

Luminaire

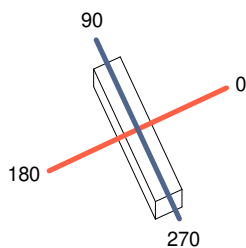
Code 90800L153
Name AVT L15W30 LIGHT+ 840 HO

Measurem.

Code 12/7/2023
Name AVT L15W30 LIGHT+ 840 HO

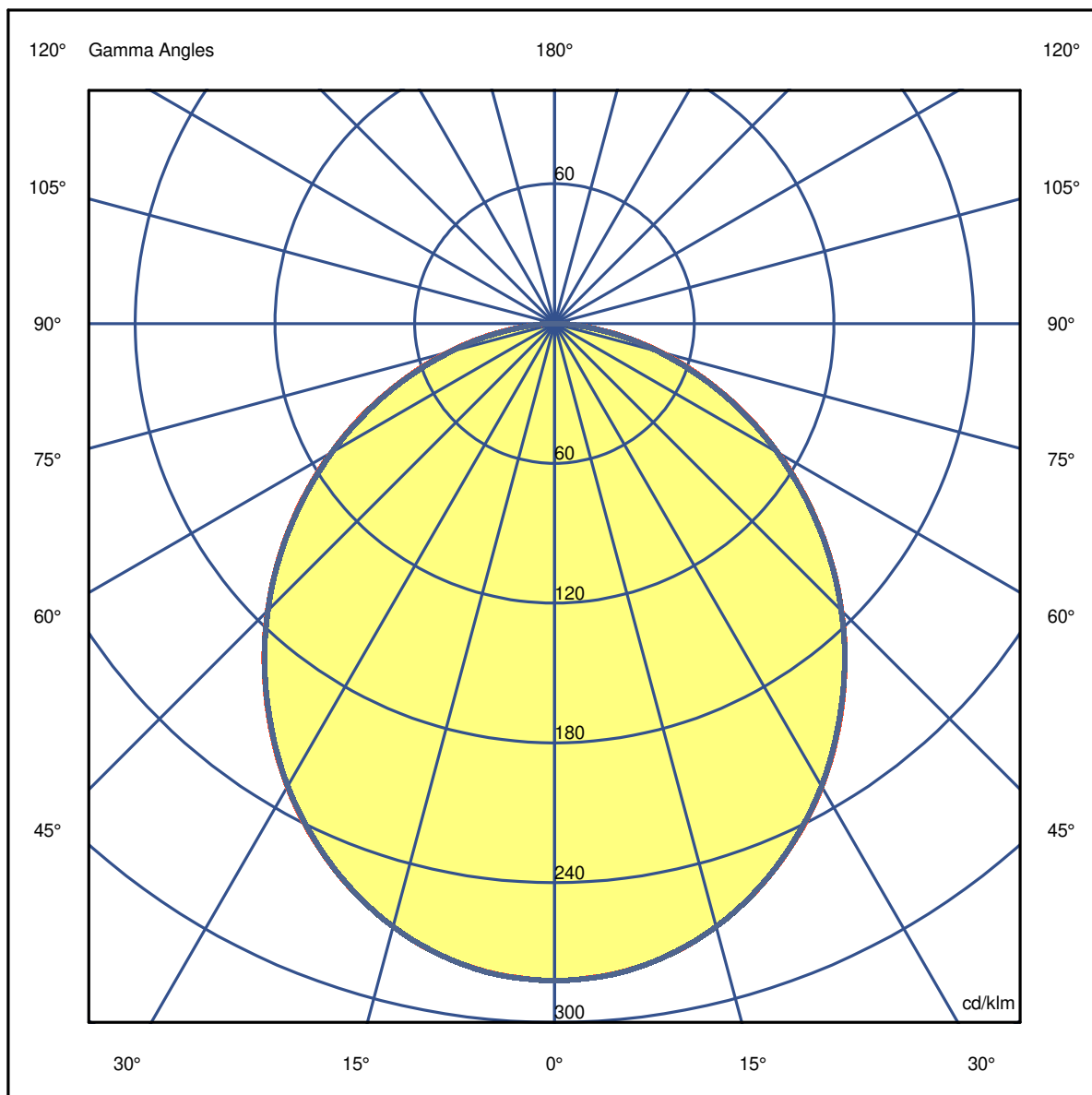
Luminaire Flux	9564 lm	Luminaire Power	73.8 W	Efficacy	129.647 lm/W	Efficiency	75.13%
Source Flux	12730 lm	Maximum value	282.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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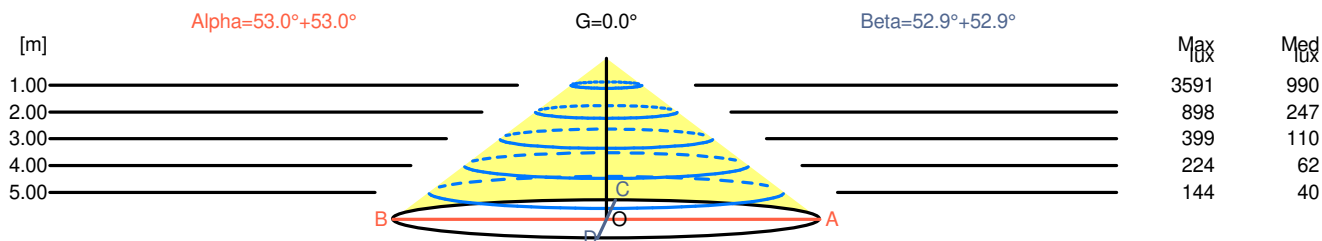
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Source Flux	12730 lm	Maximum value	282.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.33	2.65	3.98	5.31	6.63	OC	1.32	2.64	3.97	5.29	6.61
OB	1.33	2.65	3.98	5.31	6.63	OD	1.32	2.64	3.97	5.29	6.61

