

Luminaire

Code 90800L066
Name AVT L60W60 LIGHT+ 840 HO

Measurem.

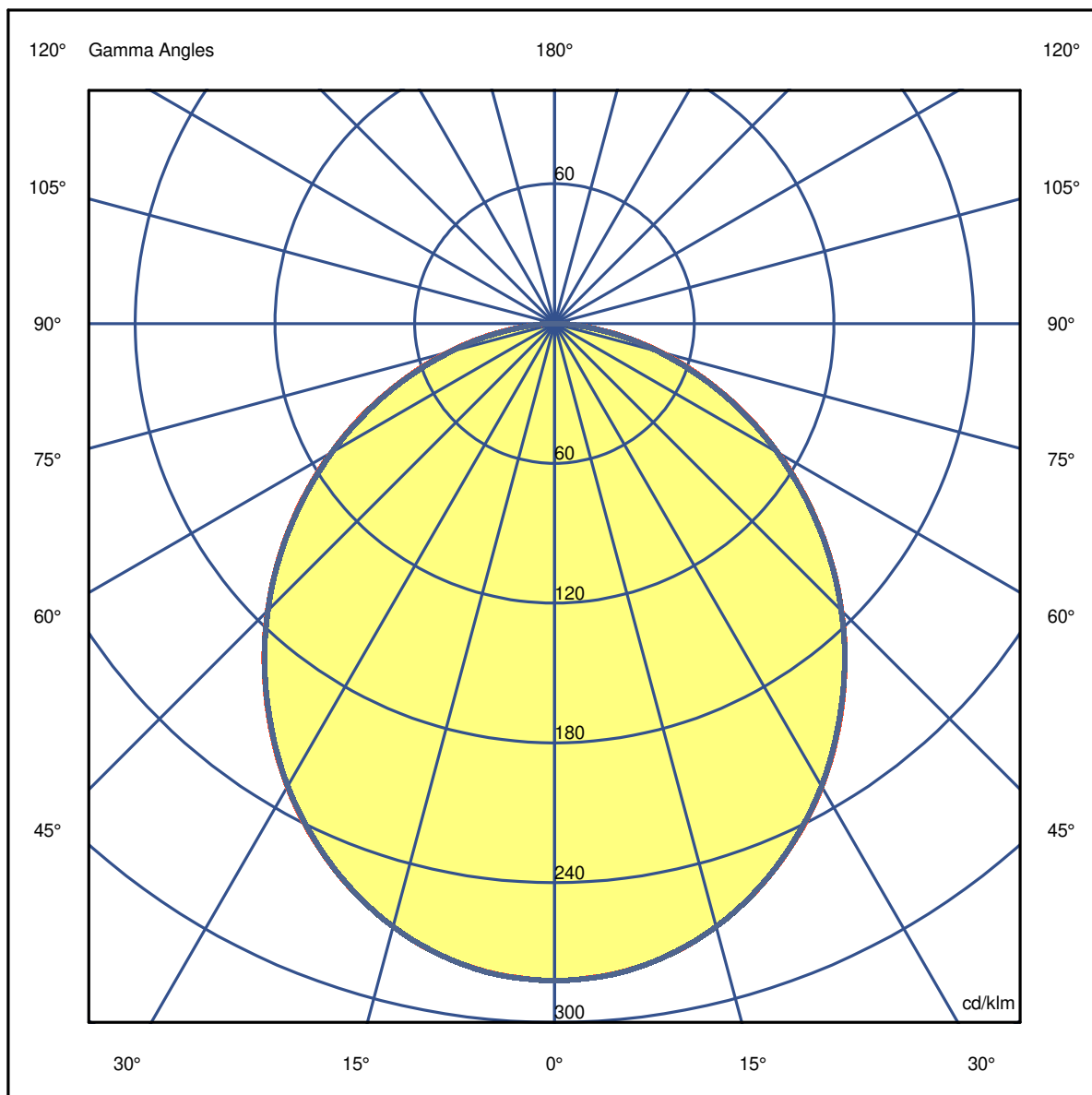
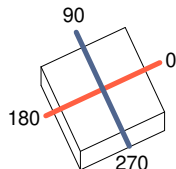
Code 12/7/2023
Name AVT L60W60 LIGHT+ 840 HO

Luminaire Flux	7651 lm	Luminaire Power	59.0 W	Efficacy	129.792 lm/W	Efficiency	75.13%
Source Flux	10184 lm	Maximum value	282.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

