

**Luminaire**

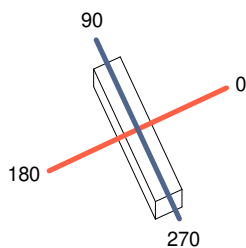
Code 90799L066  
Name AVT L15W30 DAM K3 840 HO

**Measurem.**

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

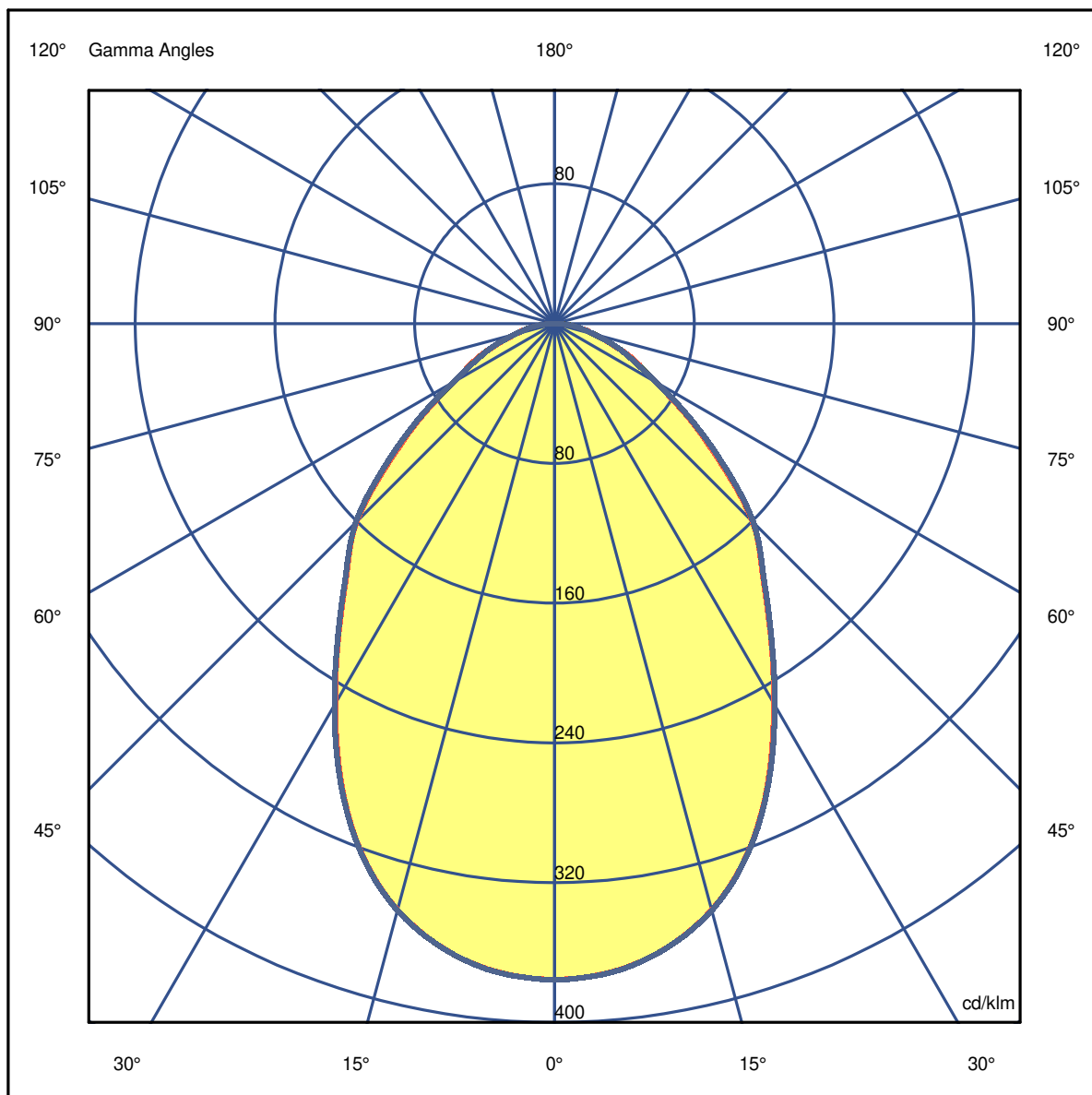
Luminaire Flux	8608 lm	Luminaire Power	73.8 W	Efficacy	116.686 lm/W	Efficiency	67.62%
Source Flux	12730 lm	Maximum value	375.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1497mm x 297mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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**Measur.**