	0	5	15	25	35	45	55	65	75	85
OA	3591.13	3569.49	3411.64	3112.49	2702.58	2218.84	1685.45	1134.24	599.58	145.12
OB	3591.13	3569.49	3411.64	3112.49	2702.58	2218.84	1685.45	1134.24	599.58	145.12
OC	3591.13	3570.77	3411.64	3108.67	2698.76	2216.29	1680.36	1124.06	585.58	134.94
OD	3591.13	3570.77	3411.64	3108.67	2698.76	2216.29	1680.36	1124.06	585.58	134.94



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0
1.00	2.65	3591	990		
2.00	5.31	898	247		
3.00	7.96	399	110		
4.00	10.61	224	62		
5.00	13.26	144	40		

H[m]	D[m]	Max lux	Med lux	Beta=52.9°+52.9°	G=0.0
1.00	2.64	3591	990		
2.00	5.29	898	247		
3.00	7.93	399	110		
4.00	10.58	224	62		
5.00	13.22	144	40		

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Source Flux	12730 lm	Maximum value	282.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	18.7	20.0	19.0	20.2	20.5	19.6	20.9	19.9	21.1	21.3
x=2H y=3H	19.9	21.0	20.2	21.3	21.6	20.9	22.1	21.3	22.4	22.7
x=2H y=4H	20.3	21.4	20.6	21.6	21.9	21.5	22.6	21.8	22.9	23.1
x=2H y=6H	20.5	21.5	20.8	21.8	22.1	21.8	22.8	22.1	23.1	23.5
x=2H y=8H	20.5	21.5	20.9	21.8	22.2	21.9	22.9	22.3	23.2	23.5
x=2H y=12H	20.5	21.5	20.9	21.8	22.1	21.9	22.9	22.3	23.2	23.5
x=4H y=2H	19.3	20.4	19.7	20.7	21.0	20.0	21.1	20.3	21.4	21.7
x=4H y=3H	20.6	21.6	21.0	21.9	22.2	21.5	22.5	21.9	22.8	23.1
x=4H y=4H	21.1	22.0	21.5	22.3	22.7	22.2	23.0	22.5	23.4	23.7
x=4H y=6H	21.4	22.2	21.8	22.5	22.9	22.6	23.3	23.0	23.7	24.1
x=4H y=8H	21.5	22.2	21.9	22.6	23.0	22.7	23.4	23.2	23.8	24.2
x=4H y=12H	21.5	22.2	22.0	22.6	23.0	22.8	23.4	23.2	23.8	24.3
x=8H y=4H	21.3	22.0	21.8	22.4	22.8	22.3	23.0	22.7	23.3	23.8
x=8H y=6H	21.7	22.3	22.2	22.7	23.2	22.8	23.4	23.3	23.8	24.2
x=8H y=8H	21.9	22.3	22.3	22.8	23.3	23.0	23.5	23.5	23.9	24.4
x=8H y=12H	21.9	22.3	22.4	22.8	23.3	23.1	23.5	23.6	24.0	24.5
x=12H y=4H	21.3	22.0	21.8	22.4	22.8	22.3	22.9	22.7	23.3	23.7
x=12H y=6H	21.8	22.2	22.2	22.7	23.2	22.8	23.3	23.3	23.7	24.2
x=12H y=8H	21.9	22.3	22.4	22.8	23.3	23.0	23.4	23.5	23.9	24.4

