	3	125	13316	2	0	4	131					
		T3R	11515	2	0	3	114	12015	2	0	3	119	12015	2	0	3	119	11890	2	0	3	117	12516	2	0	3	123					
		T3	11642	1	0	3	115	12148	1	0	3	120	12148	1	0	3	120	12021	1	0	3	119	12654	1	0	3	125					
		T3W	11623	1	0	3	115	12129	1	0	3	120	12129	1	0	3	120	12002	1	0	3	118	12634	1	0	3	125					
		T3LG	11574	2	0	3	114	12078	2	0	3	119	12078	2	0	3	119	11952	2	0	3	118	12581	2	0	3	124					
		T4	10419	2	0	2	103	10872	2	0	2	107	10872	2	0	2	107	10759	2	0	2	106	11325	2	0	3	112					
		T4A	13605	2	0	3	134	14196	2	0	3	140	14196	2	0	3	140	14048	2	0	3	139	14788	2	0	3	146					
		T4LG	11046	2	0	3	109	11526	2	0	3	114	11526	2	0	3	114	11406	2	0	3	113	12007	2	0	3	118					
		T4FT	11320	2	0	3	112	11812	2	0	3	117	11812	2	0	3	117	11689	2	0	3	115	12304	2	0	3	121					
		T5	11381	2	0	2	112	11876	2	0	2	117	11876	2	0	2	117	11752	2	0	2	116	12371	2	0	2	122					
		T5LG	11403	2	0	2	112	11899	2	0	2	117	11899	2	0	2	117	11775	2	0	2	116	12395	2	0	2	122					
		T5W	10557	2	0	2	104	11016	3	0	3	109	11016	3	0	3	109	10901	3	0	3	108	11475	3	0	3	113					
		T5WW	9997	3	0	3	99	10432	3	0	3	103	10432	3	0	3	103	10323	3	0	3	102	10866	3	0	3	107					
		FN	12963	4	0	4	128	13526	4	0	4	133	13526	4	0	4	133	13385	4	0	4	132	14090	4	0	4	139					
FM	12910	4	0	4	127	13471	4	0	4	133	13471	4	0	4	133	13331	4	0	4	131	14032	4	0	4	138							
FW	13091	3	0	3	129	13660	3	0	3	135	13660	3	0	3	135	13517	3	0	3	133	14229	3	0	3	140							
64LD	700 mA (135.9W)	T1	14528	3	0	3	107	15159	3	0	3	112	15159	3	0	3	112	15002	3	0	3	110	15791	3	0	3	116					
		T2	15610	2	0	4	115	16289	2	0	4	120	16289	2	0	4	120	16119	2	0	4	119	16967	3	0	4	125					
		T3R	14672	2	0	3	108	15310	2	0	3	113	15310	2	0	3	113	15150	2	0	3	111	15948	2	0	3	117					
		T3	14834	1	0	3	109	15479	2	0	3	114	15479	2	0	3	114	15318	1	0	3	113	16124	2	0	3	119					
		T3W	14811	2	0	3	109	15454	2	0	3	114	15454	2	0	3	114	15293	2	0	3	113	16098	2	0	3	118					
		T3LG	14748	2	0	3	109	15390	2	0	3	113	15390	2	0	3	113	15229	2	0	3	112	16031	2	0	3	118					
		T4	13276	2	0	3	98	13853	2	0	3	102	13853	2	0	3	102	13709	2	0	3	101	14430	2	0	3	106					
		T4A	17335	2	0	3	128	18089	2	0	3	133	18089	2	0	3	133	17900	2	0	3	132	18843	2	0	3	139					
		T4LG	14075	2	0	3	104	14687	2	0	3	108	14687	2	0	3	108	14534	2	0	3	107	15399	2	0	3	113					
		T4FT	14424	2	0	3	106	15051	2	0	3	111	15051	2	0	3	111	14894	2	0	3	110	15678	2	0	3	115					
		T5	14502	2	0	2	107	15132	3	0	2	111	15132	3	0	2	111	14975	3	0	2	110	15763	3	0	2	116					
		T5LG	14530	3	0	2	107	15162	3	0	2	112	15162	3	0	2	112	15004	3	0	2	110	15793	3	0	2	116					
