

TOTEM High Mast Power-Adjustable Area Light



TM-600 / TM-900



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available in 2 sizes and adjustable wattages
TM-600: 600/540/480/420/360/300/240/150W (Default 600W)
TM-900: 900/810/720/630/540/450/360/225W (Default 900W)
- Static CCT: **4000K** and **5000K**
- Light distribution: Type i, II, III, IV & V. Optical distribution rotatable by turning the
- LED housing flange 165° left & right.
- Fixture tilt 0° - 5° with 1, tilt increment
- Standard 7-Pin receptacle with shunting cap. 3-pin twistlock photocells and Lightcloud blue twistlock photocell sold separately.
- Available in **adjustable pole mount**. Fixture fit 1 5/8" to 2 3/8" pipe arm. Pole height 50ft - 130 ft
- House side shields accessory available
- IP66 and 3G rated**
- Suitable for **wet** locations
- 5-Year, limited warranty

Area Light w/Selectable Wattage, CCT, and Photocell



100,000 HOURS



0-10V



IP RATING



WET RATED



POWER ADJUSTABLE



VIBRATION



ADJUSTABLE ANGLE

PERFORMANCE

TM600, TYPE I	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	604.3W	549.3W	490.3W	424.1W	362.6W	305.1W	233.3W	158.5W
Lumens	91,745	84,916	77,802	69,263	60,928	52,437	40,998	27,833
Efficacy	151.8	154.6	158.7	163.3	168.0	171.9	175.7	175.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM600, TYPE II	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	604.2W	550.3W	490.9W	420.1W	362.8W	305.8W	233.5W	158.7W
Lumens	90,296	83,887	76,743	67,849	60,036	51,842	40,442	27,513
Efficacy	149.4	152.4	156.3	161.5	165.5	169.5	173.2	173.4
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM600, TYPE III	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	603.9W	547.7W	488.9W	425.3W	362.6W	304.0W	231.0W	157.9W
Lumens	89,292	82,490	75,519	67,652	59,322	50,940	39,608	27,082
Efficacy	147.9	150.6	154.5	159.1	163.6	167.6	171.5	171.5
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							

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PERFORMANCE

TM600, TYPE IV		5000K						
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	604.3W	549.8W	490.1W	423.8W	362.6W	305.8W	233.3W	158.7W
Lumens	85,652	79,415	72,754	64,321	56,939	49,177	38,359	26,149
Efficacy	141.7	144.4	148.4	151.8	157.0	160.8	164.4	164.8
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM600, TYPE V		5000K						
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	603.9W	550.9W	490.9W	420.9W	362.9W	306.0W	233.6W	158.9W
Lumens	86,674	80,766	73,733	65,345	57,771	49,888	39,036	26,552
Efficacy	143.5	146.6	150.2	155.3	159.2	163.0	167.1	167.1
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM600N, TYPE I		4000K						
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	601.6W	546.8W	488.1W	422.2W	361.0W	303.7W	232.3W	157.8W
Lumens	91,844	85,007	77,886	69,338	60,994	52,493	41,042	27,863
Efficacy	152.7	155.5	159.6	164.2	169.0	172.8	176.7	176.6
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	120-277V							
TM600N, TYPE II		4000K						
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	601.6W	547.9W	488.8W	418.3W	361.2W	304.5W	232.5W	158.0W
Lumens	89,580	83,222	76,134	67,311	59,560	51,431	40,121	27,295
Efficacy	148.9	151.9	155.8	160.9	164.9	168.9	172.6	172.8
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	120-277V							
TM600N, TYPE III		4000K						
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	601.5W	545.5W	487.0W	423.6W	361.2W	302.8W	230.1W	157.3W
Lumens	89,215	82,419	75,454	67,594	59,271	50,896	39,574	27,059
Efficacy	148.3	151.1	154.9	159.6	164.1	168.1	172.0	172.0
CRI	73	74	74	74	74	74	74	74
Voltage Ratings	120-277V							
TM600N, TYPE IV		4000K						
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	601.6W	547.3W	487.9W	421.9W	361.0W	304.4W	232.3W	158.0W
Lumens	85,491	79,266	72,618	64,200	56,832	49,085	38,287	26,100
Efficacy	142.1	144.8	148.8	152.2	157.4	161.3	164.8	165.2
CRI	73	73	73	73	73	73	74	74
Voltage Ratings	120-277V							