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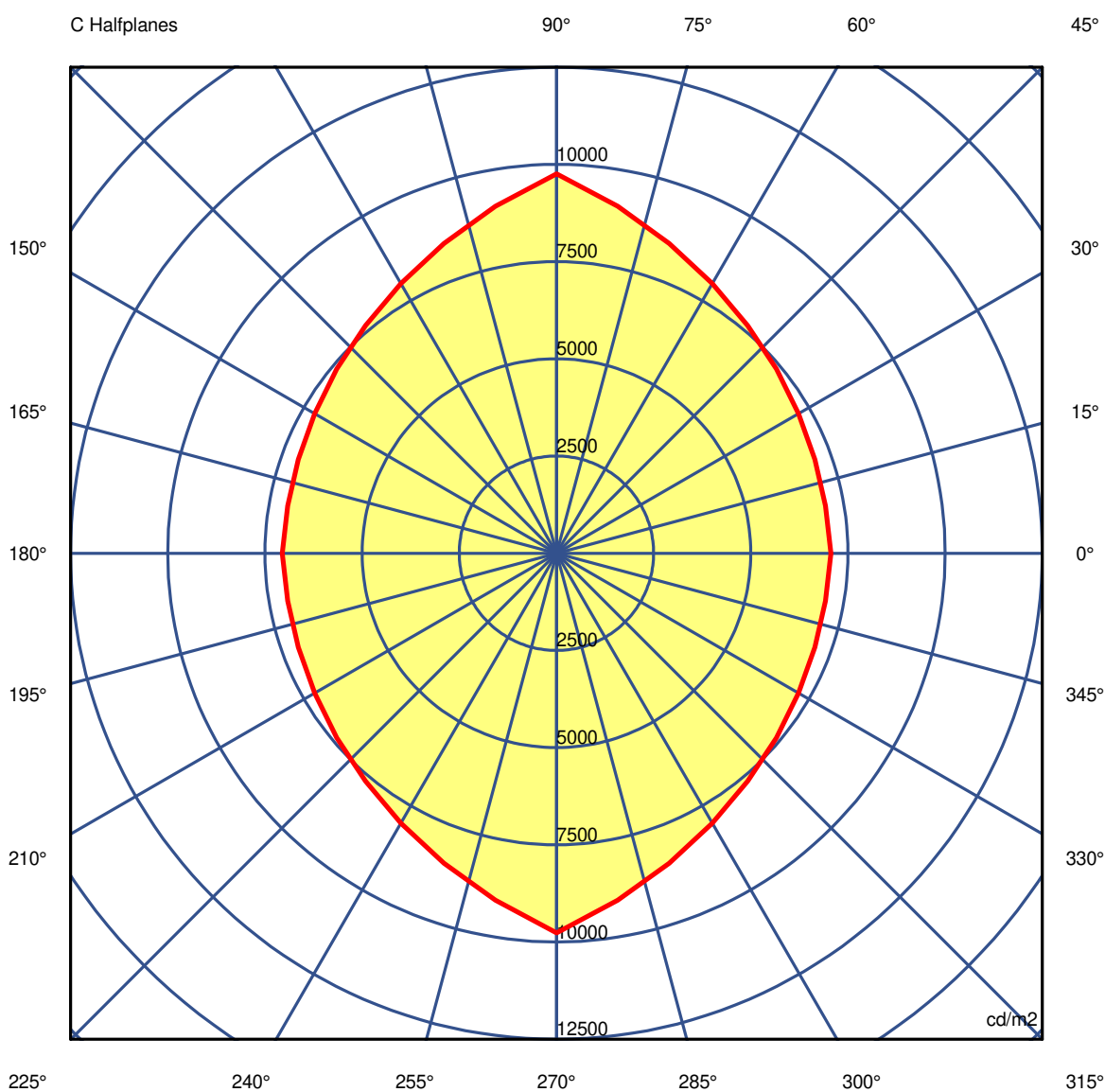
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Luminaire Flux	9564 lm	Luminaire Power	73.8 W	Efficacy	129.647 lm/W	Efficiency	75.13%
Source Flux	12730 lm	Maximum value	282.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	9564 lm		Luminaire Power		73.8 W		Efficacy		129.647 lm/W		Efficiency		75.13%	
Source Flux	12730 lm		Maximum value		282.10 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2 Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	
G 5.0	11482	11480	11490	11514	11551	11602	11666	11735	11813	11898	11813	11735	11666	
G 10.0	10966	10959	10978	11021	11087	11181	11300	11434	11586	11754	11586	11434	11300	
G 15.0	10440	10427	10449	10507	10606	10740	10905	11098	11321	11573	11321	11098	10905	
G 20.0	9898	9886	9915	9987	10106	10274	10485	10734	11020	11343	11020	10734	10485	
G 25.0	9353	9328	9362	9453	9593	9789	10040	10336	10683	11082	10683	10336	10040	
