

C-BOW-1 LED Specifications

Architectural - Site - Outdoor



Cross Bow LED Bollard Series

Sleek Design Meets Powerful Performance. The Cross Bow LED Series continues Visionaire Lighting's tradition of modern, architectural styling inspired by the distinctive BOW Collection. Its streamlined form and precision engineering make it a standout solution for contemporary site and pathway lighting.

Engineered for performance and longevity, the Cross Bow design separates the driver housing from the individual die-cast aluminum linear LED engines — optimizing thermal management, extending component life, and maximizing lumen output for consistent, long-term reliability.

Each LED module is configured in multiples of 16 LEDs, up to 32 total, with your choice of 2700K, 3000K, 3500K, 4000K, or 5000K color temperatures to match any environment. A wide range of Seventeen optical distribution patterns ensures precision control and uniform illumination and CRI values are 70, 80 or 90.

Delivering up to 15,000+ lumens and available in packages reaching 120 watts, the Cross Bow achieves an impressive efficacy average of 135 lumens per watt — combining high performance with exceptional energy efficiency. Integrated lighting controls provide advanced flexibility for dimming and scheduling, ensuring optimal light where and when it's needed.

Constructed from durable materials and finished in a premium polyester powder coat available in standard or custom colors, every fixture is backed by a five-year warranty for enduring quality and appearance.

Perfectly suited for low-level illumination along walkways, plazas, entries, and landscaped areas, the Cross Bow LED Series delivers a balance of modern elegance, performance, and efficiency — a striking addition to any architectural environment.

Project Name:

Catalog Number:

Type:

Date:

Location:

MODEL	HEIGHT	OPTICS		LEDs	CURRENT	
C-BOW-1	3 36" 3.5 42"	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	16LD Single 32LD Double	3 350mA 5 530mA 7 700mA 10 1050mA 12 1200mA	
CCT	VOLTAGE	MOUNTING	FINISH	CONTROL OPTIONS	SHIELD OPTIONS	OPTIONS
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	UNV 120-277V	AB Anchor Base (ANCHOR BOLT KIT SUPPLIED)	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	PC-120 PC-208 PC-240 PC-277 Button Type Photocell DIM 0-10v Dimming Driver DTO Dim To Off	CLS Backside cutoff shield RCLS Rightside cutoff shield LCLS Leftside cutoff shield BHS House shield	DS Decorative Shroud ROT-R Rotated Optics Right Side ROT-L Rotated Optics Left Side BBG Bird Spikes GFI GFI Receptacle *Standard location is in hand hole. *Specify GFI location if different from hand hole location. Supplied with in use cover. USB USB Receptacle *Specify location. Supplied with in use cover. BAA Buy America(n) Act Compliant

Housing

The LED light engines are constructed of heavy-duty, die-cast aluminum, with external heat radiating fins. The 4" extruded pole contains the driver(s), allowing for cooler operation and longer life. Silicone gasketing is utilized throughout the fixture for weather tight operation.

Thermal Management

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

- The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The Cross 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 LED Arrays are utilized in the Cross Bow Series. Seventeen IES distribution Types are available. LED light assemblies come in multiples of 16 LED. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution.

- Available with 17 IES distribution patterns.
- CRI values are 70, 80 or 90.
- CCT values are 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 mil thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors. Finish is guaranteed for five (5) years.

Mounting

The Cross Bow Luminaire is easily attached to the pole by 2 tamper-proof countersunk screws.

Electrical Assembly

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

10 kV surge protector supplied as standard.

Warranty

Five (5) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit visionairelighting.com.