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PERFORMANCE

TM600N, TYPE V	4000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	600.9W	548.2W	488.5W	418.8W	361.1W	304.5W	232.4W	158.1W
Lumens	86,073	80,206	73,221	64,892	57,370	49,542	38,765	26,368
Efficacy	143.2	146.3	149.9	154.9	158.9	162.7	166.8	166.8
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	120-277V							

TM900, TYPE I	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	891.1W	818.2W	726.6W	630.4W	536.1W	454.4W	365.5W	234.2W
Lumens	132,068	123,648	113,305	101,335	88,727	77,024	63,545	41,743
Efficacy	148.2	151.1	155.9	160.7	165.5	169.5	173.9	178.2
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							

TM900, TYPE II	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	891.3W	818.7W	727.7W	631.0W	536.4W	454.2W	365.6W	235.8W
Lumens	128,910	121,134	110,561	99,024	86,741	75,347	62,140	41,126
Efficacy	144.6	148.0	151.9	156.9	161.7	165.9	170.0	174.4
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							

TM900, TYPE III	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	891.3W	817.7W	723.9W	630.7W	534.9W	452.1W	365.8W	233.6W
Lumens	128,353	120,111	109,634	98,526	86,084	74,534	61,828	40,430
Efficacy	144.0	146.9	151.4	156.2	160.9	164.9	169.0	173.1
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							

TM900, TYPE IV	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	890.9W	817.5W	722.7W	629.0W	533.0W	451.4W	365.7W	233.2W
Lumens	122,065	115,100	105,103	94,520	82,619	71,738	59,474	38,873
Efficacy	140.0	140.8	145.4	150.3	155.0	158.9	162.6	166.7
CRI	72	72	72	72	72	72	72	72
Voltage Ratings	120-277V							

TM900, TYPE V	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	891.0W	815.8W	724.0W	630.4W	534.3W	450.6W	365.7W	232.9W
Lumens	123,983	115,536	105,570	94,956	83,030	71,729	59,653	39,070
Efficacy	140.0	141.6	145.8	150.6	155.4	159.2	163.1	167.8
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							

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TM900N, TYPE I	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	890.3W	817.5W	725.9W	629.8W	535.6W	454.0W	365.2W	234.0W
Lumens	133,720	125,195	114,722	102,603	89,837	77,988	64,340	42,265
Efficacy	150.2	153.1	158.0	162.9	167.7	171.8	176.2	180.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM900N, TYPE II	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	889.9W	817.4W	726.6W	630.0W	535.6W	453.5W	365.0W	235.4W
Lumens	130,157	122,305	111,630	99,981	87,580	76,076	62,741	41,524
Efficacy	146.3	149.6	153.6	158.7	163.5	167.8	171.9	176.4
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM900N, TYPE III	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	890.0W	816.5W	722.8W	629.8W	534.1W	451.4W	365.3W	233.3W
Lumens	130,358	121,988	111,347	100,065	87,429	75,699	62,794	41,062
Efficacy	146.5	149.4	154.0	158.9	163.7	167.7	171.9	176.0
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM900N, TYPE IV	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	891.0W	817.6W	722.8W	629.1W	533.1W	451.5W	365.7W	233.2W
Lumens	123,431	116,388	106,279	95,578	83,544	72,541	60,140	39,308
Efficacy	140.0	142.4	147.0	151.9	156.7	160.7	164.5	168.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	120-277V							
TM900N, TYPE V	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	890.6W	815.4W	723.7W	630.1W	534.1W	450.4W	365.5W	232.8W
Lumens	126,455	117,839	107,675	96,849	84,685	73,159	60,842	39,849
Efficacy	142.0	144.5	148.8	153.7	158.6	162.4	166.5	171.2
CRI	73	73	73	73	73	73	73	74
Voltage Ratings	120-277V							