G 30.0	8801	8771	8807	8904	9062	9284	9569	9910	10319	10800	10319	9910	9569	
G 35.0	8224	8201	8243	8349	8518	8760	9076	9460	9923	10471	9923	9460	9076	
G 40.0	7647	7620	7661	7771	7956	8215	8556	8981	9502	10128	9502	8981	8556	
G 45.0	7055	7027	7070	7185	7378	7651	8012	8482	9061	9759	9061	8482	8012	
G 50.0	6440	6414	6461	6582	6774	7061	7451	7936	8556	9337	8556	7936	7451	
G 55.0	5795	5770	5815	5934	6136	6429	6825	7339	8005	8863	8005	7339	6825	
G 60.0	5113	5091	5138	5254	5447	5740	6148	6681	7387	8329	7387	6681	6148	
G 65.0	4391	4360	4397	4507	4701	4984	5376	5924	6668	7683	6668	5924	5376	
G 70.0	3595	3572	3610	3709	3886	4151	4525	5049	5798	6898	5798	5049	4525	
G 75.0	2751	2728	2758	2841	2986	3213	3551	4043	4781	5941	4781	4043	3551	
G 80.0	1832	1818	1842	1902	2008	2183	2453	2857	3512	4677	3512	2857	2453	
G 85.0	849	841	849	870	923	1018	1171	1422	1868	2820	1868	1422	1171	
G 90.0	88	87	88	93	101	116	139	181	272	583	272	181	139	