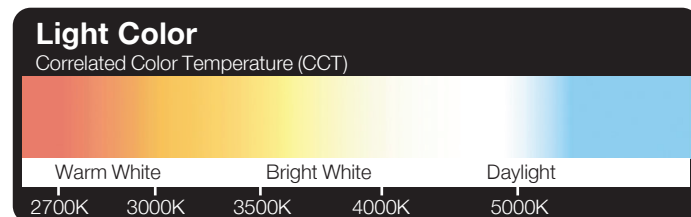
Options

Button Type Photocell
0-10v Dimming Driver
Dim To Off
Shielding Options
Decorative Shroud
Rotated Optics
Bird Spikes
GFI Receptacle
USB Receptacle
BAA

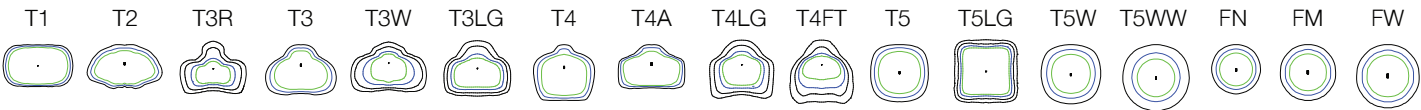
Listings

Cross Bow Series is ETL listed, suitable for wet locations.
LM79 and LM80
RoHS compliant
IP66 rated
Powder Coated Tough™

3000K or lower must be selected for IDA certification.



Photometric Optical Summary



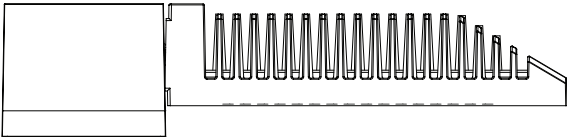
Dimensions

Single

Width:	C-BOW-1 4"
Height:	C-BOW-1 2.5"
Depth:	C-BOW-1 14"

Double

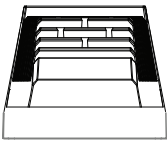
Width:	C-BOW-1 4"
Height:	C-BOW-1 2.5"
Depth:	C-BOW-1 24"