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PERFORMANCE

TM600/480, TYPE I	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	578.3W	538.1W	483.7W	422.9W	364.4W	303.5W	244.1W	140.0W
Lumens	90,445	85,236	78,280	70,068	61,663	52,324	43,735	25,684
Efficacy	156.4	158.4	161.8	165.7	169.2	172.4	179.2	183.5
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM600/480, TYPE II	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	578.2W	537.9W	483.8W	423.1W	364.3W	303.4W	243.8W	140.2W
Lumens	88,266	83,283	76,526	68,489	60,228	51,069	42,717	25,140
Efficacy	152.7	154.8	158.2	161.9	165.3	168.3	175.2	179.3
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM600/480 TYPE III	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	578.8W	538.9W	483.9W	421.9W	364.2W	303.3W	244.3W	140.1W
Lumens	88,141	83,092	76,192	67,843	59,962	50,855	42,640	25,076
Efficacy	152.3	154.2	157.5	160.8	164.6	167.7	174.5	179.0
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM600/480, TYPE IV	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	578.2W	538.2W	483.2W	422.5W	363.8W	303.1W	244.2W	140.0W
Lumens	84,014	79,105	72,512	64,884	57,052	48,505	40,614	23,877
Efficacy	145.3	147.0	150.1	153.6	156.8	160.0	166.3	170.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM600/480, TYPE V	5000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	578.0W	538.6W	483.7W	422.3W	363.8W	303.1W	244.3W	139.9W
Lumens	84,928	80,129	73,473	65,546	57,947	49,205	41,306	24,223
Efficacy	146.9	148.8	151.9	155.2	159.3	162.3	169.1	173.1
CRI	72	72	72	72	72	72	72	72
Voltage Ratings	480V							

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PERFORMANCE

TM600N/480, TYPE I	4000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	576.6W	536.5W	482.3W	421.7W	363.3W	302.6W	243.4W	139.6W
Lumens	89,590	84,430	77,540	69,406	61,080	51,829	43,322	25,441
Efficacy	155.4	157.4	160.8	164.6	168.1	171.3	178.0	182.2
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	480V							
TM600N/480, TYPE II	4000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	576.6W	536.4W	482.5W	421.9W	363.3W	302.6W	243.1W	139.8W
Lumens	87,519	82,579	75,879	67,910	59,719	50,637	42,356	24,927
Efficacy	151.8	154.0	157.3	161.0	164.4	167.3	174.2	178.3
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	480V							
TM600N/480 TYPE III	4000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	576.9W	537.1W	482.3W	420.5W	363.0W	302.3W	243.5W	139.6W
Lumens	87,270	82,271	75,439	67,173	59,370	50,353	42,219	24,828
Efficacy	151.3	153.2	156.4	159.7	163.6	166.6	173.4	177.9
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	480V							
TM600N/480, TYPE IV	4000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	577.0W	537.1W	482.2W	421.6W	363.0W	302.5W	243.7W	139.7W
Lumens	83,632	78,745	72,182	64,589	56,792	48,284	40,429	23,768
Efficacy	144.9	146.6	149.7	153.2	156.5	159.6	165.9	170.1
CRI	73	73	73	73	73	73	74	74
Voltage Ratings	480V							
TM600N/480, TYPE V	4000K							
Wattage	600W	540W	480W	420W	360W	300W	240W	150W
Input Watts	576.4W	537.1W	482.4W	421.1W	362.8W	302.3W	243.6W	139.5W
Lumens	84,232	79,472	72,871	65,009	57,472	48,802	40,967	24,024
Efficacy	146.1	148.0	151.1	154.4	158.4	161.4	168.2	172.2
CRI	74	74	74	74	74	74	74	74
Voltage Ratings	480V							

