

Project		Catalog #		Type	
Prepared by		Notes		Date	



McGRAW-EDISON

TPT TopTier Post Top Nano

Pedestrian Post Top Luminaire

Product Features



Product Certifications



Interactive Menu

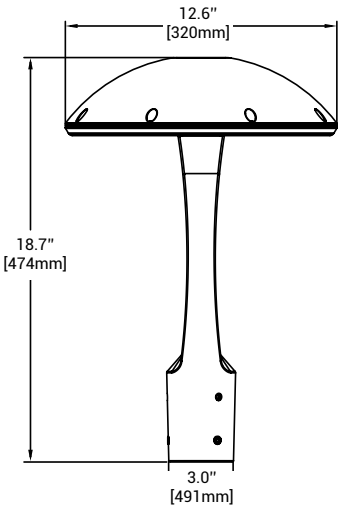
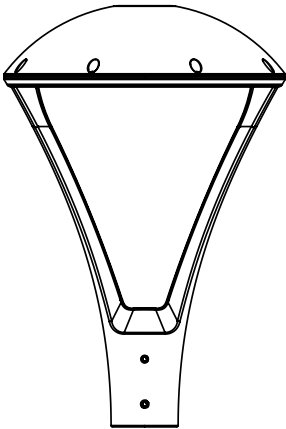
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Quick Facts

- Available with Wavestream[™] and discrete LED sources
- Lumen packages range from 700 - 9600
- Efficacies up to 141 lumens per watt
- Matches 3" round poles and mounts to 2-3/8" tenons
- QuickSpec options available

Dimensional Details

Fixture Weight: 10.8 lbs (4.9 kg)
EPA: 0.24 sq. ft.
Front and side view



Ordering Information

SAMPLE NUMBER: TPT-N-VA3-830-U-WQ-GM

Color Key: Blue bar denotes available with 10-Day Quick Spec

Product Family	Size	Light Engine	CRI/CCT		Voltage	Distribution		Finish
TPT =TopTier Post Top Luminaire QS-TPT =TopTier Post Top Quick Spec BAA-TPT =TopTier Post Top Buy American Act TAA-TPT =TopTier Post Top Trade Agreements Act Compliant BABAF-TPT =TopTier Post Top, Build America Buy America Compliant ¹	N =Nano	VA0 =Waveguide, Output Level 0 ² VA1 =Waveguide, Output Level 1 VA2 =Waveguide, Output Level 2 VA3 =Waveguide, Output Level 3 SB1A =1 Light Square, Output Level A SB1B =1 Light Square, Output Level B SB1C =1 Light Square, Output Level C SB1D =1 Light Square, Output Level D	VA 735 =70CRI, 3500K 740 =70CRI, 4000K 750 =70CRI, 5000K 830 =80CRI, 3000K	SB 722 =70CRI, 2200K 727 =70CRI, 2700K 730 =70CRI, 3000K 735 =70CRI, 3500K 740 =70CRI, 4000K 750 =70CRI, 5000K 760 =70CRI, 6000K 827 =80CRI, 2700K 830 =80CRI, 3000K 835 =80CRI, 3500K 840 =80CRI, 4000K 930 =90CRI, 3000K 935 =90CRI, 3500K 940 =90CRI, 4000K 950 =90CRI, 5000K AMB =Amber 590nm ³	U =120-277V H =347-480V 8 =480V 9 =347V	Visual Comfort (VA) Optics CQ =Concentrated MQ =Medium WQ =Wide RW =Rectangular Wide DL =Drive Lane / T4	Discrete (SB) Optics T1 =Type I T2 =Type II T2R =Type II Roadway T3 =Type III T3R =Type III Roadway T4FT =Type IV Forward Throw T4W =Type IV Wide 5NQ =Type V Narrow 5MQ =Type V Square Medium 5WQ =Type V Square Wide SL2 =Type II w/Spill Control SL3 =Type III w/Spill Control SL4 =Type IV w/Spill Control SLL =90° Spill Light Eliminator Left SLR =90° Spill Light Eliminator Right RW =Rectangular Wide Type I T2BC =Type II w/Backlight Control T3BC =Type III w/Backlight Control T4BC =Type IV w/Backlight Control	Painted Finishes AP =Grey BK =Black BZ =Bronze DP =Dark Platinum GM =Graphite Metallic GN =Hartford Green WH =White RALXX =Custom Paint
Options			Controls and Systems Options			Accessories		
10MSP =Parallel 10kV MOV Surge Protection Device 20K =20kV UL 1449 Fused Surge Protective Device 20MSP =Parallel 20kV MOV Surge Protection Device AHD145 =After Hours Dim, 5 Hours ^{5,11} AHD245 =After Hours Dim, 6 Hours ^{5,11} AHD255 =After Hours Dim, 7 Hours ^{5,11} AHD355 =After Hours Dim, 8 Hours ^{5,11} CC =Coastal Construction CG =Clear Glass ^{6,7} DALI =DALI Driver ⁸ HSS =House Side Shield for SB Square ⁹ SG =Solite Glass ^{6,10}			BPC =Button Type Photocontrol ¹¹ DIM10 =Airmesh With Low Profile Antenna ^{14,15} PR =NEMA 3-PIN Photocontrol Receptacle PR7 =NEMA 7-PIN Photocontrol Receptacle PSC =Photocontrol Shorting Cap ⁴			ARPA4-XX =Pole Adapter 4" O.D. Pole, fits 3" Diameter Tenon LS/HSS-SB =Field Installed House Side Shield for SB Light Squares ⁹ LS/PFS =Perimeter Shield, Black ¹² OA/RA1016 =NEMA Photocontrol Multi-Tap - 105-285V ⁴ OA/RA1027 =NEMA Photocontrol - 480V ⁴ OA/RA1201 =NEMA Photocontrol - 347V ⁴ OA/RA1013 =Photocontrol Shorting Cap ⁴ OA/RA1014 =120V Photocontrol ⁴ TL7-G1-HV =AirMesh 7-PIN node, 110-480V ^{13,14,15} WOLC-7P-10A =WaveLinux Outdoor Control Module ^{13,14,16}		