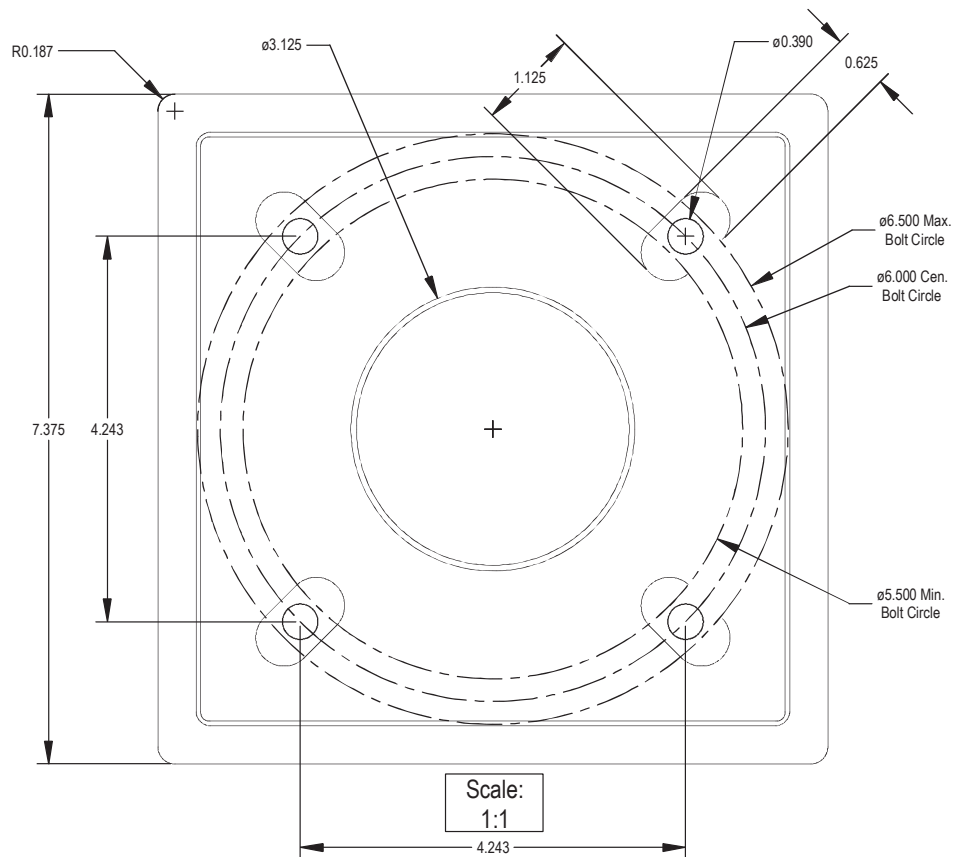


Single

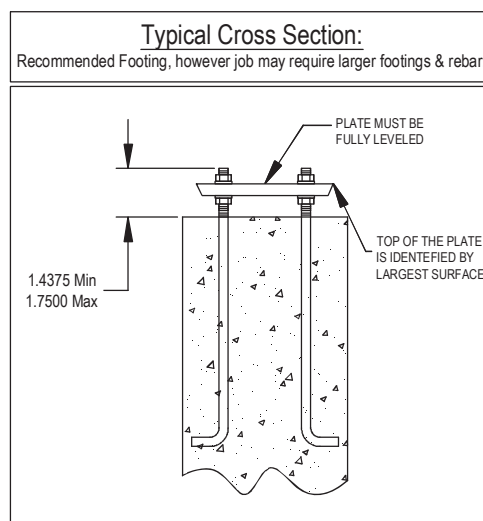


Double



BASE DETAIL**Base Template:**

Aluminum Shaft 4" Square
for 3/8 Anchor Bolts



C-BOW-1 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
16LD	350 mA (16.4W)	T1	1982	1	0	1	121	2068	1	0	1	126	2068	1	0	1	126	2054	1	0	1	125	2154	1	0	1	131
		T2	2066	1	0	1	126	2246	1	0	1	137	2246	1	0	1	137	2234	1	0	1	136	2344	1	0	1	143
		T3R	2045	1	0	1	124	2223	1	0	1	135	2223	1	0	1	135	2211	1	0	1	135	2320	1	0	1	141
		T3	2038	0	0	1	124	2215	0	0	1	135	2215	0	0	1	135	2203	0	0	1	134	2312	0	0	1	141
		T3W	2072	0	0	1	126	2252	1	0	1	137	2252	1	0	1	137	2240	1	0	1	136	2350	1	0	1	143
		T3LG	1993	1	0	1	121	2079	1	0	1	127	2079	1	0	1	127	2064	1	0	1	126	2166	1	0	1	132
		T4	2022	1	0	1	123	2198	1	0	1	134	2198	1	0	1	134	2186	1	0	1	133	2294	1	0	1	140
		T4A	2191	1	0	0	133	2382	1	0	1	145	2382	1	0	1	145	2369	1	0	0	144	2485	1	0	1	151
		T4LG	1991	1	0	1	121	2077	1	0	1	126	2077	1	0	1	126	2062	1	0	1	125	2164	1	0	1	132
		T4FT	2163	1	0	1	132	2253	1	0	1	137	2253	1	0	1	137	2241	1	0	1	136	2351	1	0	1	143
		T5	2083	1	0	1	127	2264	1	0	1	138	2264	1	0	1	138	2252	1	0	1	137	2363	1	0	1	144
		T5LG	2090	1	0	1	127	2180	1	0	1	133	2180	1	0	1	133	2165	1	0	1	132	2271	1	0	1	138
		T5W	1824	1	0	1	111	1983	1	0	1	121	1983	1	0	1	121	1972	1	0	1	120	2069	1	0	1	126
		T5WW	1770	1	0	1	108	1924	1	0	1	117	1924	1	0	1	117	1913	1	0	1	116	2007	1	0	1	122
		FW	2060	1	0	1	125	2240	1	0	1	136	2240	1	0	1	136	2228	1	0	1	136	2337	1	0	1	142
		16LD	530 mA (25.3W)	T1	3001	2	0	2	118	3131	2	0	2	124	3131	2	0	2	124	3109	2	0	2	123	3261	2	0
T2	3128			1	0	1	123	3400	1	0	1	134	3400	1	0	1	134	3381	1	0	1	133	3548	1	0	1	140
T3R	3096			1	0	1	122	3365	1	0	1	133	3365	1	0	1	133	3347	1	0	1	132	3511	1	0	1	139