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PERFORMANCE

TM900/480, TYPE I	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	884.8W	818.9W	728.9W	637.9W	544.2W	453.9W	367.5W	233.5W
Lumens	133,579	125,703	114,666	102,804	89,656	77,602	63,983	41,259
Efficacy	151.0	153.5	157.3	161.2	164.7	171.0	174.1	176.7
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM900/480, TYPE II	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	884.7W	819.4W	729.1W	638.6W	544.9W	454.1W	367.8W	233.4W
Lumens	130,462	122,666	111,965	100,519	87,757	75,753	62,521	40,284
Efficacy	147.5	149.7	153.6	157.4	161.1	166.8	170.0	172.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM900/480, TYPE III	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	885.2W	819.9W	729.1W	638.6W	544.6W	454.3W	368.1W	234.2W
Lumens	130,239	122,652	111,926	100,488	87,712	75,846	62,616	40,423
Efficacy	147.1	149.6	153.5	157.4	161.1	167.0	170.1	172.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							
TM900/480, TYPE IV	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	883.9W	819.5W	728.7W	640.5W	545.6W	454.9W	368.2W	234.3W
Lumens	123,676	116,502	106,324	96,742	84,118	72,524	59,818	38,646
Efficacy	140.0	142.2	145.9	151.0	154.2	159.4	162.5	164.9
CRI	72	72	72	72	72	72	72	72
Voltage Ratings	480V							
TM900/480, TYPE V	5000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	885.5W	819.8W	729.2W	638.6W	545.0W	454.1W	368.3W	233.7W
Lumens	125,855	118,563	108,096	97,041	84,639	73,037	60,442	39,012
Efficacy	142.1	144.6	148.2	152.0	155.3	160.8	164.1	166.9
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							

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PERFORMANCE

TM900N/480, TYPE I	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	882.3W	816.6W	726.8W	636.1W	542.7W	452.6W	366.5W	232.8W
Lumens	133,631	125,752	114,710	102,844	89,691	77,632	64,008	41,275
Efficacy	151.5	154.0	157.8	161.7	165.3	171.5	174.6	177.3
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							

TM900N/480, TYPE II	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	881.1W	816.1W	726.1W	636.0W	542.7W	452.3W	366.3W	232.5W
Lumens	129,973	122,207	111,546	100,143	87,428	75,469	62,287	40,133
Efficacy	147.5	149.7	153.6	157.5	161.1	166.9	170.0	172.6
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							

TM900N/480, TYPE III	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	881.2W	816.2W	725.8W	635.7W	542.1W	452.2W	366.4W	233.1W
Lumens	129,842	122,279	111,585	100,182	87,445	75,615	62,425	40,300
Efficacy	147.3	149.8	153.7	157.6	161.3	167.2	170.4	172.9
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							

TM900N/480, TYPE IV	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	879.9W	815.8W	725.4W	637.6W	543.1W	452.8W	366.5W	233.2W
Lumens	123,422	116,263	106,105	96,543	83,945	72,375	59,695	38,567
Efficacy	140.3	142.5	146.3	151.4	154.6	159.8	162.9	165.4
CRI	73	73	73	73	73	73	73	73
Voltage Ratings	480V							

TM900N/480, TYPE V	4000K							
Wattage	900W	810W	720W	630W	540W	450W	360W	225W
Input Watts	881.5W	816.1W	725.9W	635.7W	542.5W	452.0W	366.6W	232.6W
Lumens	126,187	118,876	108,381	97,297	84,863	73,230	60,602	39,115
Efficacy	143.2	145.7	149.3	153.1	156.4	162.0	165.3	168.2
CRI	73	73	73	73	73	73	73	74
Voltage Ratings	480V							

TOTEM High Mast Power-Adjustable Area Light



TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for wet locations

DLC Listing

This product family is listed with the Design Lights Consortium (DLC). Individual SKUs with this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Product list (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

CONSTRUCTION

Cold Weather Starting Temperature

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature

Suitable for use in up to 45°C (113°F)

Housing

Die-cast aluminum

Mounting

Adjustable pole mount

Fixture Tilt

Fixture tilt 0° - 5° with 1, tilt increment

Vibration Rating

3G vibration rating per ANSI C136.31

Lens

Polystyrene

Gasket

High-temperature silicone

EPA (Effective Projected Area)

1.64ft²

BUG Rating

B5-U0-G5

IP Rating

Ingress protection rating of IP66 for dust and water

IK Rating

IK08 rated for protection against impact

Green Technology

Includes recycled plastic and RoHS-compliant components.

Finish

Formulated for high durability and long lasting color

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, surface-mount LEDs

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

OPTICS

IES Classifications

The Type I distribution pattern lights long, narrow areas such as pathways, walkways, or sidewalks from a central position and produces a skinny, rectangular oval pattern. Type I lights follow a two-way lateral distribution where the light source is directed outward in opposite directions. The mounting height for a Type I light should be approximately equal to the area width.