- NOTES:**
- Only product configurations with these prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or the Build America Buy America Act (BABA). BABA is the minimum Government compliance requirement for the Build America Buy America standards which is part of the Infrastructure and Investment Jobs Act (IIJA). Individual Government Agencies may have more stringent compliance standards. BABAF designates the product will meet the standards set for FHWA and FTA. As noted these projects must receive Government Funding by October 1, 2026. Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements.
 - VA0 lumen package not available with H voltage, Wavelinx, or DALI Driver options.
 - Narrow-band 590nm +/- 5nm for wildlife and observatory use. Only available with lumen package SB1A and SB optics.
 - PR or PR7 required.
 - Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory.
 - Only compatible with VA light engine models.
 - Not available with CQ.
 - Not available with VA0 or H configurations. Not compatible with AHDXXX or BPC options.
 - Only compatible with SB light engine models. Not for use with T1, 5NQ, 5MQ, 5WQ, RW, T2BC, T3BC, and T4BC optics.
 - Standard with CQ, option available with WQ only.
 - Not available with voltage options H, 8 or 9.
 - Set of 4 pcs. Only compatible with SB light engine models. Not for use with T2BC, T3BC, or T4BC optics.
 - Requires PR7.
 - Cannot be used with other controls options.
 - Requires AirMesh central base station CBSSW-450-002 and Synapse commissioning for operation.
 - WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed. WAC not required for LC Bluetooth sensors.

Product Specifications

Construction

- Low profile, die-cast aluminum housing provides a clean, symmetric aesthetic
- Single-piece cast aluminum arms and fitter seamlessly conceal wireways
- Models with SB light engine are IK10 rated
- IP66 rated

Optics

- Visual comfort Wavestream^(TM) available in four lumen packages from 700 to 6000 lumens
- High-efficiency injection-molded AccuLED discrete options are available in four lumen packages from 2900 to 9600
- Choose Backlight Control (BC) optics for eliminating backlighting where required to meet code
- Dark sky friendly options include 3000K CCT and warmer
- HSS and PFS shielding available with the SB Light Engine

Electrical

- Minimum operating temperature is -40°C. Maximum temp is 40°C for SB models and 50°C for VA models.
- Greater than 90% lumen maintenance at 50,000 hours

