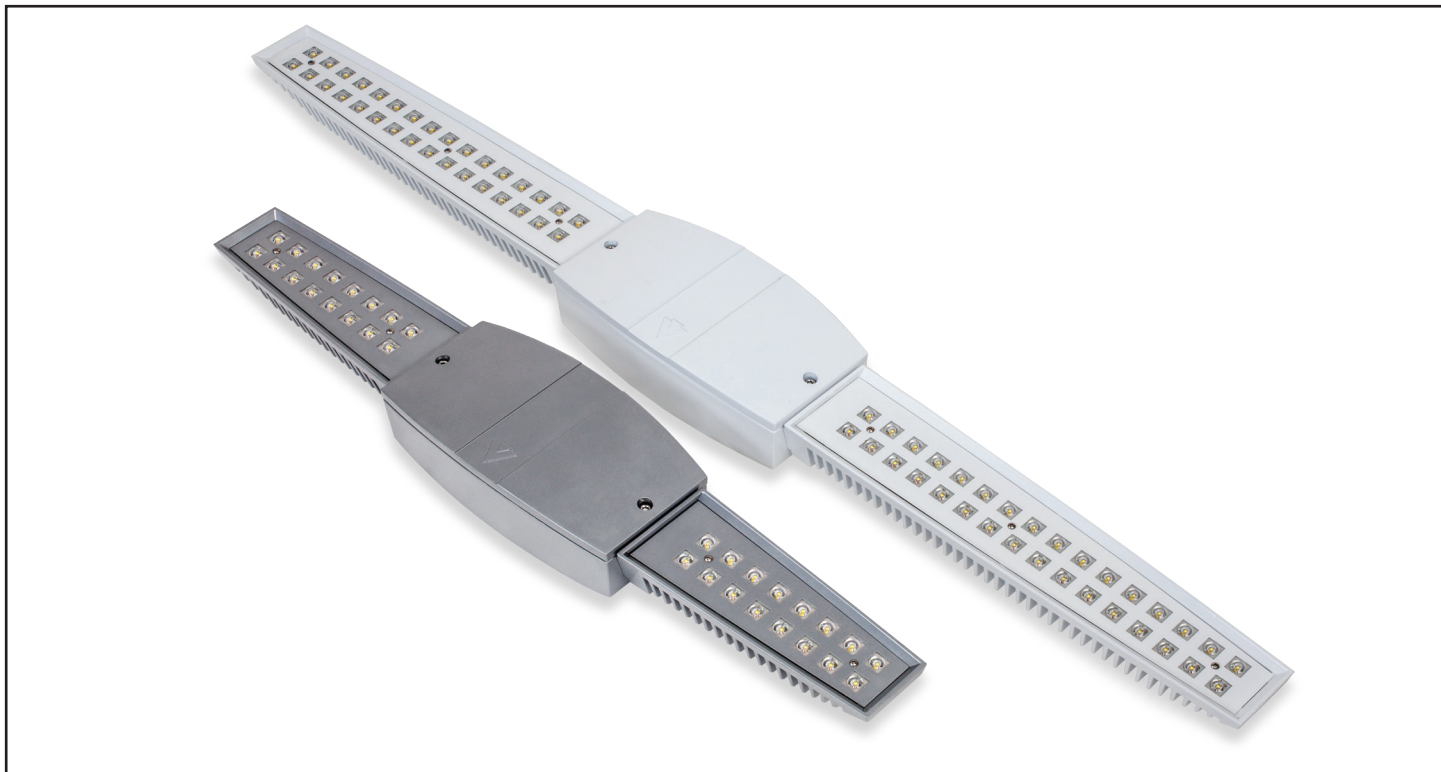


BOW LED Specifications

Area - Site - Commercial - Parking



The Bow LED luminaire from Visionaire, simplifies the task of selecting the best solution for LED parking garage lighting. The linear design of the luminaire, compliments the linear design of the pre-cast concrete coffers; creating an integrated lighting effect; and maximizes the perceived lighting coverage. It is an ideal replacement for the high-maintenance fluorescent fixtures of yesterday.

The LED light engines are die-cast aluminum with external heat radiating fins for maximum heat dissipation; and is available in two sizes with either 32 or 64 LEDs. The separate cast aluminum driver compartment allows the driver to operate cooler for long life. Available for pendant mounting, wall mounting or choose the shallow speed mount bracket.

Seventeen optical distribution patterns are available. Choose between 2700, 3000, 3,500 4000 or 5000 CCT LEDs and 70, 80 or 90 CRI.