		T5W	13452	3	0	3	99	14037	3	0	3	103	14037	3	0	3	103	13891	3	0	3	102	14622	3	0	3	108					
		T5WW	12738	3	0	3	94	13292	3	0	3	98	13292	3	0	3	98	13154	3	0	3	97	13846	3	0	3	102					
		FN	16517	4	0	4	122	17235	4	0	4	127	17235	4	0	4	127	17056	4	0	4	126	17953	4	0	4	132					
FM	16450	4	0	4	121	17165	4	0	4	126	17165	4	0	4	126	16986	4	0	4	125	17880	4	0	4	132							
FW	16680	3	0	3	123	17405	3	0	3	128	17405	3	0	3	128	17224	3	0	3	127	18131	3	0	3	133							
64LD	1050 mA (209.6W)	T1	20170	4	0	4	96	21047	4	0	4	100	21047	4	0	4	100	20828	4	0	4	99	21924	4	0	4	105					
		T2	21673	3	0	5	103	22615	3	0	5	108	22615	3	0	5	108	22379	3	0	5	107	23557	3	0	5	112					
		T2R	20370	3	0	3	97	21256	3	0	3	101	21256	3	0	3	101	21035	3	0	3	100	22142	3	0	3	106					
		T3	20596	2	0	3	98	21491	2	0	3	103	21491	2	0	3	103	21267	2	0	3	101	22386	2	0	3	107					
		T3W	20563	2	0	3	98	21457	2	0	3	102	21457	2	0	3	102	21233	2	0	3	101	22351	2	0	3	107					
		T3LG	20476	3	0	4	96	21367	3	0	4	102	21367	3	0	4	102	21144	3	0	4	101	22257	3	0	4	106					
		T4	18432	3	0	3	88	19234	3	0	3	92	19234	3	0	3	92	19033	3	0	3	91	20035	3	0	3	96					
		T4A	24068	3	0	4	115	25114	3	0	4	120	25114	3	0	4	120	24853	3	0	4	119	26161	3	0	4	125					
		T4LG	19542	3	0	4	93	20392	3	0	4	97	20392	3	0	4	97	20179	3	0	4	96	21241	3	0	4	101					
		T4FT	20026	3	0	4	96	20896	3	0	4	100	20896	3	0	4	100	20679	3	0	4	99	21767	3	0	4	104					
		T5	20134	3	0	3	96	21010	3	0	3	100	21010	3	0	3	100	20791	3	0	3	99	21885	3	0	3	104					
		T5LG	20173	3	0	3	96	21050	3	0	3	100	21050	3	0	3	100	20831	3	0	3	99	21927	3	0	3	105					
		T5W	18677	3	0	3	89	19489	3	0																						

VMX-II-CLS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K					30K					35K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
80LD	350 mA (82.2W)	T1	9732	3	0	3	118	10155	3	0	3	124	10155	3	0	3	124	10049	3	0	3	122	10578	3	0	3	129
		T2	10457	2	0	3	127	10912	2	0	3	133	10912	2	0	3	133	10798	2	0	3	131	11366	2	0	3	138
		T3R	9829	2	0	2	120	10256	2	0	2	125	10256	2	0	2	125	10149	2	0	2	124	10683	2	0	3	130
		T3	9937	1	0	2	121	10369	1	0	2	126	10369	1	0	2	126	10261	1	0	2	125	10801	1	0	2	131
		T3W	9921	1	0	2	121	10353	1	0	3	126	10353	1	0	3	126	10245	1	0	3	125	10784	1	0	3	131
		T3LG	9880	2	0	3	120	10309	2	0	3	125	10309	2	0	3	125	10202	2	0	3	124	10739	2	0	3	131
		T4	8893	1	0	2	108	9280	2	0	2	113	9280	2	0	2	113	9183	2	0	2	112	9667	2	0	2	118
		T4A	11613	2	0	3	141	12117	2	0	3	147	12117	2	0	3	147	11991	2	0	3	146	12622	2	0	3	154