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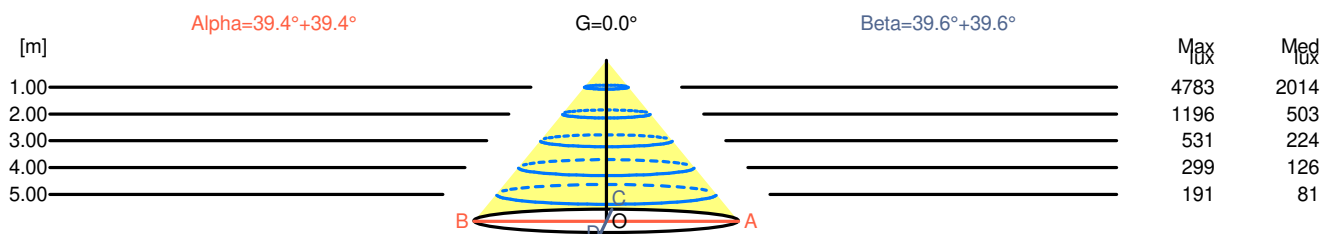
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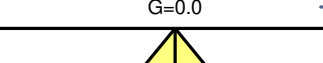
Width at 50.00 % of Max Intensity



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

Luminous Intensities [ cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	4782.66	4743.20	4423.68	3681.52	2740.77	2041.89	1191.53	650.50	295.34	91.66
OB	4782.66	4743.20	4423.68	3681.52	2740.77	2041.89	1191.53	650.50	295.34	91.66
OC	4782.66	4744.47	4426.22	3691.70	2749.68	2049.53	1210.62	631.41	294.06	90.38
OD	4782.66	4744.47	4426.22	3691.70	2749.68	2049.53	1210.62	631.41	294.06	90.38



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4°	G=0.0	
1.00	1.64	4783	2014			
2.00	3.29	1196	503			
3.00	4.93	531	224			
4.00	6.58	299	126			
5.00	8.22	191	81			

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0	
1.00	1.65	4783	2014			
2.00	3.31	1196	503			
3.00	4.96	531	224			
4.00	6.62	299	126			
5.00	8.27	191	81			

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**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	16.8	17.9	17.0	18.1	18.3	17.6	18.7	17.8	18.9	19.1
x=2H y=3H	17.3	18.3	17.6	18.6	18.8	18.3	19.3	18.6	19.5	19.8
x=2H y=4H	17.5	18.4	17.8	18.7	18.9	18.5	19.5	18.9	19.8	20.0
x=2H y=6H	17.6	18.5	17.9	18.7	19.0	18.8	19.6	19.1	19.9	20.2
x=2H y=8H	17.6	18.4	18.0	18.7	19.1	18.9	19.7	19.2	20.0	20.3
x=2H y=12H	17.6	18.4	18.0	18.7	19.1	18.9	19.7	19.3	20.0	20.4
x=4H y=2H	16.9	17.9	17.3	18.2	18.4	17.7	18.6	18.0	18.9	19.1
x=4H y=3H	17.6	18.4	17.9	18.7	19.0	18.5	19.3	18.8	19.6	19.9
x=4H y=4H	17.8	18.5	18.2	18.9	19.2	18.8	19.5	19.2	19.9	20.2
x=4H y=6H	18.1	18.7	18.5	19.0	19.4	19.2	19.8	19.6	20.2	20.5
x=4H y=8H	18.1	18.7	18.5	19.1	19.5	19.3	19.9	19.7	20.3	20.7
x=4H y=12H	18.2	18.7	18.6	19.1	19.5	19.4	19.9	19.8	20.3	20.7
x=8H y=4H	17.9	18.5	18.3	18.9	19.3	18.9	19.4	19.3	19.8	20.2
x=8H y=6H	18.2	18.7	18.7	19.1	19.6	19.3	19.7	19.8	20.2	20.6
x=8H y=8H	18.3	18.7	18.8	19.2	19.7	19.5	19.9	19.9	20.3	20.8
x=8H y=12H	18.4	18.7	18.9	19.2	19.7	19.6	19.9	20.1	20.4	20.9
x=12H y=4H	17.9	18.4	18.4	18.8	19.2	18.8	19.3	19.3	19.7	20.2
x=12H y=6H	18.2	18.6	18.7	19.1	19.6	19.3	19.7	19.8	20.1	20.6
x=12H y=8H	18.4	18.7	18.9	19.2	19.7	19.5	19.8	20.0	20.3	20.8

