

# Photometric Report

CATALOG NUMBER: RT5 2 28T5 MVOLT GEB95S

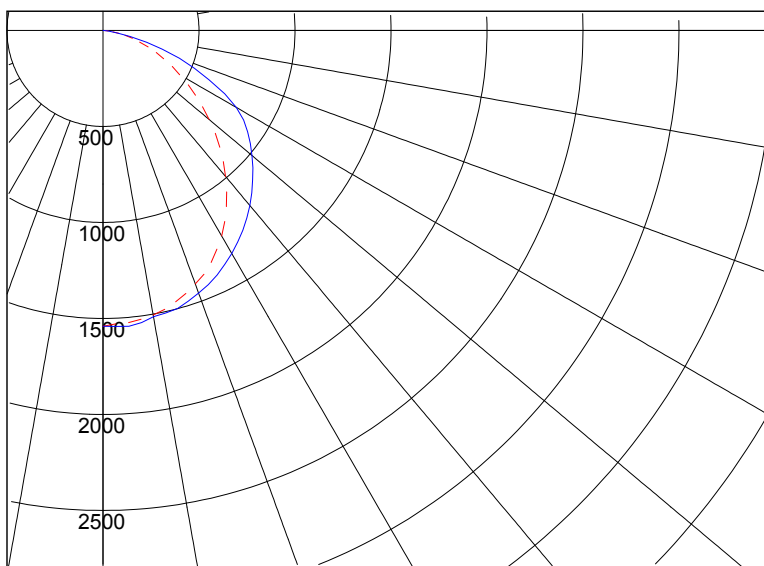
FILENAME: LTL14100.IES

IESNA91  
 [TEST]LTL14100  
 [DATE]JUNE 6, 2005  
 [MANUFAC]LITHONIA GENERAL FLUORESCENT  
 [LUMCAT]RT5 2 28T5 MVOLT GEB95S  
 [LUMINAIRE]RT5 TROFFER 1' X 4', 2 LAMP T5, CLEAR ACRYLIC PRISMATIC LENS w/  
 [MORE]MYLAR INLAYS, MVOLT ELECT. BALLAST . PAINT REFL. > .88  
 [LAMP]FP28/835/ECO  
 [LAMP]TWO 28-WATT T5 LINEAR FLUORESCENT  
 [BALLAST]QTP2X28T5/UNV PS95SC ( EB0316 ) BF = 0.95  
 [OTHER]LCS TEMP (BL) DEG C: #04-01-37.6 #04-03- 37.2 AMB=25.5: LCS (FX) DEG  
 [MORE]C: #04-01 = 53.6 #04-03- 53.0 AMB-25.5

**SUMMARY DATA**

EFFICIENCY (Total): 77.3 %  
 EFFICIENCY (Downlight): 77.3 %  
 EFFICIENCY (Uplight): 0.0 %  
 CIE CLASSIFICATION: DIRECT  
 SPACING CRITERION (0-Deg.): 1.20  
 SPACING CRITERION (90-Deg.): 1.29  
 LUMENS/LAMP: 2730  
 NO. OF LAMPS: 2  
 LUMINOUS OPENING: RECTANGULAR  
     Width: 0.91 (Feet)  
     Length: 3.86  
     Height: 0.00  
 INPUT WATTS: 56  
 RP-1-93 VDT CONFORMANCE: NON-CONFORMING

**CANDELA PLOT**



Quadrilaterally Symmetric  
 Dashed: 0 Degrees Solid: 90 Degrees

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Lamp	% Luminaire
0 - 30	1197.6	21.9	28.4
0 - 40	1951.0	35.7	46.2
0 - 60	3413.0	62.5	80.8
60 - 90	809.9	14.8	19.2
0 - 90	4222.9	77.3	100.0
90 - 180	0.0	0.0	0.0
0 - 180	4222.9	77.3	100.0

**AVERAGE LUMINANCE**

(Candelas / Square Meter)

Angle	0	22.5	45	67.5	90
0	4719	4719	4719	4719	4719
45	3727	3957	4403	4663	4776
55	3141	3521	4253	4750	4915
65	2531	3060	4235	4510	4416
75	1883	2664	3280	3007	2782
85	949	1055	703	668	633

**COEFFICIENT OF UTILIZATION TABLE**

Effective Floor cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.92	.92	.92	.92	.90	.90	.90	.90	.86	.86	.86	.82	.82	.82	.79	.79	.79	.77
1	.85	.81	.78	.75	.82	.79	.76	.74	.76	.74	.71	.73	.71	.69	.70	.69	.67	.66
2	.77	.71	.66	.61	.75	.69	.65	.61	.67	.63	.59	.64	.61	.58	.62	.59	.57	.55
3	.70	.62	.56	.51	.68	.61	.55	.51	.59	.54	.50	.57	.52	.49	.55	.51	.48	.46
4	.64	.55	.48	.43	.63	.54	.48	.43	.52	.47	.42	.50	.46	.42	.49	.45	.41	.40
5	.59	.49	.42	.37	.58	.48	.42	.37	.47	.41	.37	.45	.40	.36	.44	.39	.36	.34
6	.55	.44	.38	.33	.53	.44	.37	.32	.42	.36	.32	.41	.36	.32	.40	.35	.32	.30
7	.51	.40	.34	.29	.49	.40	.33	.29	.38	.33	.28	.37	.32	.28	.36	.32	.28	.27
8	.47	.37	.30	.26	.46	.36	.30	.26	.35	.29	.25	.34	.29	.25	.33	.29	.25	.24
9	.44	.34	.27	.23	.43	.33	.27	.23	.32	.27	.23	.32	.26	.23	.31	.26	.23	.21
10	.41	.31	.25	.21	.40	.31	.25	.21	.30	.25	.21	.29	.24	.21	.29	.24	.21	.19

Tuesday, October 31, 2006

Photometric Viewer



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## CANDELA TABLE

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1540	1540	1540	1540	1540
2.5	1529	1525	1560	1540	1543
5	1527	1521	1552	1540	1547
7.5	1517	1511	1546	1529	1535
10	1505	1501	1536	1515	1514
12.5	1487	1486	1521	1506	1507
15	1463	1466	1502	1490	1499
17.5	1436	1442	1479	1473	1478
20	1405	1412	1455	1451	1455
22.5	1374	1382	1428	1427	1433
25	1333	1342	1393	1395	1405
27.5	1284	1299	1354	1362	1373
30	1236	1257	1315	1329	1341
32.5	1180	1207	1270	1290	1306
35	1120	1153	1221	1250	1270
37.5	1059	1094	1171	1212	1231
40	993	1037	1122	1168	1190
42.5	927	973	1068	1123	1147
45	860	913	1016	1076	1102
47.5	793	853	963	1033	1059
50	721	786	906	983	1013
52.5	653	722	849	936	967
55	588	659	796	889	920
57.5	527	599	745	842	869
60	461	536	689	788	801
62.5	406	481	638	721	715
65	349	422	584	622	609
67.5	300	370	523	528	516
70	250	319	442	438	424
72.5	200	269	354	343	323
75	159	225	277	254	235
77.5	117	173	197	166	145
80	84	121	127	94	79
82.5	52	70	58	39	33
85	27	30	20	19	18
87.5	9	7	9	9	9
90	0	0	0	0	0

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