A durable polyester powder coat finish is guaranteed for five years; and is available in standard or custom colors.

The Bow LED series is an exceptional choice for parking garage lighting and other ceiling mount applications.

Project Name:	
Catalog Number:	
Type:	
Date:	Location:

MODEL	OPTICS		LEDs	CURRENT	CCT
BOW-1	T1 Type 1	T5 Type 5	32LD	3 350mA	27K7 27K8 27K9 2700K 70, 80, & 90 CRI
BOW-2	T2 Type 2	T5W Type 5 Wide	64LD	5 530mA	30K7 30K8 30K9 3000K 70, 80, & 90 CRI
	T3 Type 3	T5WW Type 5 Extra Wide		7 700mA	35K7 35K8 35K9 3500K 70, 80, & 90 CRI
	T3R Type 3 Round	T5LG Type 5 Low Glare		10 1050mA	40K7 40K8 40K9 4000K 70, 80, & 90 CRI
	T3W Type 3 Wide	FN Flood Narrow		12 1200mA	50K7 50K8 50K9 5000K 70, 80, & 90 CRI
	T3LG Type 3 Low Glare	FM Flood Medium			
	T4 Type 4	FW Flood Wide			
	T4A Type 4 Automotive				
	T4FT Type 4 Forward Throw				
	T4LG Type 4 Low Glare				
VOLTAGE	MOUNTING	FINISH	CONTROL OPTIONS	SHIELD OPTIONS	OPTIONS
UNV 120-277V	SMB Speed Mount Bracket Ceiling Mount	BZ Bronze	DIM 0-10v Dimming Driver No Controls	CLS Backside cutoff shield	DS Decorative Shroud
8 347V	PM12 Pendant Mount 12" *30" Leads	BK Black	DTO Dim to Off Driver	RCLS Rightside cutoff shield	ROT-R Rotated Optics Right Side
5 480V	PM24 Pendant Mount 24" *42" Leads	GY Grey	WSP6-L2 WSP6-L3 WSP6-L7 8' Mounting Height 9-20' Mounting Height 21-40' Mounting Height	LCLS Leftside cutoff shield	ROT-L Rotated Optics Left Side
	PM36 Pendant Mount 36" *54" Leads	SBK Smooth Black	WSC-8 WSC-20 WSC-40 8' Mounting Height 9-20' Mounting Height 21-40' Mounting Height	BHS House shield	EBPL Emergency Battery Pack *Not available with WSP6
	WM Wall Mount	WH White	*The WSC option will require (1)FSIR 100 remote for programming		BD Bird Deterrent Pendant Mount Only
	UPL12 Up Light Mount 12"	SWH Smooth White	Z10 or Z18 Zhaga 4 Pin Receptacle		LDL Lightly Diffused Lens *700mA Max Current
	UPL24 Up Light Mount 24"	GP Graphite	VWC Visionaire Wireless Control		BBG Bird Spikes
	UPL36 Up Light Mount 36"	GY Grey			BAA Buy America(n) Act Compliant
	Up Light Pendant Mount for indoor applications only.	SL Silver Metallic			
		ZFP Zinc-Free Primer Coat			
		CC Custom Color			

Housing

The separate driver housing is constructed of cast aluminum with a cast aluminum cover with captive fasteners; for easy access to the LED driver; allowing for cooler operation and longer life.

Silicone gasketing is utilized throughout the fixture for weather tight operation.

Thermal Management

The BOW Series provides excellent overall thermal management by maximizing the fixture's dual heat sink capabilities. This enables the Bow Series to withstand higher ambient temperatures and drive currents without degrading LED life. The BOW Series has a low thermal resistance rating. The heat radiating fins create superior thermal dissipation.

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

Optical System

The highest lumen output, LEDs are utilized in the BOW Series. Available with 17 IES distribution patterns. LED light engines come in multiples of 16 or 32 LEDs.

• CRI values are 70, 80 or 90.

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

Quali-Guard® Finish

A Quali-Guard® thermoset polyester powder coat painted finish is available in standard and custom colors.

Mounting

A galvanized steel ceiling mount bracket can be secured directly to a recessed junction box, or to the ceiling for surface mounting of the fixture. Mounting studs extend from the bracket for easy mounting of the housing to the ceiling mount bracket.

A cast aluminum mounting hub is supplied with a 3/8" NPT for pendant mount applications.

Electrical Assembly

The BOW 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. Power factor of 90%. 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.