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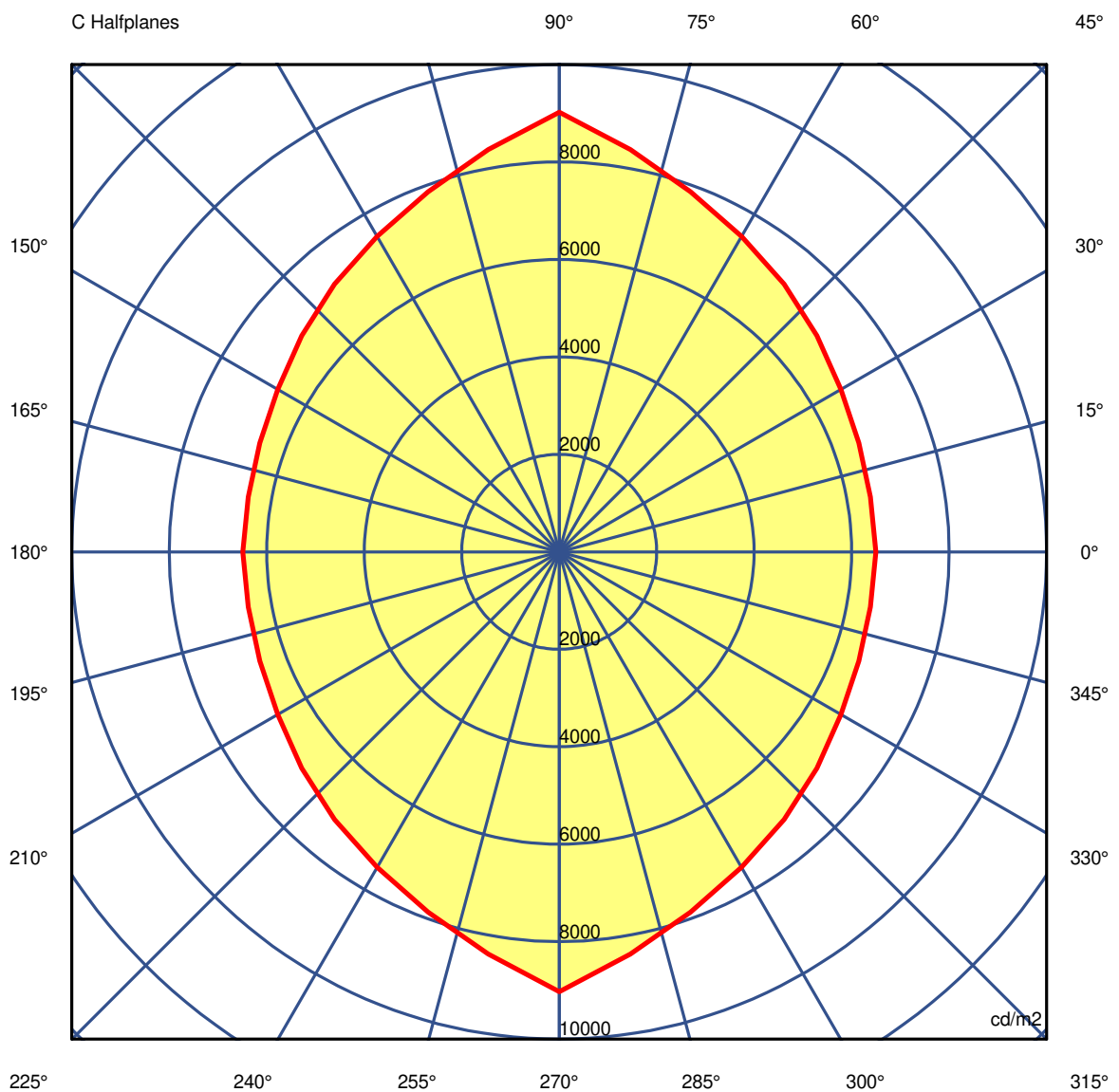
Code 90799L066  
Name AVT L15W30 DAM K3 840 HO

**Measurem.**

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Luminaire Flux	8608 lm	Luminaire Power	73.8 W	Efficacy	116.686 lm/W	Efficiency	67.62%
Source Flux	12730 lm	Maximum value	375.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	12730 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	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977
G 5.0	15257	15253	15268	15298	15344	15410	15495	15590	15696	15809	15696	15590	15495
G 10.0	14454	14442	14464	14522	14613	14737	14893	15073	15276	15497	15276	15073	14893
G 15.0	13537	13515	13540	13614	13742	13912	14123	14385	14685	15015	14685	14385	14123
G 20.0	12413	12389	12407	12478	12624	12839	13116	13453	13833	14244	13833	13453	13116
G 25.0	11064	11023	11059	11162	11318	11550	11863	12233	12665	13160	12665	12233	11863
G 30.0	9629	9613	9667	9794	9986	10236	10545	10917	11359	11874	11359	10917	10545
G 35.0	8340	8342	8414	8561	8779	9039	9333	9687	10129	10669	10129	9687	9333
G 40.0	7288	7296	7384	7551	7770	8020	8313	8687	9154	9714	9154	8687	8313
G 45.0	6492	6484	6537	6669	6901	7171	7473	7868	8382	9024	8382	7868	7473
G 50.0	5216	5138	5141	5250	5471	5714	5982	6392	6970	7718	6970	6392	5982
G 55.0	4097	3814	3711	3691	3562	3700	4194	4724	5411	6386	5411	4724	4194
G 60.0	3071	2807	2657	2596	2563	2721	3090	3508	4126	5074	4126	3508	3090
G 65.0	2518	2279	2136	2088	2102	2227	2479	2832	3408	4316	3408	2832	2479
G 70.0	1912	1662	1499	1488	1653	1755	1810	2168	2818	3750	2818	2168	1810
G 75.0	1355	1248	1206	1220	1250	1333	1511	1813	2273	2983	2273	1813	1511
G 80.0	1004	981	953	961	1079	1201	1307	1538	1938	2616	1938	1538	1307
G 85.0	536	531	534	556	638	711	770	923	1233	1889	1233	923	770
G 90.0	61	61	62	65	71	81	97	127	191	408	191	127	97