T3	3085			1	0	1	122	3353	1	0	1	132	3353	1	0	1	132	3336	1	0	1	132	3500	1	0	1	138
T3W	3136			1	0	1	124	3409	1	0	1	134	3409	1	0	1	134	3391	1	0	1	134	3557	1	0	1	140
T3LG	3017			1	0	1	119	3148	1	0	1	124	3148	1	0	1	124	3125	1	0	1	123	3279	1	0	1	129
T4	3061			1	0	1	121	3327	1	0	1	131	3327	1	0	1	131	3310	1	0	1	131	3472	1	0	1	137
T4A	3317			1	0	1	131	3605	1	0	1	142	3605	1	0	1	142	3586	1	0	1	142	3763	1	0	1	148
T4LG	3013			1	0	1	119	3144	1	0	1	124	3144	1	0	1	124	3122	1	0	1	123	3275	1	0	1	129
T4FT	3274			1	0	1	129	3411	1	0	1	135	3411	1	0	1	135	3392	1	0	1	134	3559	1	0	1	140
T5	3153			2	0	2	124	3427	2	0	2	135	3427	2	0	2	135	3409	2	0	2	135	3577	2	0	2	141
T5LG	3163			1	0	1	125	3301	1	0	1	130	3301	1	0	1	130	3277	1	0	1	129	3438	1	0	1	136
T5W	2762			1	0	1	109	3002	1	0	1	118	3002	1	0	1	118	2986	1	0	1	118	3133	1	0	1	124
T5WW	2679			1	0	1	106	2912	1	0	1	115	2912	1	0	1	115	2897	1	0	1	114	3039	1	0	1	120
FW	3119			1	0	1	123	3390	1	0	1	134	3390	1	0	1	134	3372	1	0	1	133	3538	1	0	1	140
16LD	700 mA (34.0W)			T1	3888	2	0	2	114	4057	2	0	2	119	4057	2	0	2	119	4028	2	0	2	119	4226	2	0
		T2	4052	1	0	2	119	4405	1	0	2	130	4405	1	0	2	130	4381	1	0	2	129	4597	1	0	2	135
		T3R	4011	1	0	1	118	4360	1	0	1	128	4360	1	0	1	128	4337	1	0	1	128	4550	1	0	1	134
		T3	3997	1	0	1	118	4345	1	0	1	128	4345	1	0	1	128	4322	1	0	1	127	4534	1	0	1	133
		T3W	4063	1	0	1	120	4417	1	0	1	130	4417	1	0	1	130	4393	1	0	1	129	4609	1	0	1	136
		T3LG	3908	1	0	1	115	4078	1	0	1	120	4078	1	0	1	120	4049	1	0	1	119	4248	1	0	1	125
		T4	3966	1	0	1	117	4311	1	0	1	127	4311	1	0	1	127	4288	1	0	1	126	4499	1	0	1	132
		T4A	4298	1	0	1	127	4671	1	0	1	138	4671	1	0	1	138	4647	1	0	1	137	4875	1	0	1	144
		T4LG	3904	1	0	1	115	4074	1	0	1	120	4074	1	0	1	120	4045	1	0	1	119	4244	1	0	1	125