- Input power and dimming leads extend 8" outside the fixture
- Dimming leads not brought out when integral controls options are selected
- 120-277V 50/60Hz, 347V 60Hz or 480V 60Hz operation
- 10kV surge module standard
- 0-10V dimming standard

Mounting

- Fixture profile is designed to match a 3" outer diameter pole top
- Slip-fits onto a 2-3/8" O.D. tenon and secures with 6 concealed set screws
- Utilize the ARPA4-XX pole mount adapter accessory to fit 3" O.D. x 4" tall tenons and 4" O.D. poles
- Additional [pole mounting accessories](#) available

Finish

- 2.5 mil nominal TGIC powder coat thickness
- 7 standard finishes available
- RAL and custom color matches available. Additional charges and lead time apply

Warranty

- Five-year limited warranty, consult website for details. www.cooperlighting.com/legal

Compliance

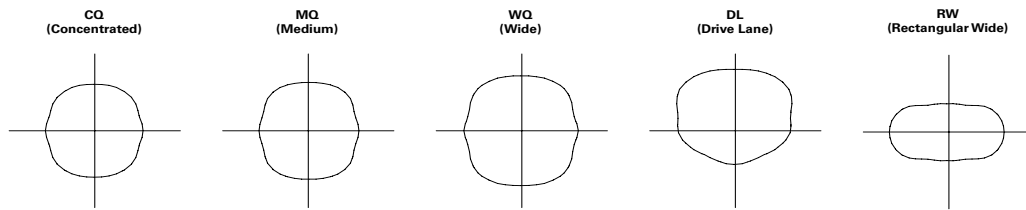
- BAA / TAA options available, please consult your Cooper Lighting Solutions representative for further details
- FHWA and FTA agencies are utilizing their BAA rules for BABA compliance. Cooper's products with a BAA designation are manufactured in the US and utilize a BAA COTS exemption rule for compliance. To verify a configured product with specific accessories and options meet BABA Domestic Preference Requirements; submit this catalog number to Cooper Lighting Quotation team for validation by our Engineering and Manufacturing teams
- Please refer to the [DOMESTIC PREFERENCES](#) website or consult the CLS Domestic Preferences team for more information. Components shipped separately may be separately analyzed under domestic preference requirements

Shipping Data:

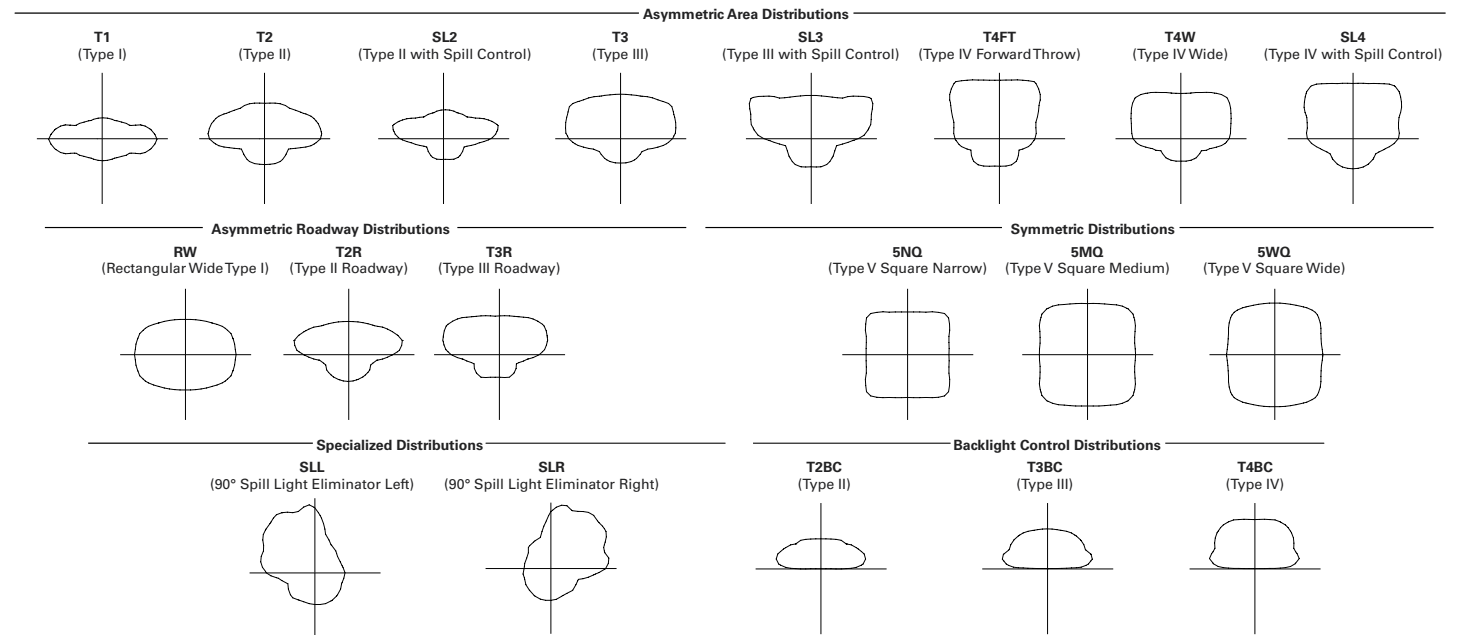
- Package Dimensions: 13.6" x 15.7" x 21.7" (34.5 cm x 40 cm x 55 cm)
- Approximate Weight: 14 lbs. (6.4 kg)
- Pallet Quantity: 18
- Maximum QuickSpec quantity per order is 30 fixtures