		T4LG	9429	2	0	3	115	9839	2	0	3	120	9839	2	0	3	120	9736	2	0	3	119	10249	2	0	3	125
		T4FT	9662	2	0	3	118	10082	2	0	3	123	10082	2	0	3	123	9977	2	0	3	121	10502	2	0	3	128
		T5	9715	2	0	2	118	10137	2	0	2	123	10137	2	0	2	123	10031	2	0	2	122	10559	2	0	2	129
		T5LG	9733	2	0	2	118	10157	2	0	2	124	10157	2	0	2	124	10051	2	0	2	122	10580	2	0	2	129
		T5W	9011	2	0	2	110	9403	2	0	2	114	9403	2	0	2	114	9305	2	0	2	113	9795	2	0	2	119
		T5WW	8533	2	0	2	104	8904	2	0	2	108	8904	2	0	2	108	8811	2	0	2	107	9275	2	0	2	113
		FN	11065	4	0	3	135	11546	4	0	3	141	11546	4	0	3	141	11425	4	0	3	139	12027	4	0	3	146
		FM	11019	4	0	3	134	11498	4	0	3	140	11498	4	0	3	140	11379	4	0	3	138	11978	4	0	3	146
		FW	11174	3	0	3	136	11660	3	0	3	142	11660	3	0	3	142	11538	3	0	3	140	12145	3	0	3	148
80LD	530 mA (126.7W)	T1	14220	3	0	3	112	14838	3	0	3	117	14838	3	0	3	117	14684	3	0	3	116	15457	3	0	3	122
		T2	15279	2	0	4	121	15944	2	0	4	126	15944	2	0	4	126	15777	2	0	4	125	16608	3	0	4	131
		T3R	14361	2	0	3	113	14986	2	0	3	118	14986	2	0	3	118	14829	2	0	3	117	15610	2	0	3	123
		T3	14520	1	0	3	115	15151	1	0	3	120	15151	1	0	3	120	14993	1	0	3	118	15782	2	0	3	125
		T3W	14497	2	0	3	114	15127	2	0	3	119	15127	2	0	3	119	14969	2	0	3	118	15757	2	0	3	124
		T3LG	14436	2	0	3	114	15064	2	0	3	119	15064	2	0	3	119	14907	2	0	3	118	15691	2	0	3	124
		T4	12995	2	0	3	103	13560	2	0	3	107	13560	2	0	3	107	13419	2	0	3	106	14125	2	0	3	111
		T4A	16968	2	0	3	134	17706	2	0	3	140	17706	2	0	3	140	17521	2	0	3	138	18443	2	0	3	146
		T4LG	13777	2	0	3	109	14376	2	0	3	113	14376	2	0	3	113	14226	2	0	3	112	14975	2	0	3	118
		T4FT	14118	2	0	3	111	14732	2	0	3	116	14732	2	0	3	116	14579	2	0	3	115	15346	2	0	3	121
		T5	14195	2	0	2	112	14812	3	0	2	117	14812	3	0	2	117	14657	3	0	2	116	15429	3	0	2	122
		T5LG	14222	3	0	2	112	14840	3	0	2	117	14840	3	0	2	117	14686	3	0	2	116	15459	3	0	2	122
		T5W	13167	3	0	3	104	13739	3	0	3	108	13739	3	0	3	108	13596	3	0	3	107	14312	3	0	3	113
		T5WW	12468	3	0	3	98	13010	3	0	3	103	13010	3	0	3	103	12875	3	0	3	102	13553	3	0	3	107
		FN	16167	4	0	4	128	16870	4	0	4	133	16870	4	0	4	133	16694	4	0	4	132	17573	4	0	4	139
		FM	16101	4	0	4	127	16801	4	0	4	133	16801	4	0	4	133	16626	4	0	4	131	17501	4	0	4	138
		FW	16327	3	0	3	129	17037	3	0	3	134	17037	3	0	3	134	16859	3	0	3	133	17747	3	0	3	140
80LD	700 mA (169.9W)	T1	18119	3	0	3	107	18907	3	0	3	111	18907	3	0	3	111	18710	3	0	3	110	19695	3	0	3	116
		T2	19469	3	0	5	115																				

VMX-II-CLS LED SPECIFICATIONS / Forward Optics																											