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
- 0-10v Dimming Driver
- Dim to Off Driver
- Visionaire Wireless Control
- Emergency Battery Pack
- Bird Deterrent
- Lightly Diffused Lens

Listings

- ETL Listed
- LM79 and LM80
- RoHS compliant
- IP-66 listed
- Powder Coated Tough™

Patent No. USD688403S

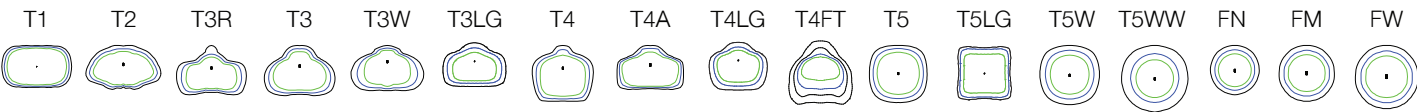
3000K or lower must be selected for IDA certification.

**Light Color**

Correlated Color Temperature (CCT)

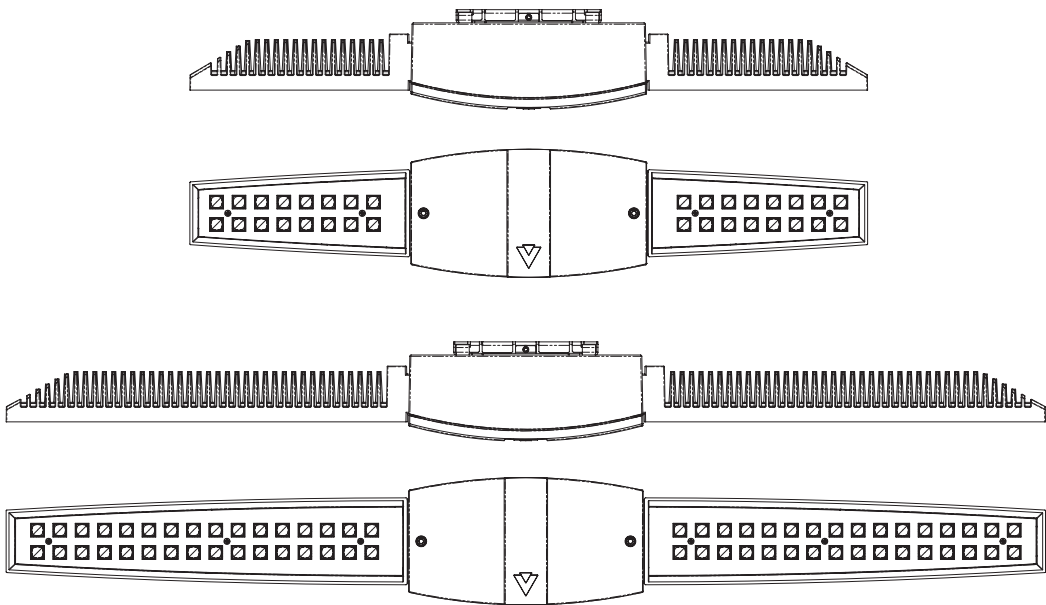


Photometric Optical Summary

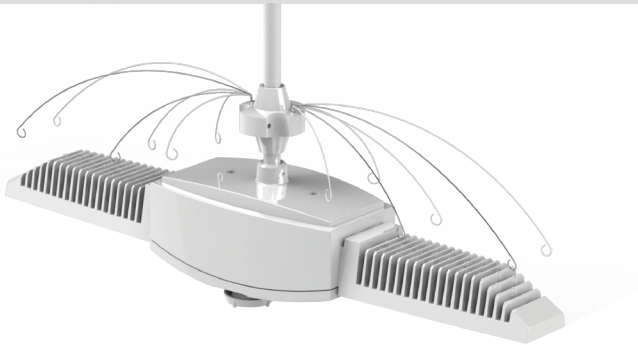


Dimensions

Width:	BOW-1	5.5"	Width:	BOW-2	5.5"
Height:	BOW-1	4.5"	Height:	BOW-2	4.5"
Depth:	BOW-1	30"	Depth:	BOW-2	46.5"
Weight:	BOW-1	18 LBS	Weight:	BOW-2	22 LBS