Optical Distributions

Wavestream Visual Comfort (VA)

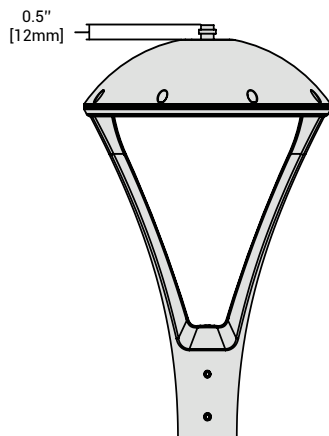


Discrete Light Square (SB)

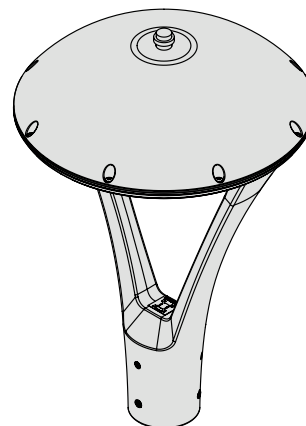


Technical Details

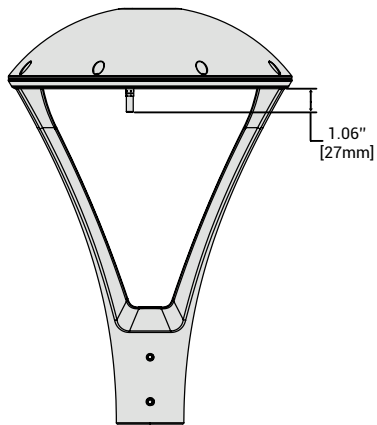
Front View with BPC



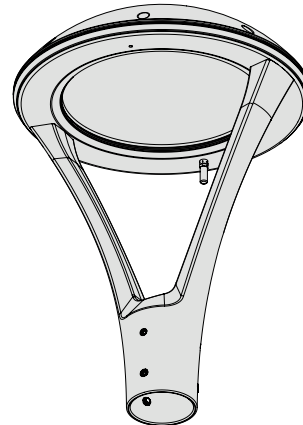
Perspective View with BPC



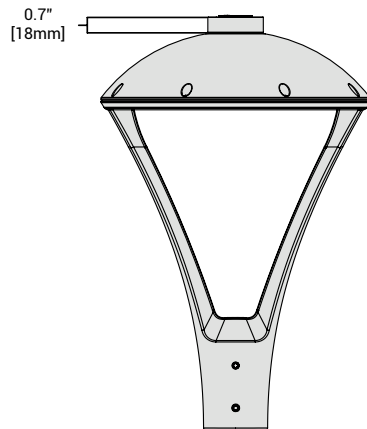
Front View with DIM10



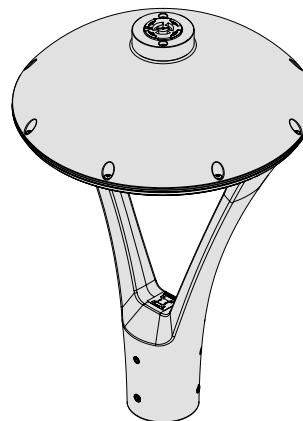
Perspective View with DIM10



Front View with PR7

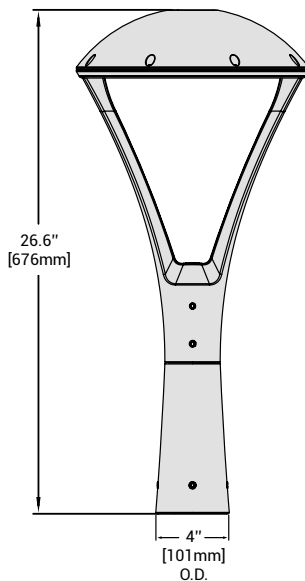


Perspective View with PR7

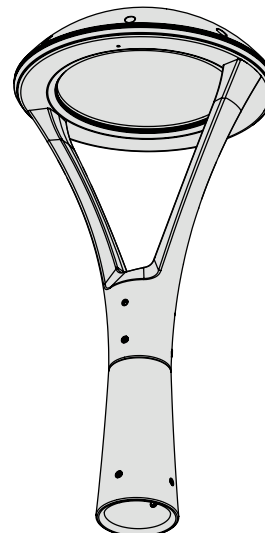


Accessories

Front View with TPT-N on ARPA4
Weight: 15 lbs. (6.8 kgs.)
EPA: .34



Perspective View with TPT-N on ARPA4



Suggested Pole Ordering Information

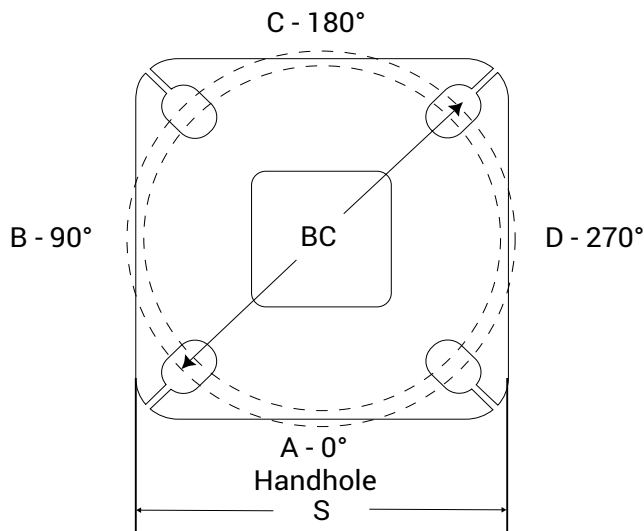
[View Full RSS Spec Sheet](#)

Domestic Preference	Product Family	Mounting Height	Shaft Size-Wall Thickness	Installation Type
Blank =None BABA =Build America, Buy America funding ¹ BAA =Buy America compliant ¹	RSS =Round Straight Steel	5 =5' 8 =8' 10 =10' 12 =12' 14 =14' 15 =15'	3-11 =3", 11ga(.120")	AB =Anchor Base Installation
