



IES ROAD REPORT
PHOTOMETRIC FILENAME : TEL22-SCR-LED-26L-45.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3032
[TESTLAB] TUV SUD America
[TESTDATE] 1/12/2017 3:40:39 PM
[ISSUEDATE] 11/15/2019
[MANUFAC] LSI INDUSTRIES, INC.
[_SEARCH_ SOURCETYPE] LED
[_SEARCH_ APPLICATION] Outdoor
[OTHER] TEST PROCEDURE: IESNA LM-79-08
[_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[LUMCAT] TEL22-SCR-LED-26L-45

CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	29766
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	265.52
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	16655
Maximum Candela Angle	310H 65V
Maximum Candela (<90 Degrees Vertical)	16655
Maximum Candela Angle (<90 Degrees Vertical)	310H 65V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2390 (8.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1940.4	N.A.	6.5
FM - Front-Medium (30-60)	8037.2	N.A.	27.0
FH - Front-High (60-80)	4768.2	N.A.	16.0
FVH - Front-Very High (80-90)	136.9	N.A.	0.5
BL - Back-Low (0-30)	1940.4	N.A.	6.5
BM - Back-Medium (30-60)	8037.2	N.A.	27.0
BH - Back-High (60-80)	4768.2	N.A.	16.0
BVH - Back-Very High (80-90)	136.9	N.A.	0.5
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	29765.4	N.A.	100.0
BUG Rating	B4-U0-G4		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	10	20	30	40	50	60	70	80	90
0	3673	3673	3673	3673	3673	3673	3673	3673	3673	3673
5	3741	3617	3454	3308	3189	3089	3014	2960	2933	2925
10	3878	3612	3333	3107	2930	2758	2622	2553	2516	2506
15	4069	3686	3339	3041	2791	2658	2550	2472	2429	2416
20	4262	3787	3355	2998	2828	2686	2556	2445	2380	2362
25	4489	3886	3336	3061	2866	2700	2566	2438	2346	2319
30	4853	4098	3396	3090	2907	2750	2605	2470	2340	2296
35	5816	4592	3561	3173	3092	2936	2763	2574	2397	2331
40	7053	5178	3704	3465	3513	3183	2866	2646	2481	2419
45	7329	5078	3660	3824	3734	3244	2839	2644	2524	2479
50	6770	4607	3591	3725	3525	3136	2822	2659	2563	2508
55	6100	4097	3451	3460	3191	2978	2751	2592	2576	2512
60	5255	3557	3086	2979	2772	2673	2534	2412	2331	2272
65	3966	2739	2472	2291	2191	2175	1981	1931	1849	1775
70	2518	1550	1572	1488	1410	1373	1315	1360	1264	1231
75	1127	778	850	829	756	714	738	753	668	605
80	365	305	319	302	270	255	256	261	213	202
85	66	56	53	45	37	28	23	19	18	18
90	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles									
	100	110	120	130	140	150	160	170	180	190
0	3673	3673	3673	3673	3673	3673	3673	3673	3673	3673
5	2933	2960	3014	3089	3189	3308	3454	3617	3741	3902
10	2516	2553	2622	2758	2930	3107	3333	3612	3878	4187
15	2429	2472	2550	2658	2791	3041	3339	3686	4069	4551
20	2380	2445	2556	2686	2828	2998	3355	3787	4262	4853
25	2346	2438	2566	2700	2866	3061	3336	3886	4489	5165
30	2340	2470	2605	2750	2907	3090	3396	4098	4853	5685
35	2397	2574	2763	2936	3092	3173	3561	4592	5816	6871
40	2481	2646	2866	3183	3513	3465	3704	5178	7053	8431
45	2524	2644	2839	3244	3734	3824	3660	5078	7329	9163
50	2563	2659	2822	3136	3525	3725	3591	4607	6770	8882
55	2576	2592	2751	2978	3191	3460	3451	4097	6100	8591

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CANDELA TABULATION - (Cont.)