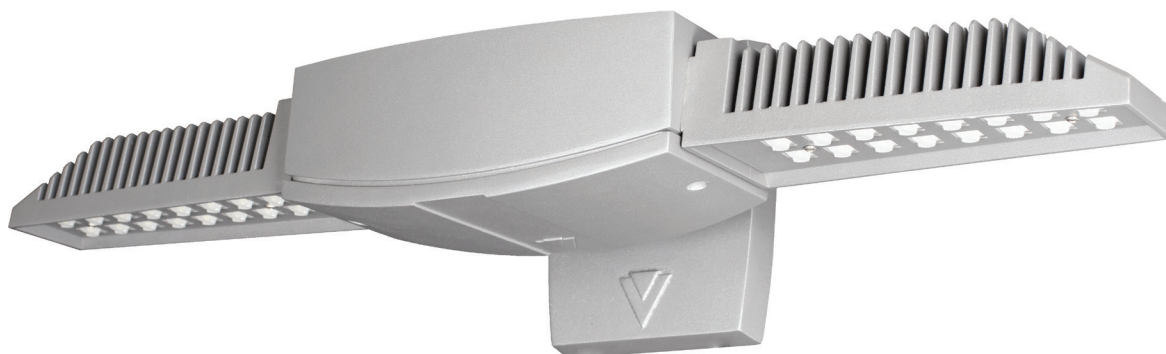
Bird Deterrent



Up Light Mount



Wall Mount



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



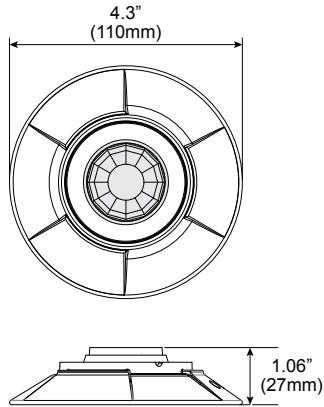
FSP-221



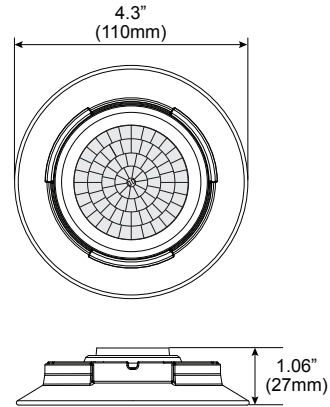
Lens with Shroud Dimensions

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

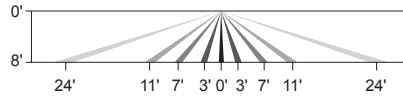
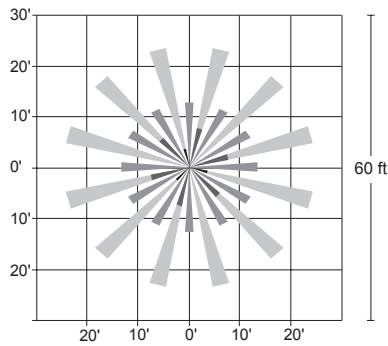
FSP-L2-S and FSP-L3-S



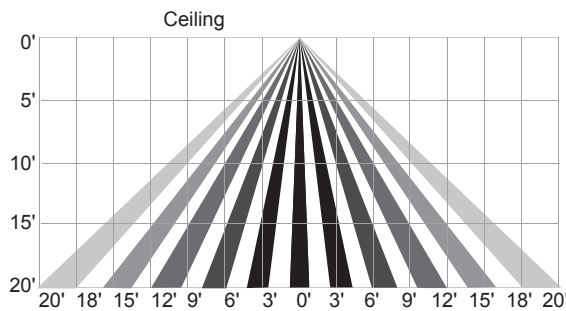
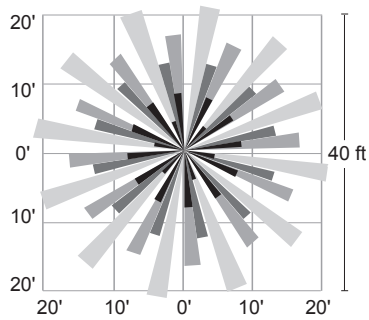
FSP-L7-S



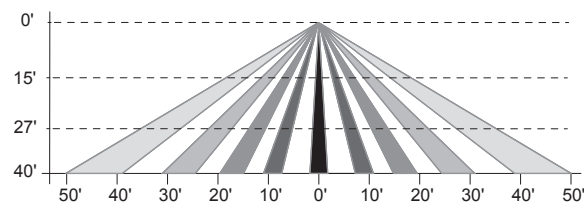
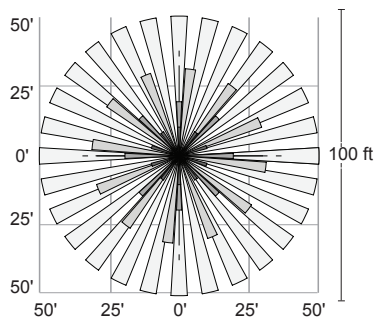
COVERAGE