Mounting Types	Pre-Finish	Finish	Options (Add as Suffix)	
T23N =2-3/8" OD x 4" long tenon, no tenon plate	[blank] =none GV =Galvanized	[Blank] = none ² APT =Grey, Textured BT =Black, Textured BZT =Bronze, Textured DP =Dark Platinum GM =Graphite Metallic GN =Hartford Green WHT =White, Textured XX =Custom color ³ RALxxxx =RAL####, smooth or textured ³	CO/[ABCD][z] =Convenience Outlet less electrical ^{4,5} ECO/[ABCD][z] =Convenience Outlet with 20A GFCI plug 125V AC and in-use electrical cover (in hardware kit) ^{4,5} EHH/[ABCD][z] =Extra Handhole with grounding provision ⁴ VDF =Vibration Dampener - Factory Installed for 2nd mode vibration INT =Interior coating (8 feet from base inside pole; 3 mils of epoxy or "tar") TR =Tamper Resistant handhole cover(s) CMB-A/[ABCD][z] =Camera Mounting Bracket "A" with 1/2" hole ⁴ UL =UL listed with label (includes NEC) CSA =CSA listed with label DP1 =DuraPro Level 1 extended corrosion resistance premium finish DP3 =DuraPro Level 3 extended corrosion resistance premium pre-treatment & finish ⁶ L/AB =Less Anchor Bolts and template EAB =Anchor Bolts and Template Shipped Early	