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Source Flux	12730 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	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977
G 5.0	15410	15344	15298	15268	15253	15257	15253	15268	15298	15344	15410	15495	15590
G 10.0	14737	14613	14522	14464	14442	14454	14442	14464	14522	14613	14737	14893	15073
G 15.0	13912	13742	13614	13540	13515	13537	13515	13540	13614	13742	13912	14123	14385
G 20.0	12839	12624	12478	12407	12389	12413	12389	12407	12478	12624	12839	13116	13453
G 25.0	11550	11318	11162	11059	11023	11064	11023	11059	11162	11318	11550	11863	12233
G 30.0	10236	9986	9794	9667	9613	9629	9613	9667	9794	9986	10236	10545	10917
G 35.0	9039	8779	8561	8414	8342	8340	8342	8414	8561	8779	9039	9333	9687
G 40.0	8020	7770	7551	7384	7296	7288	7296	7384	7551	7770	8020	8313	8687
G 45.0	7171	6901	6669	6537	6484	6492	6484	6537	6669	6901	7171	7473	7868
G 50.0	5714	5471	5250	5141	5138	5216	5138	5141	5250	5471	5714	5982	6392
G 55.0	3700	3562	3691	3711	3814	4097	3814	3711	3691	3562	3700	4194	4724
G 60.0	2721	2563	2596	2657	2807	3071	2807	2657	2596	2563	2721	3090	3508
G 65.0	2227	2102	2088	2136	2279	2518	2279	2136	2088	2102	2227	2479	2832
G 70.0	1755	1653	1488	1499	1662	1912	1662	1499	1488	1653	1755	1810	2168
G 75.0	1333	1250	1220	1206	1248	1355	1248	1206	1250	1333	1511	1813	2183
G 80.0	1201	1079	961	953	981	1004	981	953	961	1079	1201	1307	1538
G 85.0	711	638	556	534	531	536	531	534	556	638	711	770	923
G 90.0	81	71	65	62	61	61	61	62	65	71	81	97	127

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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	15977	15977	15977	15977	15977	15977	15977	15977	15977	15977
G 5.0	15696	15809	15696	15590	15495	15410	15344	15298	15268	15253
G 10.0	15276	15497	15276	15073	14893	14737	14613	14522	14464	14442
G 15.0	14685	15015	14685	14385	14123	13912	13742	13614	13540	13515
G 20.0	13833	14244	13833	13453	13116	12839	12624	12478	12407	12389
G 25.0	12665	13160	12665	12233	11863	11550	11318	11162	11059	11023
G 30.0	11359	11874	11359	10917	10545	10236	9986	9794	9667	9613
G 35.0	10129	10669	10129	9687	9333	9039	8779	8561	8414	8342
G 40.0	9154	9714	9154	8687	8313	8020	7770	7551	7384	7296
G 45.0	8382	9024	8382	7868	7473	7171	6901	6669	6537	6484
G 50.0	6970	7718	6970	6392	5982	5714	5471	5250	5141	5138
G 55.0	5411	6386	5411	4724	4194	3700	3562	3691	3711	3814
G 60.0	4126	5074	4126	3508	3090	2721	2563	2596	2657	2807
G 65.0	3408	4316	3408	2832	2479	2227	2102	2088	2136	2279
G 70.0	2818	3750	2818	2168	1810	1755	1653	1488	1499	1662
G 75.0	2273	2983	2273	1813	1511	1333	1250	1220	1206	1248
G 80.0	1938	2616	1938	1538	1307	1201	1079	961	953	981
G 85.0	1233	1889	1233	923	770	711	638	556	534	531
G 90.0	191	408	191	127	97	81	71	65	62	61