

Luminaire

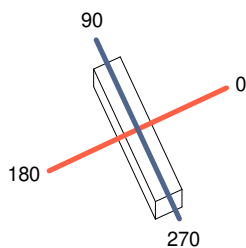
Code 90797L153
Name AVT L15W30 DAM K3 840 LO

Measurem.

Code 13/7/2023
Name AVT L15W30 DAM K3 840 LO

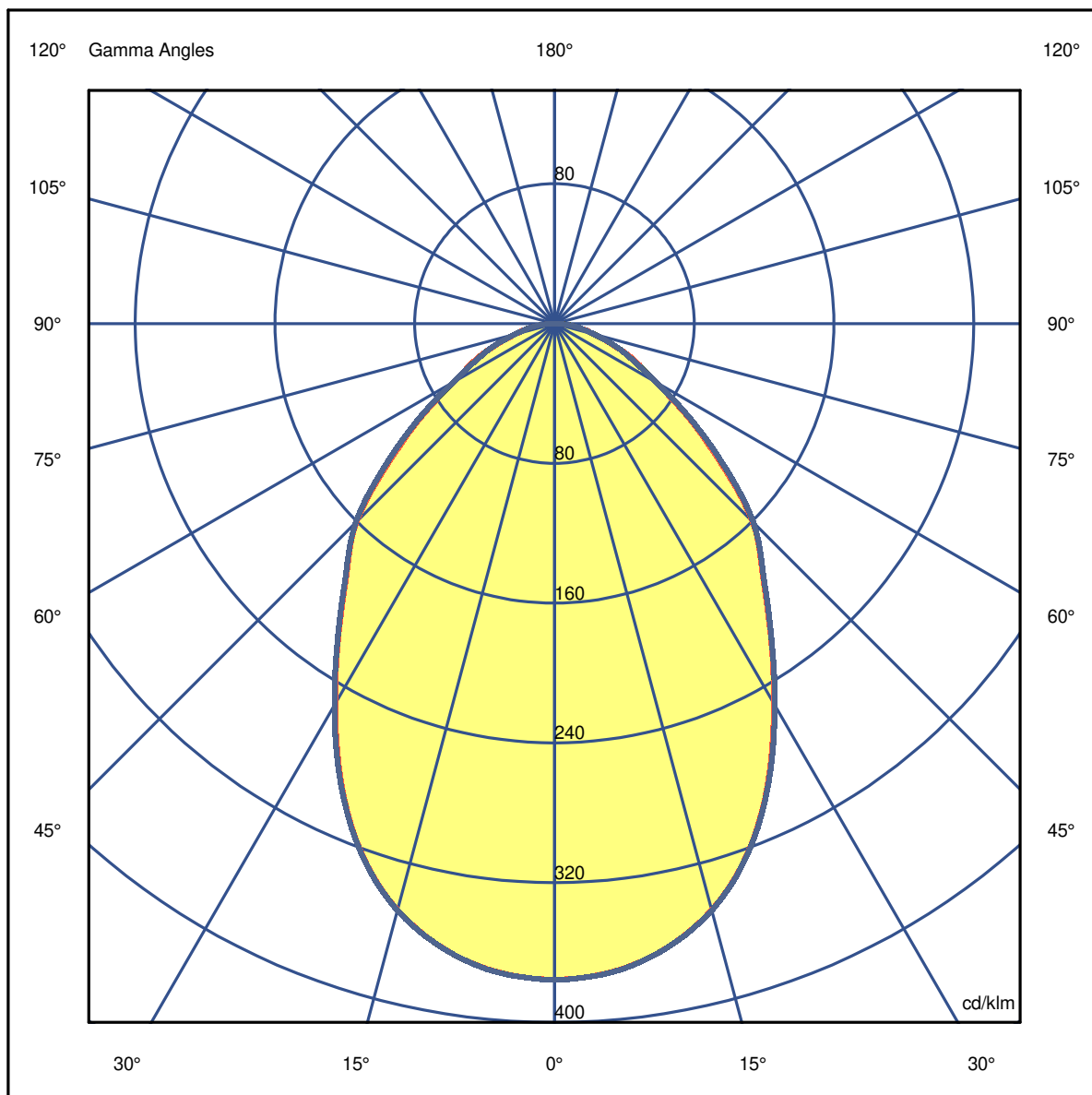
Luminaire Flux	5102 lm	Luminaire Power	42.2 W	Efficacy	120.984 lm/W	Efficiency	67.62%
Source Flux	7545 lm	Maximum value	375.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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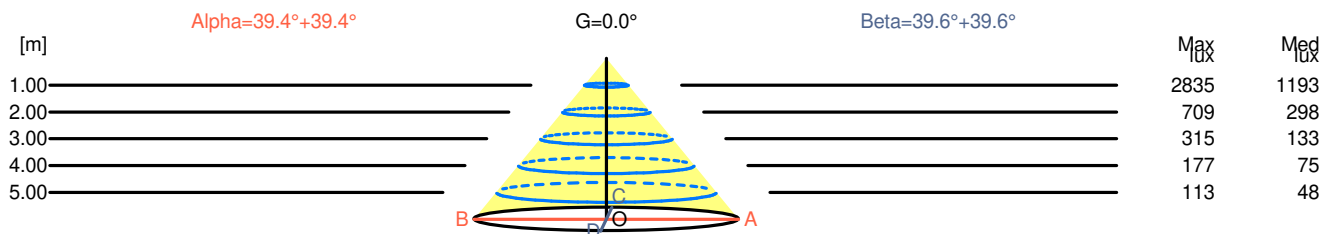
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Width at 50.00 % of Max Intensity