		T4FT	4243	1	0	2	125	4419	1	0	2	130	4419	1	0	2	130	4395	1	0	2	129	4612	1	0	2	136
		T5	4085	2	0	2	120	4441	2	0	2	131	4441	2	0	2	131	4417	2	0	2	130	4634	2	0	2	136
		T5LG	4099	2	0	2	121	4277	2	0	2	126	4277	2	0	2	126	4246	2	0	2	125	4455	2	0	2	131
		T5W	3578	2	0	2	105	3890	2	0	2	114	3890	2	0	2	114	3869	2	0	2	114	4059	2	0	2	119
		T5WW	3471	2	0	2	102	3773	2	0	2	111	3773	2	0	2	111	3753	2	0	2	110	3938	2	0	2	116
		FW	4041	2	0	1	119	4393	2	0	1	129	4393	2	0	1	129	4369	2	0	1	129	4584	2	0	1	135
		16LD	1050 mA (52.4W)	T1	5502	3	0	3	105	5742	3	0	3	110	5742	3	0	3	110	5701	3	0	3	109	5981	3	0
T2	5735			2	0	2	109	6234	2	0	2	119	6234	2	0	2	119	6201	2	0	2	118	6506	2	0	2	124
T3R	5677			1	0	2	108	6170	1	0	2	118	6170	1	0	2	118	6138	1	0	2	117	6439	1	0	2	123
T3	5658			1	0	1	108	6150	1	0	1	117	6150	1	0	1	117	6117	1	0	1	117	6418	1	0	1	122
T3W	5751			1	0	1	110	6251	1	0	2	119	6251	1	0	2	119	6218	1	0	2	119	6523	1	0	2	125
T3LG	5532			1	0	1	106	5772	1	0	1	110	5772	1	0	1	110	5731	1	0	1	109	6013	1	0	1	115
T4	5614			1	0	2	107	6102	1	0	2	116	6102	1	0	2	116	6069	1	0	2	116	6368	1	0	2	122
T4A	6083			1	0	1	116	6612	1	0	1	126	6612	1	0	1	126	6576	1	0	1	126	6900	1	0	1	132
T4LG	5526			1	0	1	105	5766	1	0	1	110	5766	1	0	1	110	5725	1	0	1	109	6006	1	0	1	115
T4FT	6005			1	0	2	115	6254	1	0	2	119	6254	1	0	2	119	6221	1	0	2	119	6527	1	0	2	125
T5	5782			2	0	2	110	6285	3	0	3	120	6285	3	0	3	120	6251	2	0	2	119	6559	3	0	3	125
T5LG	5801			2	0	2	111	6053	2	0	2	116	6053	2	0	2	116	6010	2	0	2	115	6305	2	0	2	120
T5W	5065			2	0	2	97	5505	2	0	2	105	5505	2	0	2	105	5476	2	0	2	105	5745	2	0	2	110
T5WW	4913			2	0	2	94	5340	2	0	2	102	5340	2	0	2	102	5312	2	0	2	101	5573	2	0	2	106
FW	5725																										