60	2331	2412	2534	2673	2772	2979	3086	3557	5255	8259
65	1849	1931	1981	2175	2191	2291	2472	2739	3966	7294
70	1264	1360	1315	1373	1410	1488	1572	1550	2518	5245
75	668	753	738	714	756	829	850	778	1127	2839
80	213	261	256	255	270	302	319	305	365	889
85	18	19	23	28	37	45	53	56	66	155
90	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0

**Vert.
Angles**

Horizontal Angles

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	3673	3673	3673	3673	3673	3673	3673	3673	3673	3673
5	4037	4178	4298	4400	4485	4550	4582	4605	4582	4550
10	4491	4758	4983	5197	5383	5531	5618	5652	5618	5531
15	4981	5406	5790	6082	6309	6468	6589	6642	6589	6468
20	5436	6023	6469	6808	7070	7263	7403	7460	7403	7263
25	5932	6566	7025	7390	7677	7885	8025	8092	8025	7885
30	6559	7151	7618	7857	8143	8385	8517	8614	8517	8385
35	7848	8334	8424	8421	8528	8799	9018	9165	9018	8799
40	9503	9966	9767	9226	9130	9413	9794	9967	9794	9413
45	10501	11411	11497	10671	9948	10292	10819	11061	10819	10292
50	10666	12385	13150	12394	11247	11569	12335	12508	12335	11569
55	11233	13684	14496	14108	12889	13114	14344	14392	14344	13114
60	11765	15120	15855	15808	14823	14315	15016	14823	15016	14315
65	11212	14944	16263	16655	14012	11940	11121	10463	11121	11940
70	8673	11647	12771	11000	7308	6121	4840	4004	4840	6121
75	5410	6862	7194	5586	3920	3006	1501	1323	1501	3006
80	1988	2390	2198	1732	1410	1066	468	340	468	1066
85	240	242	216	132	102	69	50	48	50	69
90	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0

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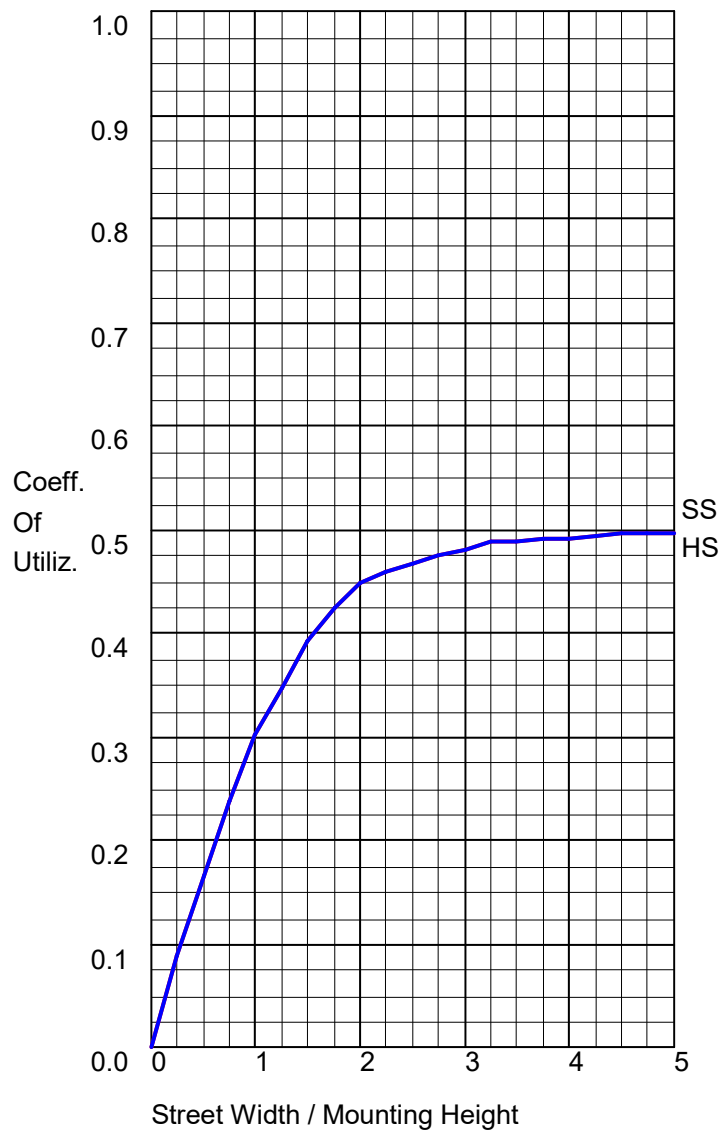
CANDELA TABULATION - (Cont.)