NOTES:

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- Available only with galvanized pre-finish.
- Requires approval. Additional lead times may apply.
- Specify quadrant A, B, C, or D using mounting details, pg. 3. Specify height [z] in inches (Min = 24" above base. Max = 6" below pole mounting height). Consult factory for exceptions.
- When location not specified by "[ABCD][z]", the default location will be A48 (same side as handhole, 4-feet from base).
- Requires galvanized prefinish (Option GV) and a powder coat finish to be selected. Ideal for coastal construction.

Pole Mounting Plate Details

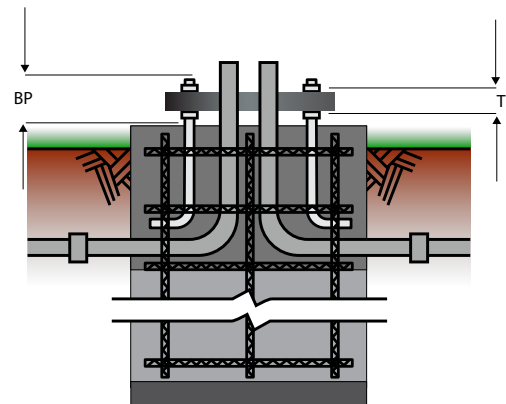


A/B/C/D denote pole quadrants. Handhole always at 'A' or 0°

Shaft size & gauge	Base Size		Anchor Bolt Details ¹		
	Square Size (S)	Thickness (T)	Bolt Circle (BC)	Bolt Size	Bolt Projection (BP)
3-11	8	0.75	8.5	.75 x 17x 3	3.0 - 3.5

NOTES: Dimensions in inches

- Anchor Bolts and template included.



Energy and Performance Data

 View TopTier IES files

VA Distributions Power and Lumens (3000K/4000K)

Lumen Package			VA0	VA1	VA2	VA3
Nominal Power (Wattage)			9	26.9	42.4	59.2
Distribution						
3000K CCT 80 CRI	CQ Concentrated	Lumens	784	2305	3672	5050
		Lumens per Watt	90	86	87	84
		BUG Rating	B1-U0-G0	B1-U0-G1	B2-U0-G1	B2-U0-G1
	MQ Medium	Lumens	821	2413	3846	5288
		Lumens per Watt	94	90	91	88
		BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G1	B2-U0-G2
	WQ Wide	Lumens	845	2486	3960	5446
		Lumens per Watt	97	93	94	91
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
	RW Rectangular Wide	Lumens	718	2112	3366	4628
		Lumens per Watt	83	79	80	77
		BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G1	B2-U0-G2
	DL Drive Lane / Type 4	Lumens	720	2117	3373	4638
		Lumens per Watt	83	79	80	77
		BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
4000K CCT 70 CRI	CQ Concentrated	Lumens	875	2572	4099	5636
		Lumens per Watt	101	96	97	94
		BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G1	B2-U0-G1
	MQ Medium	Lumens	916	2694	4292	5902
		Lumens per Watt	105	101	102	98
		BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B3-U0-G2
	WQ Wide	Lumens	943	2774	4420	6079
		Lumens per Watt	108	104	105	101
		BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3
	RW Rectangular Wide	Lumens	802	2357	3756	5166
		Lumens per Watt	92	88	89	86
		BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G1	B3-U0-G2
	DL Drive Lane / Type 4	Lumens	803	2363	3764	5177
		Lumens per Watt	92	88	89	86
		BUG Rating	B0-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2

SB Distributions Power and Lumens (3000K/4000K)

