

Technical Description	
Designation	TECTONMPO5500840L1500DDWH
Total lumens	5500 lm
Input watts	35.5W

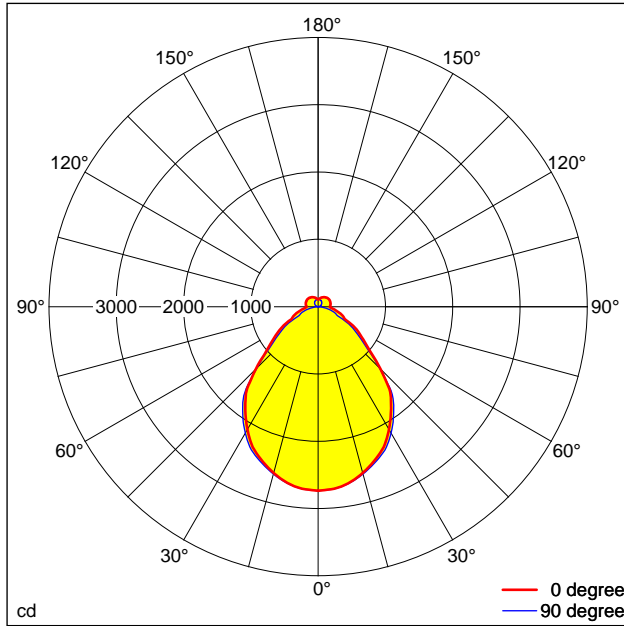
Coefficients of Utilization														
Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 1.2, 1.2, 1.3					
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97
1	107	103	99	95	103	99	96	93	93	90	87	87	84	82
2	98	91	85	80	95	88	83	78	83	78	74	78	74	71
3	91	81	74	68	87	79	72	67	74	69	64	70	65	62
4	84	73	65	59	81	71	64	58	67	61	56	63	58	54
5	78	66	58	52	75	64	57	51	61	54	50	58	52	48
6	72	60	52	46	69	58	51	45	55	49	44	53	47	43
7	67	55	47	41	65	53	46	41	51	44	40	48	43	38
8	63	50	43	37	61	49	42	37	47	40	36	45	39	35
9	59	46	39	34	57	45	38	33	43	37	32	41	36	32
10	55	43	36	31	53	42	35	30	40	34	30	38	33	29

Luminances							
	C0	C15	C30	C45	C60	C75	C90
55.0°	4068	3845	3377	3390	3629	5305	6669
60.0°	3429	2995	2581	2829	2939	3841	5743
65.0°	2465	2537	2297	2347	2358	3093	3891
70.0°	2296	2255	2041	1816	2071	2695	3857
75.0°	2014	1897	1845	1706	1895	2223	3524
80.0°	1705	1637	1569	1441	1487	1613	2703
85.0°	1471	1428	1391	1301	1222	1060	1543
90.0°	1506	1486	1450	1401	1310	1061	1269

Luminances in cd/m² based on 5500 lm

Candela distribution							
	0	15	30	45	60	75	90
0.0°	2339	2339	2339	2339	2339	2339	2339
10.0°	2273	2270	2270	2269	2274	2276	2278
20.0°	2085	2076	2071	2070	2087	2100	2110
30.0°	1800	1788	1797	1815	1822	1832	1855
40.0°	1428	1422	1421	1428	1451	1455	1472
50.0°	842	862	740	721	720	828	798
60.0°	549	475	391	394	360	394	465
70.0°	329	320	274	219	213	219	222
80.0°	209	198	177	142	119	92	88
90.0°	147	143	128	103	72	34	8
100.0°	160	155	140	116	83	43	12
110.0°	166	161	146	124	94	58	29
120.0°	167	162	149	128	100	69	45
130.0°	164	159	147	129	105	78	59
140.0°	154	150	140	126	107	84	72
150.0°	140	138	131	120	106	85	82
160.0°	124	123	119	111	98	91	90
170.0°	102	100	97	97	96	94	94
180.0°	96	96	96	96	96	96	96

Intensities in cd based on 5500 lm



Technical Description	
Designation	TECTONMPO6500840L1500DDWH
Total lumens	6470 lm
Input watts	42.4 W

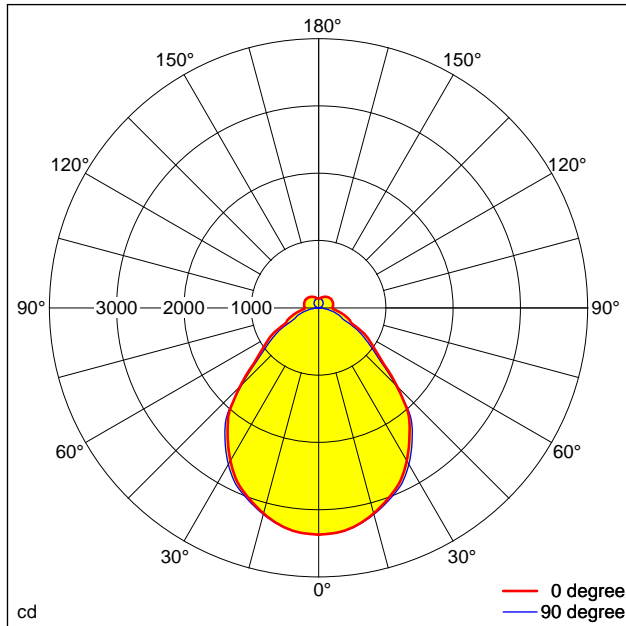
Coefficients of Utilization														
Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 1.2, 1.2, 1.3					
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97
1	107	103	99	95	103	99	96	93	93	90	87	87	84	82
2	98	91	85	80	95	88	83	78	83	78	74	78	74	71
3	91	81	74	68	87	79	72	67	74	69	64	70	65	62
4	84	73	65	59	81	71	64	58	67	61	56	63	58	54
5	78	66	58	52	75	64	57	51	61	54	50	58	52	48
6	72	60	52	46	69	58	51	45	55	49	44	53	47	43
7	67	55	47	41	65	53	46	41	51	44	40	48	43	38
8	63	50	43	37	61	49	42	37	47	40	36	45	39	35
9	59	46	39	34	57	45	38	33	43	37	32	41	36	32
10	55	43	36	31	53	42	35	30	40	34	30	38	33	29