135	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles
Angles

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	3673	3673	3673	3673	3673	3673	3673
5	4485	4400	4298	4178	4037	3902	3741
10	5383	5197	4983	4758	4491	4187	3878
15	6309	6082	5790	5406	4981	4551	4069
20	7070	6808	6469	6023	5436	4853	4262
25	7677	7390	7025	6566	5932	5165	4489
30	8143	7857	7618	7151	6559	5685	4853
35	8528	8421	8424	8334	7848	6871	5816
40	9130	9226	9767	9966	9503	8431	7053
45	9948	10671	11497	11411	10501	9163	7329
50	11247	12394	13150	12385	10666	8882	6770
55	12889	14108	14496	13684	11233	8591	6100
60	14823	15808	15855	15120	11765	8259	5255
65	14012	16655	16263	14944	11212	7294	3966
70	7308	11000	12771	11647	8673	5245	2518
75	3920	5586	7194	6862	5410	2839	1127
80	1410	1732	2198	2390	1988	889	365
85	102	132	216	242	240	155	66
90	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0

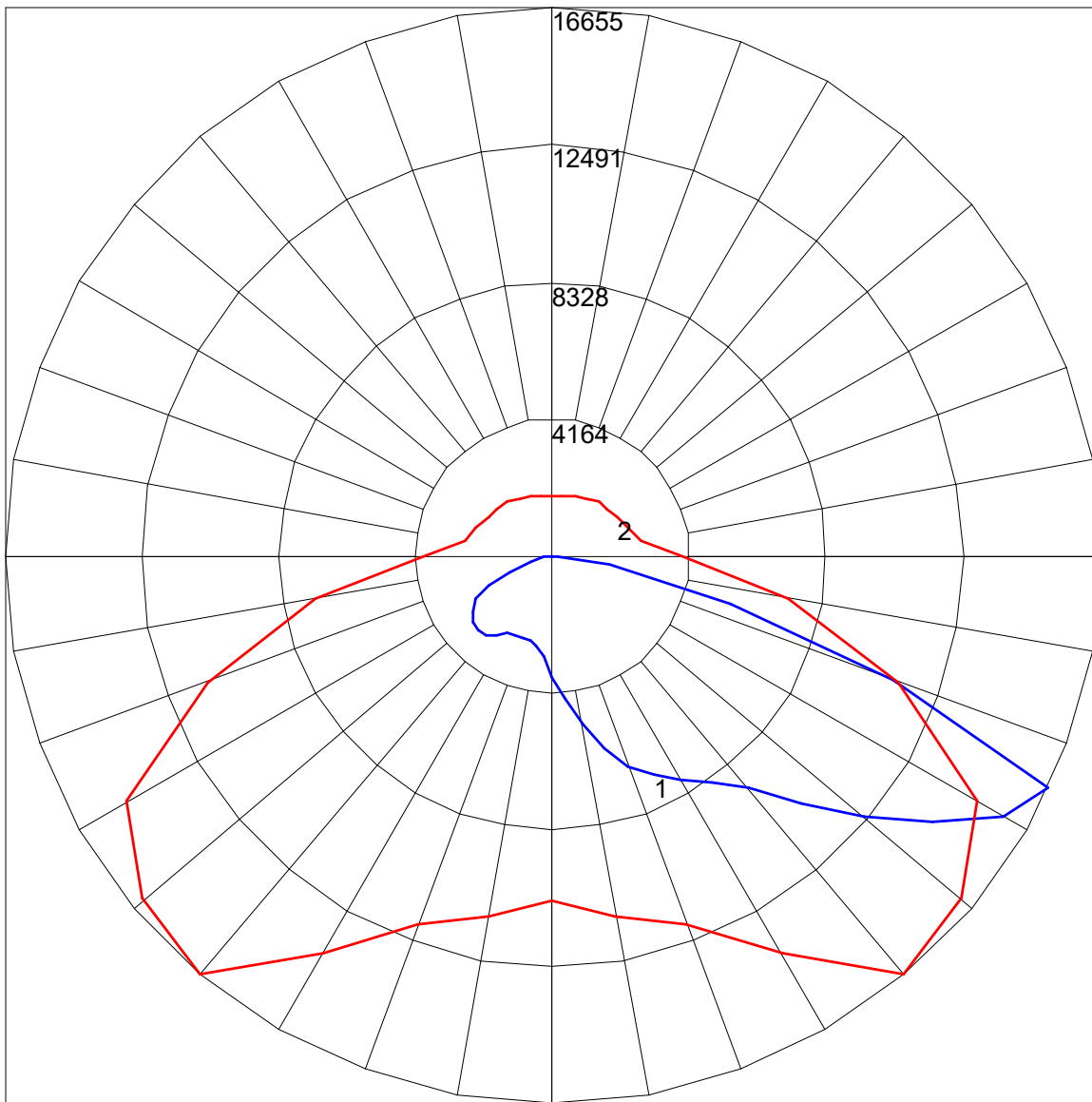
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	14882.8	50.0
Downward House Side	14882.8	50.0
Downward Total	29765.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	29765.6	100.0