Lumen Package			SB1A	SB1B	SB1C	SB1D
Power (Wattage)			31	40	54	80
Distribution						
3000K CCT 70 CRI	T1	Lumens	3527	4414	5834	7902
		Lumens per Watt	114	116	112	105
		BUG Rating	B2-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3
	T2	Lumens	3674	4598	6077	8231
		Lumens per Watt	119	121	117	110
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2
	T2R	Lumens	3761	4707	6221	8426
		Lumens per Watt	121	124	120	112
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T3	Lumens	3809	4767	6300	8534
		Lumens per Watt	123	125	121	114
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
	T3R	Lumens	3844	4811	6358	8613
		Lumens per Watt	124	127	122	115
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T4FT	Lumens	3868	4841	6398	8667
		Lumens per Watt	125	127	123	116
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B1-U0-G2
	T4W	Lumens	3824	4786	6326	8569
		Lumens per Watt	123	126	122	114
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
	5NQ	Lumens	4030	5044	6667	9030
		Lumens per Watt	130	133	128	120
		BUG Rating	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
	5MQ	Lumens	4058	5079	6713	9093
		Lumens per Watt	131	134	129	121
		BUG Rating	B2-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
	5WQ	Lumens	3967	4965	6562	8889
		Lumens per Watt	128	131	126	119
		BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4
	SL2	Lumens	3634	4548	6011	8142
		Lumens per Watt	117	120	116	109
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	SL3	Lumens	3626	4538	5998	8124
		Lumens per Watt	117	119	115	108
		BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B1-U0-G3
	SL4	Lumens	3908	4891	6464	8756
		Lumens per Watt	126	129	124	117
		BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G2	B2-U0-G3
	SLR	Lumens	3765	4712	6227	8435
		Lumens per Watt	121	124	120	112
		BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3
	SLL	Lumens	3824	4786	6326	8569
		Lumens per Watt	123	126	122	114
		BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3

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SB Distributions Power and Lumens (3000K/4000K)

Lumen Package			SB1A	SB1B	SB1C	SB1D
Power (Wattage)			31	40	54	80
Distribution						
3000K CCT 70 CRI	RW	Lumens	3880	4856	6417	8693
		Lumens per Watt	125	128	123	116
		BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1
4000K CCT 70 CRI	T1	Lumens	3732	4671	6173	8362
		Lumens per Watt	120	123	119	111
		BUG Rating	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
	T2	Lumens	3888	4866	6430	8710
		Lumens per Watt	125	128	124	116
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
	T2R	Lumens	3980	4981	6583	8917
		Lumens per Watt	128	131	127	119
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T3	Lumens	4030	5044	6667	9030
		Lumens per Watt	130	133	128	120
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
	T3R	Lumens	4068	5091	6728	9114
		Lumens per Watt	131	134	129	122
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B1-U0-G2
	T4FT	Lumens	4093	5123	6771	9171
		Lumens per Watt	132	135	130	122
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
	T4W	Lumens	4047	5065	6694	9067
		Lumens per Watt	131	133	129	121
		BUG Rating	B1-U0-G1	B1-U0-G2	B1-U0-G2	B2-U0-G2
	5NQ	Lumens	4265	5338	7055	9556
		Lumens per Watt	138	140	136	127
		BUG Rating	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3
	5MQ	Lumens	4294	5375	7103	9622
		Lumens per Watt	139	141	137	128
		BUG Rating	B3-U0-G1	B3-U0-G1	B3-U0-G1	B3-U0-G2
	5WQ	Lumens	4198	5254	6944	9406
		Lumens per Watt	135	138	134	125
		BUG Rating	B3-U0-G3	B3-U0-G3	B3-U0-G3	B4-U0-G4
	SL2	Lumens	3845	4812	6360	8615
		Lumens per Watt	124	127	122	115
		BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G2	B2-U0-G2
	SL3	Lumens	3837	4802	6347	8597
		Lumens per Watt	124	126	122	115
		BUG Rating	B1-U0-G2	B1-U0-G3	B1-U0-G3	B1-U0-G3
	SL4	Lumens	4135	5175	6840	9265
		Lumens per Watt	133	136	132	124
		BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G2	B2-U0-G3

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SB Distributions Power and Lumens (3000K/4000K)

Lumen Package			SB1A	SB1B	SB1C	SB1D
Power (Wattage)			31	40	54	80
Distribution						
4000K CCT 70 CRI	SLR	Lumens	3984	4986	6590	8926
		Lumens per Watt	129	131	127	119
		BUG Rating	B1-U0-G2	B1-U0-G3	B1-U0-G3	B2-U0-G3
	SLL	Lumens	4047	5065	6694	9068
		Lumens per Watt	131	133	129	121
		BUG Rating	B1-U0-G2	B1-U0-G2	B1-U0-G3	B2-U0-G3
	RW	Lumens	4105	5138	6791	9199
		Lumens per Watt	132	135	131	123
		BUG Rating	B2-U0-G1	B2-U0-G1	B3-U0-G1	B3-U0-G1