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

Type III - Ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Type IV - Also known as "forward throw", it is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Type V - Produces a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots and pathways.

ELECTRICAL

Drivers

Constant Current, Class 1, Class P, 120-277V, 50/60 Hz

TM-600:

600W: 120V: 6.0A, 208V: 2.9A, 240V: 2.6A, 277V: 2.3A
540W: 120V: 4.5A, 208V: 2.6A, 240V: 2.3A, 277V: 2.0A
480W: 120V: 4.1A, 208V: 2.4A, 240V: 2.1A, 277V: 1.8A
420W: 120V: 3.6A, 208V: 2.1A, 240V: 1.8A, 277V: 1.6A
360W: 120V: 3.0A, 208V: 1.8A, 240V: 1.6A, 277V: 1.4A
300W: 120V: 2.6A, 208V: 1.6A, 240V: 1.4A, 277V: 1.3A
240W: 120V: 2.0A, 208V: 1.2A, 240V: 1.1A, 277V: 1.0A
150W: 120V: 1.3A, 208V: 0.9A, 240V: 0.8A, 277V: 0.8A

TM-900:

900W: 120V: 9.0A, 208V: 4.4A, 240V: 3.8A, 277V: 3.4A
810W: 120V: 7.0A, 208V: 4.0A, 240V: 3.5A, 277V: 3.1A
720W: 120V: 6.2A, 208V: 3.6A, 240V: 3.1A, 277V: 2.8A
630W: 120V: 5.4A, 208V: 3.1A, 240V: 2.8A, 277V: 2.5A
540W: 120V: 4.6A, 208V: 2.7A, 240V: 2.4A, 277V: 2.2A
450W: 120V: 3.9A, 208V: 2.3A, 240V: 2.1A, 277V: 1.9A
360W: 120V: 3.1A, 208V: 1.9A, 240V: 1.8A, 277V: 1.6A
225W: 120V: 2.0A, 208V: 1.3A, 240V: 1.3A, 277V: 1.2A

Constant Current, Class 1, Class P, 480V, 50/60 Hz

TM-600:

600W: 120V: 1.5A
540W: 120V: 1.2A
480W: 120V: 1.1A
420W: 120V: 1.0A
360W: 120V: 0.8A
300W: 120V: 0.7A
240W: 120V: 0.6A
150W: 120V: 0.4A

TOTEM High Mast Power-Adjustable Area Light



TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Constant Current, Class 1, Class P, 480V, 50/60 Hz

TM-600:

600W: 120V: 2.3A
540W: 120V: 1.8A
480W: 120V: 1.7A
420W: 120V: 1.5A
360W: 120V: 1.3A
300W: 120V: 1.1A
240W: 120V: 1.0A
150W: 120V: 0.7A

Dimming Driver

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Surge Protection

20kV

THD/Power factor

MODEL#	CCT	ANGLE	THD	PF	THD	PF
			120V		277V	
TM600	5000K	1T	9.4	99.6%	8.3	96.1%
		2T	9.3	99.6%	8.2	96.1%
		3T	9.3	99.6%	8.2	96.1%
		4T	9.1	99.6%	8.1	96.1%
		5T	9.3	99.6%	8.2	96.1%
TM600N	4000K	1T	9.3	99.6%	9.8	96.0%
		2T	9.2	99.6%	8.2	96.0%
		3T	9.3	99.6%	8.4	96.1%
		4T	9.3	99.6%	8.2	96.1%
		5T	9.3	99.6%	8.1	96.1%
TM900	5000K	1T	5.4	99.8%	11.4	95.3%
		2T	5.4	99.8%	11.5	95.3%
		3T	5.4	99.8%	11.5	95.3%
		4T	5.3	99.8%	11.5	95.3%
		5T	5.0	99.8%	11.4	95.3%
TM900N	4000K	1T	5.0	99.7%	11.6	95.2%
		2T	5.4	99.8%	11.6	95.2%
		3T	6.4	99.8%	11.4	96.5%
		4T	5.1	99.7%	11.0	95.2%
		5T	5.3	99.8%	11.5	95.2%

ELECTRICAL

THD/Power factor (continued)