POLAR GRAPH



Maximum Candela = 16655 Located At Horizontal Angle = 310, Vertical Angle = 65
1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

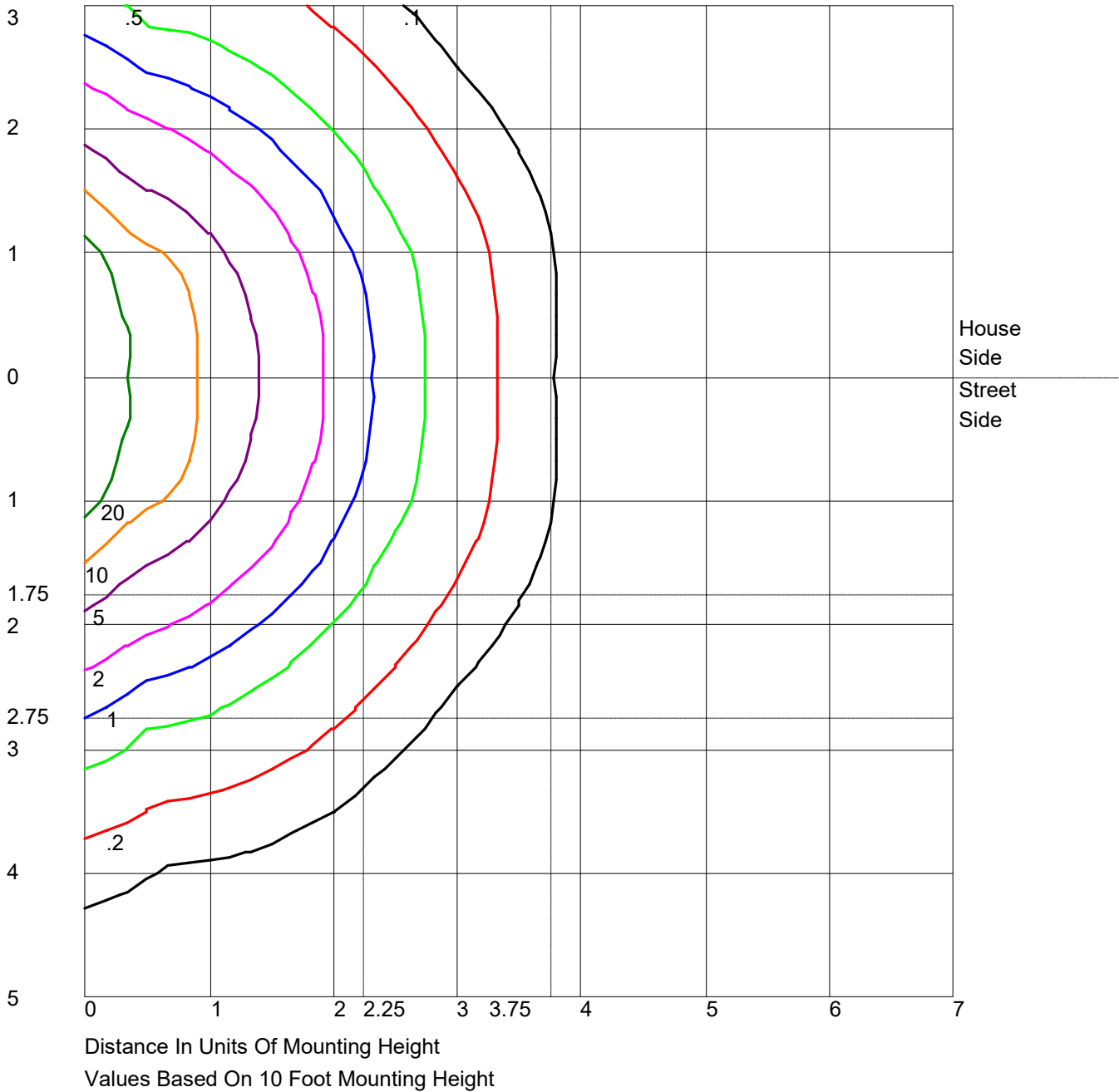


PHOTO IES R