Luminances							
	C0	C15	C30	C45	C60	C75	C90
55.0°	4756	4495	3948	3963	4243	6202	7797
60.0°	4009	3502	3017	3307	3436	4490	6714
65.0°	2882	2966	2685	2743	2757	3616	4550
70.0°	2684	2637	2386	2123	2421	3151	4509
75.0°	2355	2218	2157	1994	2216	2599	4120
80.0°	1994	1914	1835	1685	1738	1886	3160
85.0°	1720	1670	1626	1521	1429	1239	1805
90.0°	1760	1737	1695	1638	1532	1241	1485

Luminances in cd/m² based on 6430 lm

Candela distribution							
	0	15	30	45	60	75	90
0.0°	2734	2734	2734	2734	2734	2734	2734
10.0°	2658	2654	2654	2653	2659	2661	2663
20.0°	2437	2427	2422	2420	2440	2456	2467
30.0°	2105	2090	2101	2122	2130	2142	2168
40.0°	1670	1663	1662	1669	1696	1701	1721
50.0°	984	1008	865	843	842	968	933
60.0°	642	556	457	460	421	461	543
70.0°	385	374	320	257	249	256	260
80.0°	244	231	207	167	139	108	103
90.0°	172	167	149	121	84	39	10
100.0°	186	181	163	135	97	50	14
110.0°	194	188	171	145	109	68	33
120.0°	195	190	174	150	117	80	52
130.0°	192	186	172	150	122	91	69
140.0°	180	176	164	147	125	98	84
150.0°	164	161	153	140	124	100	96
160.0°	145	143	139	130	115	107	105
170.0°	119	116	113	113	112	110	110
180.0°	113	113	113	113	113	113	113

Intensities in cd based on 6430 lm



Technical Description	
Designation	TECTONMPO8000840L1500DDWH
Total lumens	7980 lm
Input watts	54.6 W

Coefficients of Utilization														
Ceiling	80				70				50			30		
Walls	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR	Effective Floor Cavity Reflectance = 20%								Spacing Criteria (along, across, 45°) = 1.2, 1.2, 1.3					
0	116	116	116	116	112	112	112	112	104	104	104	97	97	97
1	107	103	99	96	103	99	96	93	93	90	88	87	85	83
2	99	91	85	80	95	88	83	78	83	79	75	78	74	71
3	91	82	74	69	87	79	72	67	74	69	64	70	66	62
4	84	73	65	59	81	71	64	58	67	61	56	64	58	54
5	78	66	58	52	75	64	57	51	61	55	50	58	52	48
6	72	60	52	46	70	59	51	46	56	49	44	53	47	43
7	67	55	47	41	65	54	46	41	51	44	40	49	43	39
8	63	50	43	37	61	49	42	37	47	41	36	45	39	35
9	59	46	39	34	57	45	38	33	43	37	33	42	36	32
10	55	43	36	31	53	42	35	30	40	34	30	39	33	29

Luminances							
	C0	C15	C30	C45	C60	C75	C90
55.0°	5925	5570	4847	4940	5250	7689	9750
60.0°	5002	4338	3727	4067	4220	5631	8397
65.0°	3566	3643	3319	3397	3445	4582	5797
70.0°	3301	3242	2927	2614	3013	3979	5691
75.0°	2865	2683	2619	2442	2712	3179	5180
80.0°	2404	2299	2211	2043	2141	2378	4039
85.0°	2033	1969	1925	1800	1713	1526	2303
90.0°	2055	2016	1970	1899	1770	1453	1949

Luminances in cd/m² based on 7920 lm

Candela distribution							
	0	15	30	45	60	75	90
0.0°	3371	3371	3371	3371	3371	3371	3371
10.0°	3281	3277	3277	3273	3280	3283	3284
20.0°	3018	3006	2999	2995	3016	3034	3044
30.0°	2622	2603	2613	2633	2640	2653	2684
40.0°	2087	2079	2074	2081	2108	2115	2136
50.0°	1223	1249	1083	1058	1057	1205	1162
60.0°	801	688	565	566	517	578	680
70.0°	474	460	393	316	310	323	328
80.0°	295	278	249	202	171	136	131
90.0°	201	194	173	140	97	46	13
100.0°	219	212	192	159	111	58	17
110.0°	227	220	201	170	128	78	42
120.0°	229	223	204	176	137	92	65
130.0°	223	218	201	176	143	104	87
140.0°	210	205	192	171	145	115	106
150.0°	192	187	178	163	145	120	120
160.0°	169	167	162	153	139	133	133
170.0°	145	142	139	140	140	139	141
180.0°	145	145	145	145	145	145	145

Intensities in cd based on 7920 lm