

Austin Testing Laboratories

An Acuity Brands Company

2011 West Rundberg Lane
Austin, Tx. 78758

PRINT DATE: June 11, 2009

TEST NO: ABA201008

MANUFACTURER: ACUITY BRANDS LIGHTING

LUMINAIRE CATALOG NO.: TLHPM15 3R 150M GCF SR4SC DBL

LUMINAIRE DESCRIPTION: TERSEN LUMINAIRE HIGHLAND PARK 1.5 SERIES, WITH MONUMENT STYLE ROOF AND CLEAR FLAT GLASS

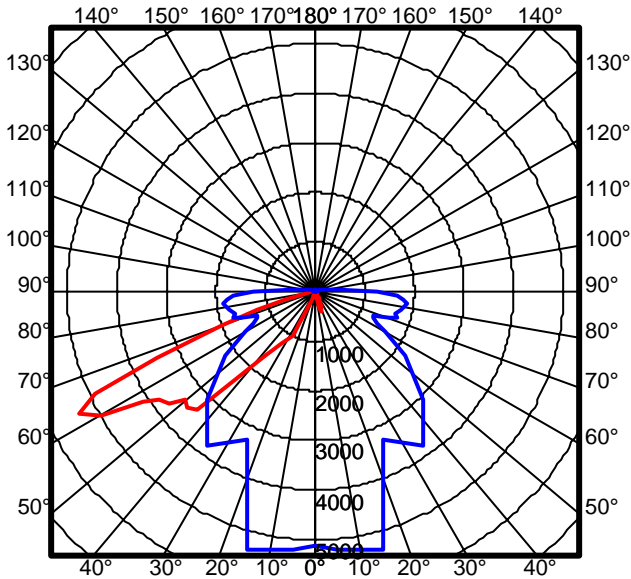
LAMP CATALOG NO.: .MXR150U/MED.LUMEN RATING: 12500 LMS.

LAMP DESCRIPTION: 150 WATTS MH LAMP

LUMENS PER LAMP: 12500

MAXIMUM PLANE AND CONE PLOTS

Maximum Candela = 5367

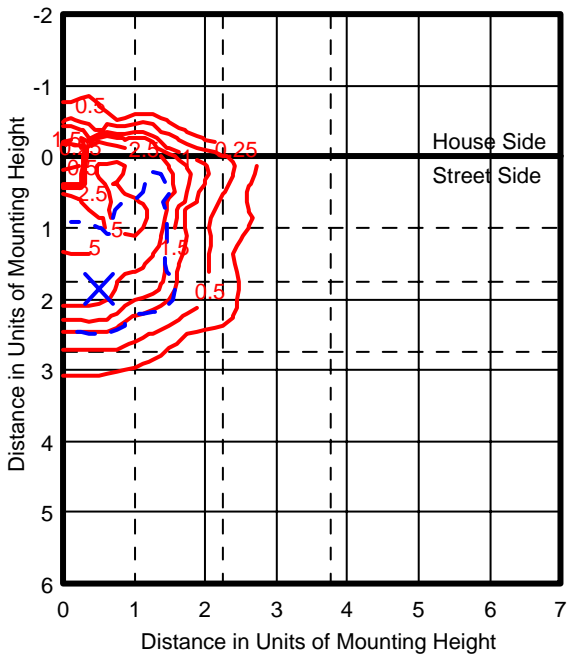


— Max - 15° Horiz
— Max - 62.5° Vert

ISOILLUMINANCE PLOT (FC)

Mounting Height = 12 ft.

Classification: Unclassified (Type III, Very Short), Cutoff

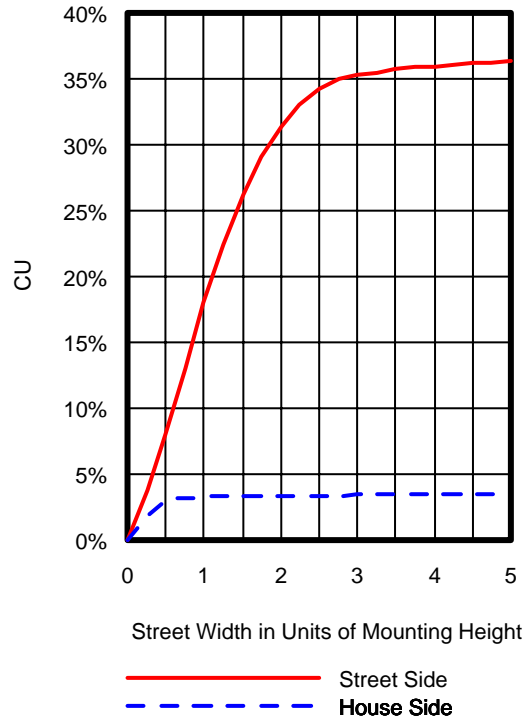


— X — Maximum Intensity
- - - 1/2 Maximum Intensity

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp
Downward Street Side	4556.3	36.5
Downward House Side	431.9	3.5
Downward Total	4988.2	39.9
Upward Street Side	9.9	0.1
Upward House Side	11.4	0.1
Upward Total	21.3	0.2
Total	5009.5	40.1