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	0.82	1.64	2.47	3.29	4.11	OC	0.83	1.65	2.48	3.31	4.14
OB	0.82	1.64	2.47	3.29	4.11	OD	0.83	1.65	2.48	3.31	4.14

	0	5	15	25	35	45	55	65	75	85
OA	2834.66	2811.27	2621.89	2182.01	1624.44	1210.22	706.21	385.55	175.04	54.32
OB	2834.66	2811.27	2621.89	2182.01	1624.44	1210.22	706.21	385.55	175.04	54.32
OC	2834.66	2812.02	2623.40	2188.05	1629.72	1214.74	717.53	374.23	174.29	53.57
OD	2834.66	2812.02	2623.40	2188.05	1629.72	1214.74	717.53	374.23	174.29	53.57



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0
1.00	1.64	2835	1193		
2.00	3.29	709	298		
3.00	4.93	315	133		
4.00	6.58	177	75		
5.00	8.22	113	48		

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0
1.00	1.65	2835	1193		
2.00	3.31	709	298		
3.00	4.96	315	133		
4.00	6.62	177	75		
5.00	8.27	113	48		

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Source Flux	7545 lm	Maximum value	375.70 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.9	16.0	15.2	16.3	16.5	15.8	16.9	16.0	17.1	17.3
x=2H y=3H	15.5	16.5	15.8	16.7	17.0	16.4	17.4	16.8	17.7	18.0
x=2H y=4H	15.6	16.6	16.0	16.9	17.1	16.7	17.7	17.0	17.9	18.2
x=2H y=6H	15.8	16.6	16.1	16.9	17.2	16.9	17.8	17.3	18.1	18.4
x=2H y=8H	15.8	16.6	16.2	16.9	17.2	17.0	17.9	17.4	18.2	18.5
x=2H y=12H	15.8	16.6	16.2	16.9	17.3	17.1	17.9	17.5	18.2	18.5
x=4H y=2H	15.1	16.1	15.4	16.3	16.6	15.8	16.8	16.2	17.1	17.3
x=4H y=3H	15.8	16.6	16.1	16.9	17.2	16.6	17.4	17.0	17.8	18.1
x=4H y=4H	16.0	16.7	16.4	17.1	17.4	17.0	17.7	17.4	18.0	18.4
x=4H y=6H	16.3	16.9	16.7	17.2	17.6	17.4	18.0	17.8	18.3	18.7
x=4H y=8H	16.3	16.9	16.7	17.3	17.7	17.5	18.0	17.9	18.4	18.8
x=4H y=12H	16.4	16.8	16.8	17.2	17.7	17.6	18.1	18.0	18.5	18.9
x=8H y=4H	16.1	16.7	16.5	17.0	17.5	17.0	17.6	17.5	18.0	18.4
x=8H y=6H	16.4	16.8	16.9	17.3	17.7	17.5	17.9	17.9	18.3	18.8
x=8H y=8H	16.5	16.9	17.0	17.4	17.8	17.7	18.1	18.1	18.5	19.0
x=8H y=12H	16.6	16.9	17.1	17.4	17.9	17.8	18.1	18.3	18.6	19.1
x=12H y=4H	16.1	16.6	16.5	17.0	17.4	17.0	17.5	17.5	17.9	18.4
x=12H y=6H	16.4	16.8	16.9	17.3	17.7	17.5	17.9	17.9	18.3	18.8
x=12H y=8H	16.5	16.9	17.0	17.4	17.8	17.7	18.0	18.2	18.5	19.0