Led Count	Current & Watts	Distribution Type	70CRI																								
			27K				30K				35K				40K				50K								
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW					
96LD	350 mA (98.6W)	T1	11646	3	0	3	118	12152	3	0	3	123	12152	3	0	3	123	12026	3	0	3	122	12659	3	0	3	128
		T2	12513	2	0	3	127	13057	2	0	4	132	13057	2	0	4	132	12921	2	0	4	131	13601	2	0	4	138
		T3R	11761	2	0	3	119	12273	2	0	3	124	12273	2	0	3	124	12145	2	0	3	123	12784	2	0	3	130
		T3	11891	1	0	3	121	12408	1	0	3	126	12408	1	0	3	126	12279	1	0	3	125	12925	1	0	3	131
		T3W	11872	1	0	3	120	12389	1	0	3	126	12389	1	0	3	126	12260	1	0	3	124	12905	2	0	3	131
		T3LG	11823	2	0	3	120	12337	2	0	3	125	12337	2	0	3	125	12208	2	0	3	124	12851	2	0	3	130
		T4	10642	2	0	2	108	11105	2	0	3	113	11105	2	0	3	113	10989	2	0	2	111	11568	2	0	3	117
		T4A	13896	2	0	3	141	14500	2	0	3	147	14500	2	0	3	147	14349	2	0	3	146	15105	2	0	3	153
		T4LG	11283	2	0	3	114	11774	2	0	3	119	11774	2	0	3	119	11651	2	0	3	118	12264	2	0	3	124
		T4FT	11562	2	0	3	117	12065	2	0	3	122	12065	2	0	3	122	11939	2	0	3	121	12588	2	0	3	127
		T5	11625	2	0	2	118	12130	2	0	2	123	12130	2	0	2	123	12004	2	0	2	122	12636	2	0	2	128
		T5LG	11647	2	0	2	118	12154	2	0	2	123	12154	2	0	2	123	12027	2	0	2	122	12660	2	0	2	128
		T5W	10783	3	0	3	109	11252	3	0	3	114	11252	3	0	3	114	11135	3	0	3	113	11721	3	0	3	119
		T5WW	10211	3	0	3	104	10655	3	0	3	108	10655	3	0	3	108	10544	3	0	3	107	11099	3	0	3	113
		FN	13241	4	0	4	134	13816	4	0	4	140	13816	4	0	4	140	13672	4	0	4	139	14392	4	0	4	146
		FM	13186	4	0	3	134	13760	4	0	3	140	13760	4	0	3	140	13616	4	0	3	138	14333	4	0	3	145
		FW	13371	3	0	3	136	13953	3	0	3	142	13953	3	0	3	142	13807	3	0	3	140	14534	3	0	3	147
		T1	17017	3	0	3	112	17757	3	0	3	117	17757	3	0	3	117	17572	3	0	3	116	18497	3	0	3	122
96LD	530 mA (152.1W)	T2	18284	3	0	4	120	19079	3	0	4	125	19079	3	0	4	125	18881	3	0	4	124	19874	3	0	5	131
		T3R	17186	2	0	3	113	17933	3	0	3	118	17933	3	0	3	118	17746	2	0	3	117	18680	3	0	3	123
		T3	17376	2	0	3	114	18131	2	0	3	119	18131	2	0	3	119	17942	2	0	3	118	18886	2	0	3	124
		T3W	17348	2	0	3	114	18102	2	0	3	119	18102	2	0	3	119	17914	2	0	3	118	18856	2	0	3	124
		T3LG	17275	2	0	3	114	18026	3	0	3	119	18026	3	0	3	119	17838	3	0	3	117	18777	3	0	3	123
		T4	15551	2	0	3	102	16227	2	0	3	107	16227	2	0	3	107	16058	2	0	3	106	16903	2	0	3	111
		T4A	20305	2	0	3	134	21188	2	0	3	139	21188	2	0	3	139	20967	2	0	3	138	22071	3	0	3	145
		T4LG	16487	3	0	3	108	17203	3	0	3	113	17203	3	0	3	113	17024	3	0	3	112	17920	3	0	3	118