C-BOW-1 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
16LD	350 mA (16.4W)	T1	1982	1	0	1	121	2068	1	0	1	126	2068	1	0	1	126	2054	1	0	1	125	2154	1	0	1	131
		T2	2066	1	0	1	126	2246	1	0	1	137	2246	1	0	1	137	2234	1	0	1	136	2344	1	0	1	143
		T3R	2045	1	0	1	124	2223	1	0	1	135	2223	1	0	1	135	2211	1	0	1	135	2320	1	0	1	141
		T3	2038	0	0	1	124	2215	0	0	1	135	2215	0	0	1	135	2203	0	0	1	134	2312	0	0	1	141
		T3W	2072	0	0	1	126	2252	1	0	1	137	2252	1	0	1	137	2240	1	0	1	136	2350	1	0	1	143
		T3LG	1993	1	0	1	121	2079	1	0	1	127	2079	1	0	1	127	2064	1	0	1	126	2166	1	0	1	132
		T4	2022	1	0	1	123	2198	1	0	1	134	2198	1	0	1	134	2186	1	0	1	133	2294	1	0	1	140
		T4A	2191	1	0	0	133	2382	1	0	1	145	2382	1	0	1	145	2369	1	0	0	144	2485	1	0	1	151
		T4LG	1991	1	0	1	121	2077	1	0	1	126	2077	1	0	1	126	2062	1	0	1	125	2164	1	0	1	132
		T4FT	2163	1	0	1	132	2253	1	0	1	137	2253	1	0	1	137	2241	1	0	1	136	2351	1	0	1	143
		T5	2083	1	0	1	127	2264	1	0	1	138	2264	1	0	1	138	2252	1	0	1	137	2363	1	0	1	144
		T5LG	2090	1	0	1	127	2180	1	0	1	133	2180	1	0	1	133	2165	1	0	1	132	2271	1	0	1	138
		T5W	1824	1	0	1	111	1983	1	0	1	121	1983	1	0	1	121	1972	1	0	1	120	2069	1	0	1	126
		T5WW	1770	1	0	1	108	1924	1	0	1	117	1924	1	0	1	117	1913	1	0	1	116	2007	1	0	1	122
		FW	2060	1	0	1	125	2240	1	0	1	136	2240	1	0	1	136	2228	1	0	1	136	2337	1	0	1	142
		16LD	530 mA (25.3W)	T1	3001	2	0	2	118	3131	2	0	2	124	3131	2	0	2	124	3109	2	0	2	123	3261	2	0
T2	3128			1	0	1	123	3400	1	0	1	134	3400	1	0	1	134	3381	1	0	1	133	3548	1	0	1	140
T3R	3096			1	0	1	122	3365	1	0	1	133	3365	1	0	1	133	3347	1	0	1	132	3511	1	0	1	139
T3	3085			1	0	1	122	3353	1	0	1	132	3353	1	0	1	132	3336	1	0	1	132	3500	1	0	1	138
T3W	3136			1	0	1	124	3409	1	0	1	134	3409	1	0	1	134	3391	1	0	1	134	3557	1	0	1	140
T3LG	3017			1	0	1	119	3148	1	0	1	124	3148	1	0	1	124	3125	1	0	1	123	3279	1	0	1	129
T4	3061			1	0	1	121	3327	1	0	1	131	3327	1	0	1	131	3310	1	0	1	131	3472	1	0	1	137
T4A	3317			1	0	1	131	3605	1	0	1	142	3605	1	0	1	142	3586	1	0	1	142	3763	1	0	1	148
T4LG	3013			1	0	1	119	3144	1	0	1	124	3144	1	0	1	124	3122	1	0	1	123	3275	1	0	1	129
T4FT	3274			1	0	1	129	3411	1	0	1	135	3411	1	0	1	135	3392	1	0	1	134	3559	1	0	1	140
T5	3153			2	0	2	124	3427	2	0	2	135	3427	2	0	2	135	3409	2	0	2	135	3577	2	0	2	141
T5LG	3163			1	0	1	125	3301	1	0	1	130	3301	1	0	1	130	3277	1	0	1	129	3438	1	0	1	136
T5W	2762			1	0	1	109	3002	1	0	1	118	3002	1	0	1	118	2986	1	0	1	118	3133	1	0	1	124
T5WW	2679			1	0	1	106	2912	1	0	1	115	2912	1	0	1	115	2897	1	0	1	114	3039	1	0	1	120
FW	3119			1	0	1	123	3390	1	0	1	134	3390	1	0	1	134	3372	1	0	1	133	3538	1	0	1	140