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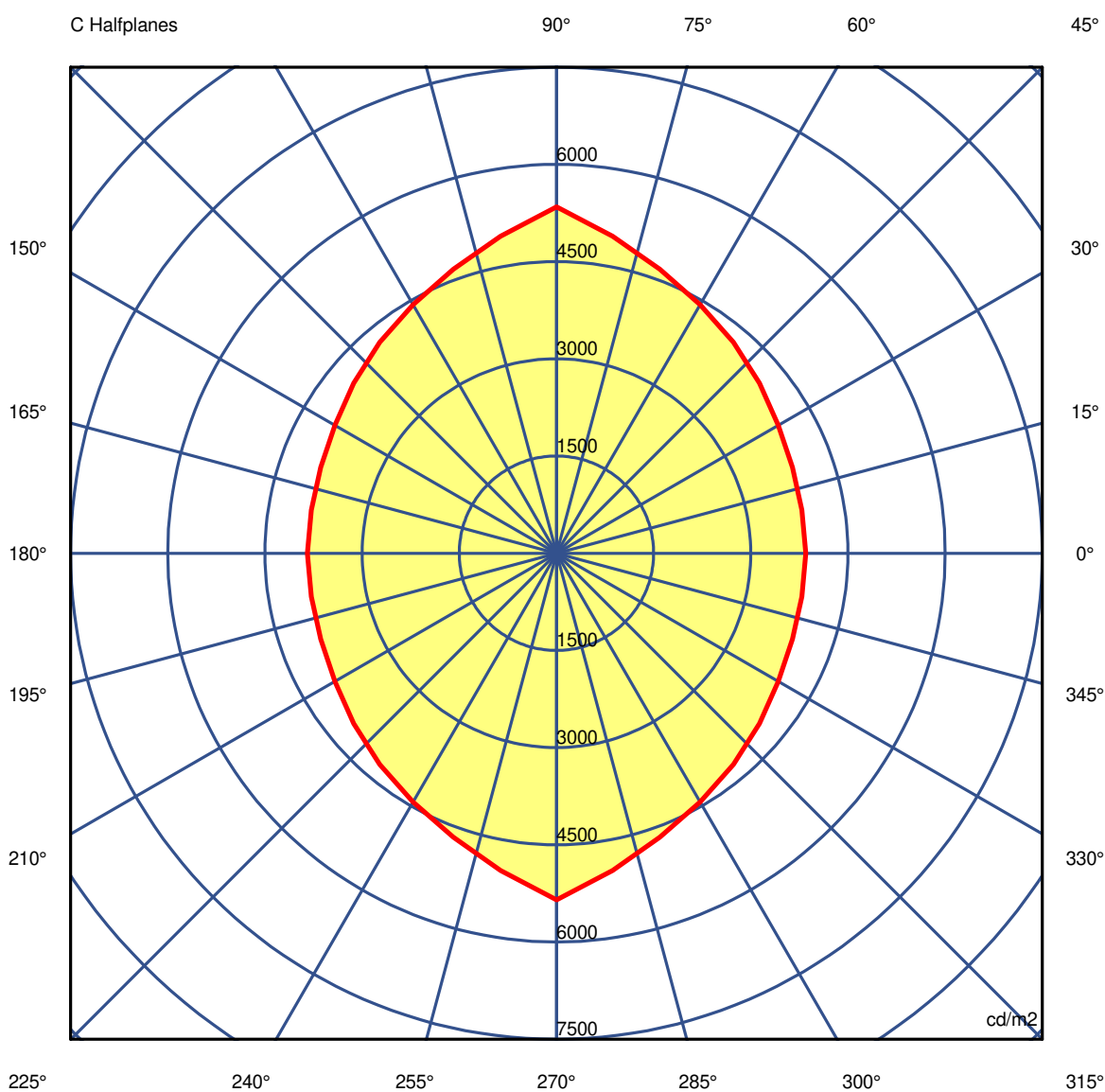
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Luminaire Flux	5102 lm	Luminaire Power	42.2 W	Efficacy	120.984 lm/W	Efficiency	67.62%
Source Flux	7545 lm	Maximum value	375.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	5102 lm	Luminaire Power		42.2 W		Efficacy		120.984 lm/W		Efficiency		67.62%	
Source Flux	7545 lm	Maximum value		375.70 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	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470
G 5.0	9043	9041	9049	9067	9094	9134	9184	9240	9303	9370	9303	9240	9184
G 10.0	8567	8560	8573	8607	8661	8735	8827	8934	9054	9185	9054	8934	8827
G 15.0	8023	8010	8025	8069	8145	8246	8371	8526	8704	8899	8704	8526	8371
G 20.0	7357	7343	7354	7395	7482	7610	7774	7974	8198	8442	8198	7974	7774
G 25.0	6557	6533	6555	6616	6708	6846	7031	7251	7507	7800	7507	7251	7031
G 30.0	5707	5697	5730	5805	5918	6067	6250	6470	6732	7038	6732	6470	6250
G 35.0	4943	4944	4987	5074	5203	5357	5531	5741	6004	6323	6004	5741	5531
G 40.0	4320	4324	4377	4475	4605	4754	4927	5149	5425	5758	5425	5149	4927
G 45.0	3848	3843	3874	3953	4090	4250	4429	4664	4968	5349	4968	4664	4429
G 50.0	3092	3045	3047	3112	3243	3386	3545	3788	4131	4574	4131	3788	3545
G 55.0	2428	2260	2200	2188	2111	2193	2486	2800	3207	3785	3207	2800	2486
G 60.0	1820	1664	1575	1539	1519	1613	1832	2079	2445	3008	2445	2079	1832
G 65.0	1493	1351	1266	1238	1246	1320	1469	1678	2020	2558	2020	1678	1469
G 70.0	1133	985	889	882	980	1040	1073	1285	1670	2222	1670	1285	1073
G 75.0	803	739	715	723	741	790	895	1075	1347	1768	1347	1075	895
G 80.0	595	581	565	570	640	712	775	912	1149	1550	1149	912	775
G 85.0	318	315	316	330	378	422	456	547	731	1120	731	547	456
G 90.0	36	36	37	39	42	48	58	75	113	242	113	75	58