MODEL#	CCT	ANGLE	THD	PF
			480V	
TM600	5000K	1T	15.0	95.3%
		2T	13.9	95.2%
		3T	14.2	95.2%
		4T	14.6	95.3%
		5T	14.3	95.3%
TM600N	4000K	1T	14.8	95.2%
		2T	15.0	95.2%
		3T	14.7	95.2%
		4T	13.6	95.2%
		5T	13.9	95.3%
TM900	5000K	1T	18.8	94.6%
		2T	18.9	94.6%
		3T	18.9	94.6%
		4T	18.3	94.6%
		5T	18.6	94.7%
TM900N	4000K	1T	17.0	94.8%
		2T	18.1	94.8%
		3T	16.7	94.9%
		4T	17.2	94.8%
		5T	18.1	94.8%

OTHER

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

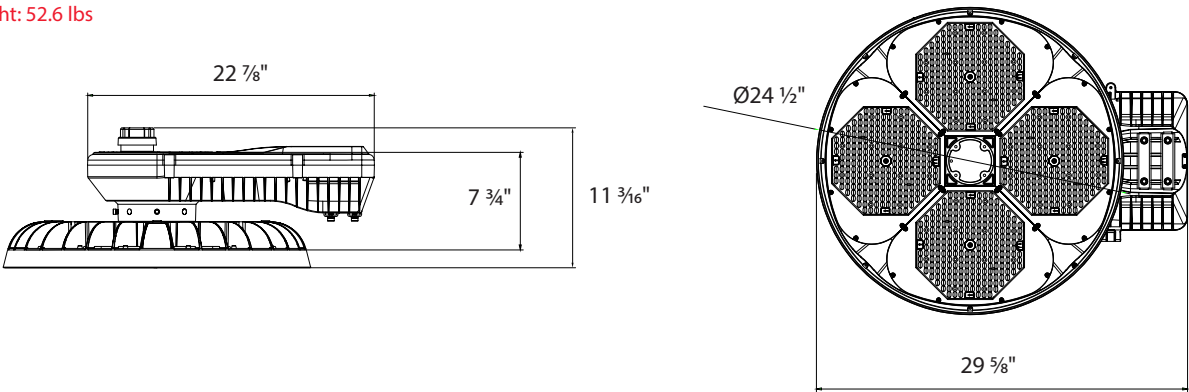
TOTEM High Mast Power-Adjustable Area Light

RAB®

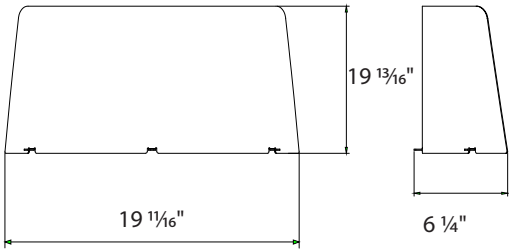
DIMENSIONS

TM-600 / TM-900

Weight: 49.9 lbs / Weight: 52.6 lbs



TM-HSS / TM-HSSG



ACCESSORIES



TM-HSS



TM-HSSG



R-3P-PCT-HP
R-3P-PCT-480V



LCTWIST/K

CATALOG#	UPC	DESCRIPTION
TM-HSS		TOTEM HOUSE SIDE SHIELD BRONZE
TM-HSSG		TOTEM HOUSE SIDE SHIELD ROADWAY GRAY
R-3P-PCT-HP		3 PIN TWISTLOCK PHOTOCELL 120V-277V FOR HIGH POWER
R-3P-PCT-480V		3 PIN TWISTLOCK PHOTOCELL 480V
LCTWIST/K		Light Cloud twistlock photocell

TOTEM High Mast Power-Adjustable Area Light

RAB

ORDERING MATRIX

TOTEM High-Mast Area Light

Family	Distribution	Wattage	Mounting	Color Temp	Finish	Driver	Controls
TM	-						
1T	Type I	600 600/540/480/420/360/300/240/150W	BLANK Adjustable	BLANK 5000K	BLANK Bronze	BLANK 120-277V,	BLANK 7-Pin Receptacle
2T	Type II	900 900/810/720/630/540/450/360/225W	Pole Mount	N 4000K	RG Roadway Gray	0-10V Dimming	w/Shorting Cap
3T	Type III					200-480V,	
4T	Type IV					0-10V Dimming	
5T	Type V						