COEFFICIENTS OF UTILIZATION



TESTED BY: _____

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LUMINAIRE DESCRIPTION: TERSEN LUMINAIRE HIGHLAND PARK 1.5 SERIES, WITH MONUMENT STYLE ROOF AND CLEAR FLAT GLASS

LAMP CATALOG NO.: MXR150/U/MED. LUMEN RATING: 12500 LMS.

LAMP DESCRIPTION: 150 WATTS MH LAMP

LUMENS PER LAMP: 12500

CANDELA DISTRIBUTION

	0	5	15	25	35	45	55	60	65	70	75	80	85	90
0	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	3	4	3	4	4	4	4	4	4	4	4	4	4	4
15	91	94	97	98	85	66	22	31	41	49	50	52	55	53
25	861	827	720	244	107	510	945	1007	1057	1048	1017	988	948	883
35	1564	1541	1448	1298	436	1145	1303	1315	1338	1436	1392	1388	1355	1093
45	3427	3407	3353	2592	1726	2408	2174	2009	1848	1908	1890	1924	1877	1649
55	3231	3358	3828	2993	2943	4703	4151	3446	3204	3329	2877	2635	2283	1654
62.5	5122	5236	5367	3288	3766	3069	2225	1633	1280	1572	1675	1814	1793	1244
65	4275	4399	4873	3264	3891	2283	1768	1448	1069	1086	1276	1512	1628	1214
75	497	544	609	746	314	830	636	309	377	500	470	381	270	189
85	27	27	29	21	26	9	8	11	13	13	12	11	8	7
90	5	5	4	3	3	3	2	3	3	3	3	4	3	3
95	7	6	2	1	1	1	1	1	1	2	2	2	2	2
105	16	13	2	0	0	0	1	1	1	4	7	8	8	6
115	4	3	2	1	0	0	1	1	1	3	7	11	10	7
125	1	1	1	1	1	0	1	1	1	2	2	3	3	3
135	1	1	1	1	1	1	1	1	1	2	2	2	3	3
145	2	3	3	3	3	3	2	2	2	3	3	3	3	3
155	10	10	11	11	9	10	9	9	8	7	6	6	6	6
165	7	6	7	6	7	9	11	11	11	12	12	11	12	12
175	1	1	1	1	1	1	1	1	2	1	2	2	2	2
180	1	1	1	1	1	1	1	1	1	1	1	1	1	1

CANDELA DISTRIBUTION

	90	95	105	115	125	135	145	155	165	175	180
0	3	3	3	3	3	3	3	3	3	3	3
5	4	3	4	3	3	3	3	3	3	3	2
15	53	46	28	14	8	18	19	165	318	351	400
25	883	841	792	471	130	276	181	138	149	117	115
35	1093	880	651	317	90	75	61	123	87	81	80
45	1649	1177	586	196	69	50	52	32	39	34	32
55	1654	806	328	160	50	31	33	26	23	20	17
62.5	1244	504	103	44	29	21	26	23	20	17	15
65	1214	406	58	32	23	18	24	22	19	17	15
75	189	131	18	15	13	11	14	16	14	14	14
85	7	6	5	6	5	4	5	6	6	7	6
90	3	3	2	2	2	2	3	2	3	3	2
95	2	2	1	1	1	1	1	2	2	2	2
105	6	3	1	1	1	1	2	2	3	4	5
115	7	4	2	2	2	2	3	3	5	12	15
125	3	3	3	3	3	3	4	4	6	10	13
135	3	3	3	3	3	4	4	5	5	6	6
145	3	3	3	4	3	3	4	4	4	4	4
155	6	6	5	5	5	4	5	4	4	4	3
165	12	12	12	11	10	11	11	10	9	8	8
175	2	2	2	2	2	2	3	3	4	4	4
180	1	1	1	1	1	1	1	1	1	1	1