16LD	700 mA (34.0W)			T1	3888	2	0	2	114	4057	2	0	2	119	4057	2	0	2	119	4028	2	0	2	119	4226	2	0
		T2	4052	1	0	2	119	4405	1	0	2	130	4405	1	0	2	130	4381	1	0	2	129	4597	1	0	2	135
		T3R	4011	1	0	1	118	4360	1	0	1	128	4360	1	0	1	128	4337	1	0	1	128	4550	1	0	1	134
		T3	3997	1	0	1	118	4345	1	0	1	128	4345	1	0	1	128	4322	1	0	1	127	4534	1	0	1	133
		T3W	4063	1	0	1	120	4417	1	0	1	130	4417	1	0	1	130	4393	1	0	1	129	4609	1	0	1	136
		T3LG	3908	1	0	1	115	4078	1	0	1	120	4078	1	0	1	120	4049	1	0	1	119	4248	1	0	1	125
		T4	3966	1	0	1	117	4311	1	0	1	127	4311	1	0	1	127	4288	1	0	1	126	4499	1	0	1	132
		T4A	4298	1	0	1	127	4671	1	0	1	138	4671	1	0	1	138	4647	1	0	1	137	4875	1	0	1	144
		T4LG	3904	1	0	1	115	4074	1	0	1	120	4074	1	0	1	120	4045	1	0	1	119	4244	1	0	1	125
		T4FT	4243	1	0	2	125	4419	1	0	2	130	4419	1	0	2	130	4395	1	0	2	129	4612	1	0	2	136
		T5	4085	2	0	2	120	4441	2	0	2	131	4441	2	0	2	131	4417	2	0	2	130	4634	2	0	2	136
		T5LG	4099	2	0	2	121	4277	2	0	2	126	4277	2	0	2	126	4246	2	0	2	125	4455	2	0	2	131
		T5W	3578	2	0	2	105	3890	2	0	2	114	3890	2	0	2	114	3869	2	0	2	114	4059	2	0	2	119
		T5WW	3471	2	0	2	102	3773	2	0	2	111	3773	2	0	2	111	3753	2	0	2	110	3938	2	0	2	116
		FW	4041	2	0	1	119	4393	2	0	1	129	4393	2	0	1	129	4369	2	0	1	129	4584	2	0	1	135
		16LD	1050 mA (52.4W)	T1	5502	3	0	3	105	5742	3	0	3	110	5742	3	0	3	110	5701	3	0	3	109	5981	3	0
T2	5735			2	0	2	109	6234	2	0	2	119	6234	2	0	2	119	6201	2	0	2	118	6506	2	0	2	124
T3R	5677			1	0	2	108	6170	1	0	2	118	6170	1	0	2	118	6138	1	0	2	117	6439	1	0	2	123
T3	5658			1	0	1	108	6150	1	0	1	117	6150	1	0	1	117	6117	1	0	1	117	6418	1	0	1	122
T3W	5751			1	0	1	110	6251	1	0	2	119	6251	1	0	2	119	6218	1	0	2	119	6523	1	0	2	125
T3LG	5532			1	0	1	106	5772	1	0	1	110	5772	1	0	1	110	5731	1	0	1	109	6013	1	0	1	115
T4	5614			1	0	2	107	6102	1	0	2	116	6102	1	0	2	116	6069	1	0	2	116	6366	1	0	2	122
T4A	6083			1	0	1	116	6612	1	0	1	126	6612	1	0	1	126	6576	1	0	1	126	6900	1	0	1	132
T4LG	5526			1	0	1	105	5766	1	0	1	110	5766	1	0	1	110	5725	1	0	1	109	6006	1	0	1	115
T4FT	6005			1	0	2	115	6254	1	0	2	119	6254	1	0	2	119	6221	1	0	2	119	6527	1	0	2	125
T5	5782			2	0	2	110	6285	3	0	3	120	6285	3	0	3	120	6251	2	0	2	119	6559	3	0	3	125
T5LG	5801			2	0	2	111	6053	2	0	2	116	6053	2	0	2	116	6010	2	0	2	115	6305	2	0	2	120
T5W	5065			2	0	2	97	5505	2	0	2	105	5505	2	0	2	105	5476	2	0	2	105	5745	2	0	2	110
T5WW	4913			2	0	2	94	5340	2	0	2	102	5340	2	0	2	102	5312	2	0	2	101	5573	2	0	2	106
FW	5720			2	0	1	109	6217	2	0	1	119	6217	2	0	1	119	6184	2	0	1	118	6488	2	0		