FSP-L2 top and side coverage patterns



FSP-L3 top and side coverage patterns



FSP-L7 top and side coverage patterns

BOW 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		
32LD	350 mA (32.9W)	T1	3325	2	0	2	101	3614	2	0	2	110	3614	2	0	2	110	3695	2	0	2	109	3772	2	0	2	115		
		T2	3614	1	0	1	110	3928	2	0	1	120	3928	2	0	1	120	3908	2	0	1	119	4100	2	0	2	125		
		T3R	3680	1	0	1	112	4001	2	0	1	122	4001	2	0	1	122	3979	2	0	1	121	4175	2	0	1	127		
		T3	3751	1	0	1	114	4077	2	0	1	124	4077	2	0	1	124	4056	2	0	1	123	4255	2	0	1	129		
		T3W	3794	1	0	1	115	4124	2	0	1	125	4124	2	0	1	125	4102	2	0	1	125	4303	2	0	1	131		
		T3LG	3617	1	0	2	110	3931	1	0	2	120	3931	1	0	2	120	3910	1	0	2	119	4102	1	0	2	125		
		T4	3696	2	0	1	112	4018	2	0	1	122	4018	2	0	1	122	3996	2	0	1	122	4193	2	0	1	128		
		T4A	4090	2	0	1	124	4446	2	0	1	135	4446	2	0	1	135	4422	2	0	1	135	4640	2	0	1	141		
		T4LG	3656	1	0	2	111	3974	1	0	2	121	3974	1	0	2	121	3953	1	0	2	120	4147	1	0	2	126		
		T5	3853	2	0	1	117	4188	2	0	1	127	4188	2	0	1	127	4166	2	0	1	127	4371	2	0	1	133		
		T5LG	3695	1	0	1	112	4017	1	0	1	122	4017	1	0	1	122	3995	1	0	1	122	4192	1	0	1	128		
		T5W	3509	1	0	1	107	3814	1	0	1	116	3814	1	0	1	116	3794	1	0	1	115	3981	2	0	1	121		
		T5WW	3275	1	0	1	100	3559	1	0	1	108	3559	1	0	1	108	3540	1	0	1	108	3714	1	0	1	113		
		FN	3872	2	0	1	118	4209	2	0	1	128	4209	2	0	1	128	4187	2	0	1	127	4393	2	0	1	134		
		FM	3931	3	0	1	120	4273	3	0	1	130	4273	3	0	1	130	4250	3	0	1	129	4459	3	0	1	136		
		FW	4213	2	0	1	128	4580	2	0	1	139	4580	2	0	1	139	4555	2	0	1	139	4779	2	0	1	145		
		AD	3408	2	0	1	104	3704	2	0	1	113	3704	2	0	1	113	3684	2	0	1	112	3865	2	0	1	118		
32LD	530 mA (50.7W)	T1	5034	2	0	2	99	5471	2	0	2	108	5471	2	0	2	108	5442	2	0	2	107	5710	2	0	2	113		
		T2	5471	2	0	2	108	5947	2	0	2	117	5947	2	0	2	117	5915	2	0	2	117	6206	2	0	2	122		
		T3R	5572	2	0	1	110	6056	2	0	1	119	6056	2	0	1	119	6024	2	0	1	119	6320	2	0	2	125		
		T3	5678	2	0	1	112	6172	2	0	1	122	6172	2	0	1	122	6139	2	0	1	121	6441	2	0	1	127		
		T3W	5743	2	0	1	113	6242	2	0	1	123	6242	2	0	1	123	6209	2	0	1	122	6514	2	0	1	129		
		T3LG	5475	1	0	2	108	5951	1	0	2	117	5951	1	0	2	117	5919	1	0	2	117	6210	1	0	2	123		
		T4	5596	2	0	1	110	6082	2	0	1	120	6082	2	0	1	120	6050	2	0	1	119	6347	2	0	2	125		
		T4A	6192	2	0	1	122	6730	2	0	1	133	6730	2	0	1	133	6694	2	0	1	132	7024	2	0	1	139		
		T4LG	5534	1	0	2	109	6016	1	0	2	119	6016	1	0	2	119	5984	1	0	2	118	6278	1	0	2	124		
		T5	5833	2	0	1	115	6340	2	0	1	125	6340	2	0	1	125	6306	2	0	1	124	6617	2	0	1	131		