BC Distributions Power and Lumens 4000K

Lumen Package			SB1A	SB1B	SB1C	SB1D
Power (Wattage)			29	39	50	56
Distribution						
4000K CCT 70 CRI	T2BC	Lumens	2920	3645	4428	4909
		Lumens per Watt	99	95	90	87
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G1	B0-U0-G1
	T3BC	Lumens	3060	3820	4640	5144
		Lumens per Watt	104	100	94	92
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G2	B0-U0-G2
	T4BC	Lumens	2821	3521	4277	4742
		Lumens per Watt	96	92	87	84
		BUG Rating	B0-U0-G1	B0-U0-G1	B0-U0-G2	B0-U0-G2

Energy and Performance Data

Input Power - VA Light Engine

Lumen Package	VA0	VA1	VA2	VA3
Power (Wattage)	9	26.9	42.4	59.2
Input Current @ 120V (A)	0.07	0.23	0.36	0.50
Input Current @ 208V (A)	0.04	0.13	0.21	0.29
Input Current @ 240V (A)	0.04	0.12	0.18	0.25
Input Current @ 277V (A)	0.04	0.10	0.16	0.22
Input Current @ 347V (A)	NA	0.08	0.12	0.17
Input Current @ 480V (A)	NA	0.06	0.09	0.12

Input Power - SB Light Engine

Lumen Package	All Except BC Optics				T2BC, T3BC, and T4BC			
	SB1A	SB1B	SB1C	SB1D	SB1A	SB1B	SB1C	SB1D
Power (Wattage)	31	40	54	80	29	39	50	56
Input Current @ 120V (A)	0.263	0.330	0.437	0.638	0.247	0.320	0.427	0.470
Input Current @ 208V (A)	0.154	0.192	0.254	0.367	0.144	0.185	0.248	0.269
Input Current @ 240V (A)	0.136	0.169	0.223	0.320	0.126	0.161	0.218	0.233
Input Current @ 277V (A)	0.122	0.150	0.197	0.280	0.111	0.141	0.192	0.202
Input Current @ 347V (A)	NA	0.112	0.150	0.219	0.087	0.111	0.144	0.161
Input Current @ 480V (A)	NA	0.086	0.111	0.160	0.066	0.083	0.108	0.117

Lumen Maintenance

Lumen Package	Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 hours**
VA0-VA3	25°C	97.6%	94.3%	93.0%	88.1%	270,000
	40°C	96.7%	92.4%	90.8%	84.4%	200,000
	50°C	96.4%	91.8%	90.0%	83.3%	185,000
SB1A - SB1C	25°C	99.4%	99.0%	98.9%	98.3%	>2.4M
	40°C	98.7%	98.3%	98.1%	97.4%	>1.9M
SB1D	25°C	99.4%	99.0%	98.9%	98.3%	>2.4M
	40°C	98.5%	97.9%	97.7%	96.7%	>1.3M

* Supported by IES TM-21 standards

**Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, explaining proper use of IES TM-21 and LM-80.

Lumen Multiplier

Ambient Temperature	Multiplier VA Models	Multiplier SB Models
0°C	1.03	1.02
10°C	1.02	1.01
25°C	1.00	1.00
40°C	0.98	0.99
50°C	0.94	NA

Drive Currents

SB Output Level	All Optics Except BC	BC Optics
A	350mA	615mA
B	450mA	800mA
C	615mA	1050mA
D	900mA	1200mA

Control Options

0-10V (D) 0-10V dimming comes standard on all TopTier configurations for use with integrated or external lighting controls.

Photocontrol (BPC, PR and PR7)

Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

AirMesh (DIM10)

AirMesh integrated wireless controls system includes factory installed DIM10 Synapse control module., requires additional AirMesh components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty, and terms and conditions.

After Hours Dim (AHD)

This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Profile	Time Dimmed to 50%	Estimated Annualized Energy Savings
AHD145	5 hours	22%
AHD245	6 hours	26%
AHD255	7 hours	30%
AHD355	8 hours	35%