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Source Flux	7545 lm		Maximum value		375.70 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	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470	
G 5.0	9134	9094	9067	9049	9041	9043	9041	9049	9067	9094	9134	9184	9240	
G 10.0	8735	8661	8607	8573	8560	8567	8560	8573	8607	8661	8735	8827	8934	
G 15.0	8246	8145	8069	8025	8010	8023	8010	8025	8069	8145	8246	8371	8526	
G 20.0	7610	7482	7395	7354	7343	7357	7343	7354	7395	7482	7610	7774	7974	
G 25.0	6846	6708	6616	6555	6533	6557	6533	6555	6616	6708	6846	7031	7251	
G 30.0	6067	5918	5805	5730	5697	5707	5697	5730	5805	5918	6067	6250	6470	
G 35.0	5357	5203	5074	4987	4944	4943	4944	4987	5074	5203	5357	5531	5741	
G 40.0	4754	4605	4475	4377	4324	4320	4324	4377	4475	4605	4754	4927	5149	
G 45.0	4250	4090	3953	3874	3843	3848	3843	3874	3953	4090	4250	4429	4664	
G 50.0	3386	3243	3112	3047	3045	3092	3045	3047	3112	3243	3386	3545	3788	
G 55.0	2193	2111	2188	2200	2260	2428	2260	2200	2188	2111	2193	2486	2800	
G 60.0	1613	1519	1539	1575	1664	1820	1664	1575	1539	1519	1613	1832	2079	
G 65.0	1320	1246	1238	1266	1351	1493	1351	1266	1238	1246	1320	1469	1678	
G 70.0	1040	980	882	889	985	1133	985	889	882	980	1040	1073	1285	
G 75.0	790	741	723	715	739	803	739	715	723	741	790	895	1075	
G 80.0	712	640	570	565	581	595	581	565	570	640	712	775	912	
G 85.0	422	378	330	316	315	318	315	316	330	378	422	456	547	
G 90.0	48	42	39	37	36	36	36	37	39	42	48	58	75	

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Source Flux	7545 lm	Maximum value	375.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	9470	9470	9470	9470	9470	9470	9470	9470	9470	9470
G 5.0	9303	9370	9303	9240	9184	9134	9094	9067	9049	9041
G 10.0	9054	9185	9054	8934	8827	8735	8661	8607	8573	8560
G 15.0	8704	8899	8704	8526	8371	8246	8145	8069	8025	8010
G 20.0	8198	8442	8198	7974	7774	7610	7482	7395	7354	7343
G 25.0	7507	7800	7507	7251	7031	6846	6708	6616	6555	6533
G 30.0	6732	7038	6732	6470	6250	6067	5918	5805	5730	5697
G 35.0	6004	6323	6004	5741	5531	5357	5203	5074	4987	4944
G 40.0	5425	5758	5425	5149	4927	4754	4605	4475	4377	4324
G 45.0	4968	5349	4968	4664	4429	4250	4090	3953	3874	3843
G 50.0	4131	4574	4131	3788	3545	3386	3243	3112	3047	3045
G 55.0	3207	3785	3207	2800	2486	2193	2111	2188	2200	2260
G 60.0	2445	3008	2445	2079	1832	1613	1519	1539	1575	1664
G 65.0	2020	2558	2020	1678	1469	1320	1246	1238	1266	1351
G 70.0	1670	2222	1670	1285	1073	1040	980	882	889	985
G 75.0	1347	1768	1347	1075	895	790	741	723	715	739
G 80.0	1149	1550	1149	912	775	712	640	570	565	581
G 85.0	731	1120	731	547	456	422	378	330	316	315
G 90.0	113	242	113	75	58	48	42	39	37	36