		T5LG	5594	2	0	2	110	6080	2	0	2	120	6080	2	0	2	120	6048	2	0	2	119	6345	2	0	2	125		
		T5W	5312	2	0	1	105	5774	2	0	1	114	5774	2	0	1	114	5744	2	0	1	113	6026	2	0	1	119		
		T5WW	4957	2	0	1	98	5388	2	0	1	106	5388	2	0	1	106	5360	2	0	1	106	5623	2	0	1	111		
		FN	5862	3	0	1	116	6372	3	0	1	126	6372	3	0	1	126	6338	3	0	1	125	6650	3	0	1	131		
		FM	5951	3	0	1	117	6469	3	0	1	128	6469	3	0	1	128	6434	3	0	1	127	6750	3	0	1	133		
		FW	6378	2	0	1	126	6933	3	0	1	137	6933	3	0	1	137	6896	2	0	1	136	7235	3	0	1	143		
		AD	5159	2	0	1	102	5607	3	0	1	111	5607	3	0	1	111	5577	3	0	1	110	5852	3	0	1	115		
32LD	700 mA (67.9W)	T1	6522	3	0	3	96	7089	3	0	3	104	7089	3	0	3	104	7052	3	0	3	104	7398	3	0	3	109		
		T2	7089	2	0	2	104	7705	2	0	2	113	7705	2	0	2	113	7664	2	0	2	113	8041	2	0	2	118		
		T3R	7219	2	0	2	106	7847	3	0	2	115	7847	3	0	2	115	7805	3	0	2	115	8189	3	0	2	121		
		T3	7358	2	0	2	108	7997	3	0	2	118	7997	3	0	2	118	7955	2	0	2	117	8346	3	0	2	123		
		T3W	7441	2	0	2	110	8088	2	0	2	119	8088	2	0	2	119	8045	2	0	2	118	8441	3	0	2	124		
		T3LG	7094	1	0	2	104	7711	1	0	3	113	7711	1	0	3	113	7670	1	0	2	113	8047	1	0	3	118		
		T4	7250	3	0	2	107	7881	3	0	2	116	7881	3	0	2	116	7839	3	0	2	115	8224	3	0	2	121		
		T4A	8023	2	0	1	118	8720	3	0	1	128	8720	3	0	1	128	8674	3	0	1	128	9100	3	0	1	134		
		T4LG	7171	1	0	2	106	7795	1	0	3	115	7795	1	0	3	115	7753	1	0	3	114	8134	1	0	3	120		
		T5	7558	2	0	2	111	8215	3	0	2	121	8215	3	0	2	121	8171	3	0	2	120	8573	3	0	2	126		
		T5LG	7248	2	0	2	107	7878	2	0	2	116	7878	2	0	2	116	7836	2	0	2	115	8222	2	0	2	121		
		T5W	6883	2	0	1	101	7482	2	0	2	110	7482	2	0	2	110	7442	2	0	2	110	7808	2	0	2	115		
		T5WW	6423	2	0	1	95	6982	2	0	2	103	6982	2	0	2	103	6944	2	0	2	102	7286	2	0	2	107		
		FN	7596	3	0	1	112	8256	3	0	1	122	8256	3	0	1	122	8212	3	0	1	121	8616	3	0	2	127		
		FM	7711	3	0	1	113	8381	3	0	1	123	8381	3	0	1	123	8337	3	0	1	123	8746	3	0	1	129		
		FW	8264	3	0	1	122	8983	3	0	1	132	8983	3	0	1	132	8935	3	0	1	132	9374	3	0	1	136		
		AD	6884	3	0	1	98	7265	3	0	1	107	7265	3	0	1	107	7227	3	0	1	106	7582	3	0	2	112		
32LD	1050 mA (104.8W) * Not Available with Lightly Diffused Lens	T1	9231	3	0	3	88	10033	3	0	3	96	10033	3	0	3	96	9980	3	0	3	95	10471	3	0	3	100		
		T2	10033	3	0	3	96	10905	3	0	3	104	10905	3	0	3	104	10847	3	0	3	104	11381	3	0	3	109		
		T3R	10217	3	0	2	97	11106	3	0	2	106	11106	3	0	2	106	11046	3	0	2	105	11590	3	0	2	111		
		T3	10413	3	0	2	99	11319	3	0	2	108	11319	3	0	2	108	11258	3	0	2	107	11812	3	0	2	113		
		T3W	10531	3	0	2	100	11447	3	0	2	109	11447	3	0	2	109	11386	3	0	2	109	11946	3	0	2	114		