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Source Flux	12730 lm		Maximum value		282.10 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 2/3														
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	
G 0.0	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997	
G 5.0	11602	11551	11514	11490	11480	11482	11480	11490	11514	11551	11602	11666	11735	
G 10.0	11181	11087	11021	10978	10959	10966	10959	10978	11021	11087	11181	11300	11434	
G 15.0	10740	10606	10507	10449	10427	10440	10427	10449	10507	10606	10740	10905	11098	
G 20.0	10274	10106	9987	9915	9886	9898	9886	9915	9987	10106	10274	10485	10734	
G 25.0	9789	9593	9453	9362	9328	9353	9328	9362	9453	9593	9789	10040	10336	
G 30.0	9284	9062	8904	8807	8771	8801	8771	8807	8904	9062	9284	9569	9910	
G 35.0	8760	8518	8349	8243	8201	8224	8201	8243	8349	8518	8760	9076	9460	
G 40.0	8215	7956	7771	7661	7620	7647	7620	7661	7771	7956	8215	8556	8981	
G 45.0	7651	7378	7185	7070	7027	7055	7027	7070	7185	7378	7651	8012	8482	
G 50.0	7061	6774	6582	6461	6414	6440	6414	6461	6582	6774	7061	7451	7936	
G 55.0	6429	6136	5934	5815	5770	5795	5770	5815	5934	6136	6429	6825	7339	
G 60.0	5740	5447	5254	5138	5091	5113	5091	5138	5254	5447	5740	6148	6681	
G 65.0	4984	4701	4507	4397	4360	4391	4360	4397	4507	4701	4984	5376	5924	
G 70.0	4151	3886	3709	3610	3572	3595	3572	3610	3709	3886	4151	4525	5049	
G 75.0	3213	2986	2841	2758	2728	2751	2728	2758	2841	2986	3213	3551	4043	
G 80.0	2183	2008	1902	1842	1818	1832	1818	1842	1902	2008	2183	2453	2857	
G 85.0	1018	923	870	849	841	849	841	849	923	1018	1018	1171	1422	
G 90.0	116	101	93	88	87	88	87	88	93	101	116	139	181	

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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	11997	11997	11997	11997	11997	11997	11997	11997	11997	11997
G 5.0	11813	11898	11813	11735	11666	11602	11551	11514	11490	11480
G 10.0	11586	11754	11586	11434	11300	11181	11087	11021	10978	10959
G 15.0	11321	11573	11321	11098	10905	10740	10606	10507	10449	10427
G 20.0	11020	11343	11020	10734	10485	10274	10106	9987	9915	9886
G 25.0	10683	11082	10683	10336	10040	9789	9593	9453	9362	9328
G 30.0	10319	10800	10319	9910	9569	9284	9062	8904	8807	8771
G 35.0	9923	10471	9923	9460	9076	8760	8518	8349	8243	8201
G 40.0	9502	10128	9502	8981	8556	8215	7956	7771	7661	7620
G 45.0	9061	9759	9061	8482	8012	7651	7378	7185	7070	7027
G 50.0	8556	9337	8556	7936	7451	7061	6774	6582	6461	6414
G 55.0	8005	8863	8005	7339	6825	6429	6136	5934	5815	5770
G 60.0	7387	8329	7387	6681	6148	5740	5447	5254	5138	5091
G 65.0	6668	7683	6668	5924	5376	4984	4701	4507	4397	4360
G 70.0	5798	6898	5798	5049	4525	4151	3886	3709	3610	3572
G 75.0	4781	5941	4781	4043	3551	3213	2986	2841	2758	2728
G 80.0	3512	4677	3512	2857	2453	2183	2008	1902	1842	1818
G 85.0	1868	2820	1868	1422	1171	1018	923	870	849	841
G 90.0	272	583	272	181	139	116	101	93	88	87