		T4FT	16895	2	0	3	111	17629	2	0	3	116	17629	2	0	3	116	17446	2	0	3	115	18364	2	0	3	121
		T5	16986	3	0	3	112	17725	3	0	3	117	17725	3	0	3	117	17540	3	0	3	115	18463	3	0	3	121
		T5LG	17019	3	0	2	112	17759	3	0	2	117	17759	3	0	2	117	17574	3	0	2	116	18499	3	0	3	122
		T5W	15757	3	0	3	104	16442	3	0	3	108	16442	3	0	3	108	16270	3	0	3	107	17127	3	0	3	113
		T5WW	14921	3	0	3	98	15569	3	0	3	102	15569	3	0	3	102	15407	3	0	3	101	16218	3	0	3	107
		FN	19347	5	0	5	127	20188	5	0	5	133	20188	5	0	5	133	19978	5	0	5	131	21029	5	0	5	138
		FM	19268	5	0	4	127	20106	5	0	4	132	20106	5	0	4	132	19896	5	0	4	131	20943	5	0	4	138
		FW	19538	3	0	3	128	20367	3	0	3	134	20367	3	0	3	134	20175	3	0	3	133	21237	4	0	3	140
		T1	21684	4	0	4	106	22627	4	0	4	111	22627	4	0	4	111	22391	4	0	4	110	23569	4	0	4	116
		T2	23299	3	0	5	114	24312	3	0	5	119	24312	3	0	5	119	24059	3	0	5	118	25325	3	0	5	124
96LD	700 mA (203.8 W)	T3R	21899	3	0	3	107	22851	3	0	3	112	22851	3	0	3	112	22613	3	0	3	111	23803	3	0	4	117
		T3	22141	2	0	3	109	23104	2	0	3	113	23104	2	0	3	113	22863	2	0	3	112	24066	2	0	3	118
		T3W	22106	2	0	3	108	23067	2	0	4	113	23067	2	0	4	113	22827	2	0	4	112	24028	2	0	4	118
		T3LG	22013	3	0	4	108	22970	3	0	4	113	22970	3	0	4	113	22731	3	0	4	112	23927	3	0	4	117
		T4	19815	3	0	3	97	20677	3	0	3	101	20677	3	0	3	101	20462	3	0	3	100	21539	3	0	3	106
		T4A	25874	3	0	4	127	26999	3	0	4	132	26999	3	0	4	132	26718	3	0	4	131	28124	3	0	4	138
		T4LG	21008	3	0	4	103	21922	3	0	4	108	21922	3	0	4	108	21693	3	0	4	106	22835	3	0	4	112
		T4FT	21528	3	0	4	106	22464	3	0	4	110	22464	3	0	4	110	22230	3	0	4	109	23400	3	0	4	115
		T5	21645	3	0	3	106	22586	3	0	3	111	22586	3	0	3	111	22351	3	0	3	110	23527	3	0	3	115
		T5LG	21687	3	0	3	106	22630	3	0	3	111	22630	3	0	3	111	22394	3	0	3	110	23573	3	0	3	116
		T5W	20078	3	0	3	98	20951	3	0	3	103	20951	3	0	3	103	20733	3	0	3	102	21824	3	0	3	107
		T5WW	19013	3	0	3	93	19839	3	0	3	97	19839	3	0	3	97	19633	3	0	3	96	20666	3	0	4	101
		FN	24653	5	0	5	121	25725	5	0	5	126	25725	5	0	5	126	25457	5	0	5	125	26797	5	0	5	131
		FM	24552	5	0	5	120	25620	5	0	5	126	25620	5	0	5	126	25353	5	0	5	124	26687	5	0	5	131
		FW	24896	4	0	4	122	25979	4	0	4	127	25979	4	0	4	127	25708	4	0	4	126	27061	4	0	4	133
		T1	30104	4	0	4	96	31413	4	0	4	100	31413	4	0	4	100	31065	4	0	4	99	32721	4	0	4	104
		T2	32346	3	0	5	103	33752	3	0	5	107	33752	3	0	5	107	33401	3	0	5	106	35159	3	0	5	112
		T3R	30402	3	0	4	97	31724	3	0	4	101	31724	3	0	4	101	31394	3	0	4	100	33046	3	0	4	105
		T3	30738	2	0	4	98	32075	2	0	4	102	32075	2	0	4	102	31741	2	0	4	101					