BOW 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	6985	3	0	3	106	7593	3	0	3	116	7593	3	0	3	116	7552	3	0	3	115	7924	3	0	3	121		
		T2	7592	2	0	2	116	8253	3	0	3	126	8253	3	0	3	126	8209	3	0	3	125	8612	3	0	3	131		
		T3R	7732	3	0	2	118	8404	3	0	2	128	8404	3	0	2	128	8359	3	0	2	127	8770	3	0	2	133		
		T3	7880	2	0	2	120	8565	3	0	2	130	8565	3	0	2	130	8520	3	0	2	130	8939	3	0	2	136		
		T3W	7970	2	0	2	121	8663	3	0	2	132	8663	3	0	2	132	8616	3	0	2	131	9040	3	0	2	138		
		T3LG	7598	3	0	2	116	8258	3	0	2	126	8258	3	0	2	126	8214	3	0	2	125	8618	3	0	2	131		
		T4	7765	3	0	2	118	8440	3	0	2	128	8440	3	0	2	128	8395	3	0	2	128	8806	3	0	2	134		
		T4A	8592	3	0	1	131	9340	3	0	1	142	9340	3	0	1	142	9290	3	0	1	141	9747	3	0	1	148		
		T4LG	7680	3	0	3	117	8348	3	0	3	127	8348	3	0	3	127	8304	3	0	3	126	8712	3	0	3	133		
		T5	8094	3	0	2	123	8798	3	0	2	134	8798	3	0	2	134	8752	3	0	2	133	9182	3	0	2	140		
		T5LG	7763	2	5	2	118	8438	3	5	2	128	8438	3	5	2	128	8393	3	5	2	128	8806	3	5	2	134		
		T5W	7372	2	0	2	112	8013	3	0	2	122	8013	3	0	2	122	7970	3	0	2	121	8362	3	0	2	127		
		T5WW	6879	2	0	1	105	7477	2	0	2	114	7477	2	0	2	114	7438	2	0	2	113	7803	2	0	2	119		
		FN	8135	3	0	2	124	8842	4	0	2	135	8842	4	0	2	135	8795	4	0	2	134	9228	4	0	2	140		
		FM	8258	3	0	1	126	8976	4	0	1	137	8976	4	0	1	137	8929	4	0	1	136	9368	4	0	1	143		
		FW	8851	3	0	1	135	9621	3	0	1	146	9621	3	0	1	146	9570	3	0	1	146	10040	3	0	1	153		
		AD	7159	3	0	1	109	7781	3	0	2	118	7781	3	0	2	118	7740	3	0	2	118	8120	3	0	2	124		
		64LD	530 mA (101.4W)	T1	10575	3	0	3	104	11494	3	0	3	113	11494	3	0	3	113	11433	3	0	3	113	11995	3	0	3	118
				T2	11494	3	0	3	113	12493	3	0	3	123	12493	3	0	3	123	12427	3	0	3	123	13038	3	0	3	129
T3R	11704			3	0	2	115	12722	3	0	2	125	12722	3	0	2	125	12655	3	0	2	125	13277	3	0	2	131		
T3	11929			3	0	2	118	12966	3	0	2	128	12966	3	0	2	128	12897	3	0	2	127	13531	3	0	2	133		
T3W	12064			3	0	2	119	13114	3	0	2	129	13114	3	0	2	129	13044	3	0	2	129	13685	3	0	2	135		
T3LG	11502			3	0	3	113	12502	3	0	3	123	12502	3	0	3	123	12435	3	0	3	123	13046	3	0	3	129		
T4	11755			3	0	2	116	12777	3	0	2	126	12777	3	0	2	126	12709	3	0	2	125	13334	3	0	2	132		
T4A	13007			3	0	2	128	14139	3	0	2	139	14139	3	0	2	139	14063	3	0	2	139	14755	3	0	2	146		
T4LG	11627			3	0	3	115	12638	3	0	3	125	12638	3	0	3	125	12570	3	0	3	124	13188	3	0	3	130		
T5	12254			3	0	2	121	13319	3	0	2	131	13319	3	0	2	131	13248	3	0	2	131	13900	3	0	2	137		
T5LG	11752			3	5	2	116	12773	3	5	3	126	12773	3	5	3	126	12706	3	5	3	125	13330	3	5	3	131		
T5W	11160			3	0	2	110	12130	3	0	2	120	12130	3	0	2	120	12066	3	0	2	119	12659	3	0	2	125		
T5WW	10414			3	0	2	103	11319	3	0	2	112	11319	3	0	2	112	11259	3	0	2	111	11813	3	0	2	117		
FN	12315			4	0	2	121	13386	4	0	2	132	13386	4	0	2	132	13315	4	0	2	131	13969	4	0	2	138		
FM	12502			4	0	1	123	13589	4	0	1	134	13589	4	0	1	134	13516	4	0	1	133	14181	4	0	1	140		
FW	13399			3	0	1	132	14564	3	0	1	144	14564	3	0	1	144	14487	3	0	1	143	15199	3	0	1	150		
AD	10837			3	0	2	107	11780	3	0	2	116	11780	3	0	2	116	11717	3	0	2	116	12293	3	0	2	121		
64LD	700 mA (135.9W)			T1	13701	4	0	4	101	14893	4	0	4	110	14893	4	0	4	110	14814	4	0	4	109	15542	4	0	4	114
				T2	14892	3	0	3	110	16187	3	0	3	119	16187	3	0	3	119	16101	3	0	3	118	16893	3	0	3	124
		T3R	15165	3	0	3	112	16484	3	0	3	121	16484	3	0	3	121	16396	3	0	3	121	17202	3	0	3	127		
		T3	15456	3	0	2	114	16800	3	0	3	124	16800	3	0	3	124	16711	3	0	3	123	17533	3	0	3	129		
		T3W	15632	3	0	3	115	16991	3	0	3	125	16991	3	0	3	125	16901	3	0	3	124	17732	3	0	3	130		
		T3LG	14902	3	0	3	110	16198	4	0	3	119	16198	4	0	3	119	16112	4	0	3	119	16904	4	0	3	124		
		T4	15231	3	0	3	112	16555	3	0	3	122	16555	3	0	3	122	16467	3	0	3	121	17276	3	0	3	127		
		T4A	16854	3	0	2	124	18319	4	0	2	135	18319	4	0	2	135	18222	4	0	2	134	19117	4	0	2	141		
		T4LG	15064	3	0	3	111	16374	3	0	3	121	16374	3	0	3	121	16287	3	0	3	120	17088	4	0	4	126		
		T5	15877	3	0	2	117	17257	3	0	3	127	17257	3	0	3	127	17166	3	0	3	126	18010	3	0	3	133		
		T5LG	15226	3	5	3	112	16550	3	5	3	122	16550	3	5	3	122	16462	3	5	3	121	17272	3	5	3	127		
		T5W	14460	3	0	2	106	15717	3	0	2	116	15717	3	0	2	116	15634	3	0	2	115	16402	3	0	2	121		
		T5WW	13493	3	0	2	99	14666	3	0	2	108	14666	3	0	2	108	14588	3	0	2	107	15306	3	0	2	113		
		FN	15956	4	0	3	117	17344	5	0	3	128	17344	5	0	3	128	17252	4	0	3	127	18100	5	0	3	133		
		FM	16198	4	0	1	119	17607	5	0	1	130	17607	5	0	1	130	17513	4	0	1	129	18374	5	0	1	135		
		FW	17361	4	0	1	128	18871	4	0	1	139	18871	4	0	1	139	18771	4	0	1	138	19693	4	0	1	145		
		AD	14042	4	0	2	103	15263	4	0	3	112	15263	4	0	3	112	15181	4	0	3	112	15928	4	0	3	117		
		64LD	1050 mA (209.6W) * Not Available with Lightly Diffused Lens	T1	19392	4	0	4	93	21078	4	0	4	101	21078	4	0	4	101	20966	4	0	4	100	21996	4	0	4	105
				T2	21077	4	0	4	101	22910	4	0	4	109	22910	4	0	4	109	22788	4	0	4	109	23908	4	0	4	114
T3R	21464			4	0	3	102	23330	4	0	3	111	23330	4	0	3	111	23206	4	0	3	111	24347	4	0	3	116		
T3	21875			4	0	3	104	23778	4	0	3	113	23778	4	0	3	113	23651	4	0	3	113	24814	4	0	3	118		
T3W	22124			4	0	3	106	24047	4	0	3	115	24047	4	0	3	115	23920	4	0	3	114	25095	4	0	3	120		
T3LG	21091			4	0	3	101	22925	4	0	4	109	22925	4	0	4	109	22803	4	0	4	109	23924	4	0	4	114		
T4	21556			4	0	3	103	23430	4	0	3	112	23430</																