597mm x 597mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



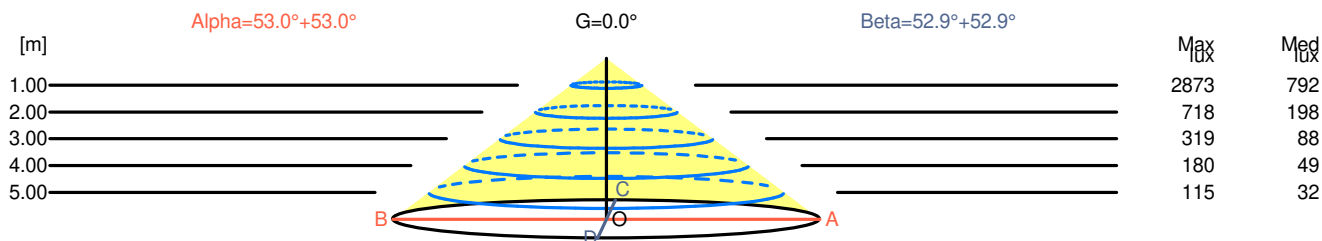
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Width at 50.00 % of Max Intensity

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	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	2872.91	2855.59	2729.31	2489.99	2162.06	1775.07	1348.36	907.39	479.67	116.10
OB	2872.91	2855.59	2729.31	2489.99	2162.06	1775.07	1348.36	907.39	479.67	116.10
OC	2872.91	2856.61	2729.31	2486.93	2159.01	1773.03	1344.29	899.25	468.46	107.95
OD	2872.91	2856.61	2729.31	2486.93	2159.01	1773.03	1344.29	899.25	468.46	107.95



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0
1.00	2.65	2873	792		
2.00	5.31	718	198		
3.00	7.96	319	88		
4.00	10.61	180	49		
5.00	13.26	115	32		

H[m]	D[m]	Max lux	Med lux	Beta=52.9°+52.9°	G=0.0
1.00	2.64	2873	792		
2.00	5.29	718	198		
3.00	7.93	319	88		
4.00	10.58	180	49		
5.00	13.22	115	32		

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Source Flux	10184 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	19.1	20.4	19.4	20.6	20.9	19.1	20.4	19.4	20.6	20.9
x=2H y=3H	20.4	21.6	20.7	21.9	22.1	20.4	21.6	20.7	21.8	22.1
x=2H y=4H	20.9	22.0	21.2	22.3	22.6	20.8	21.9	21.2	22.2	22.5
x=2H y=6H	21.2	22.2	21.5	22.5	22.8	21.1	22.1	21.5	22.4	22.8
x=2H y=8H	21.2	22.2	21.6	22.6	22.9	21.2	22.2	21.5	22.5	22.8
x=2H y=12H	21.3	22.2	21.6	22.5	22.9	21.2	22.1	21.6	22.5	22.8
x=4H y=2H	19.7	20.8	20.0	21.1	21.4	19.7	20.8	20.0	21.1	21.3
x=4H y=3H	21.1	22.1	21.5	22.4	22.7	21.1	22.0	21.5	22.4	22.7
x=4H y=4H	21.7	22.5	22.1	22.9	23.3	21.7	22.5	22.1	22.9	23.2
x=4H y=6H	22.1	22.8	22.5	23.2	23.6	22.0	22.8	22.4	23.1	23.5
x=4H y=8H	22.2	22.9	22.6	23.3	23.7	22.1	22.8	22.6	23.2	23.6
x=4H y=12H	22.3	22.9	22.7	23.3	23.7	22.2	22.8	22.6	23.2	23.6
x=8H y=4H	21.9	22.6	22.3	23.0	23.4	21.8	22.5	22.3	22.9	23.3
x=8H y=6H	22.4	22.9	22.8	23.4	23.8	22.3	22.9	22.8	23.3	23.7
x=8H y=8H	22.5	23.0	23.0	23.5	23.9	22.5	22.9	22.9	23.4	23.9
x=8H y=12H	22.6	23.0	23.1	23.5	24.0	22.5	23.0	23.0	23.4	23.9
x=12H y=4H	21.9	22.5	22.4	22.9	23.4	21.9	22.5	22.3	22.9	23.3
x=12H y=6H	22.4	22.9	22.9	23.3	23.8	22.3	22.8	22.8	23.3	23.7
x=12H y=8H	22.6	23.0	23.1	23.5	24.0	22.5	22.9	23.0	23.4	23.9

Luminaire

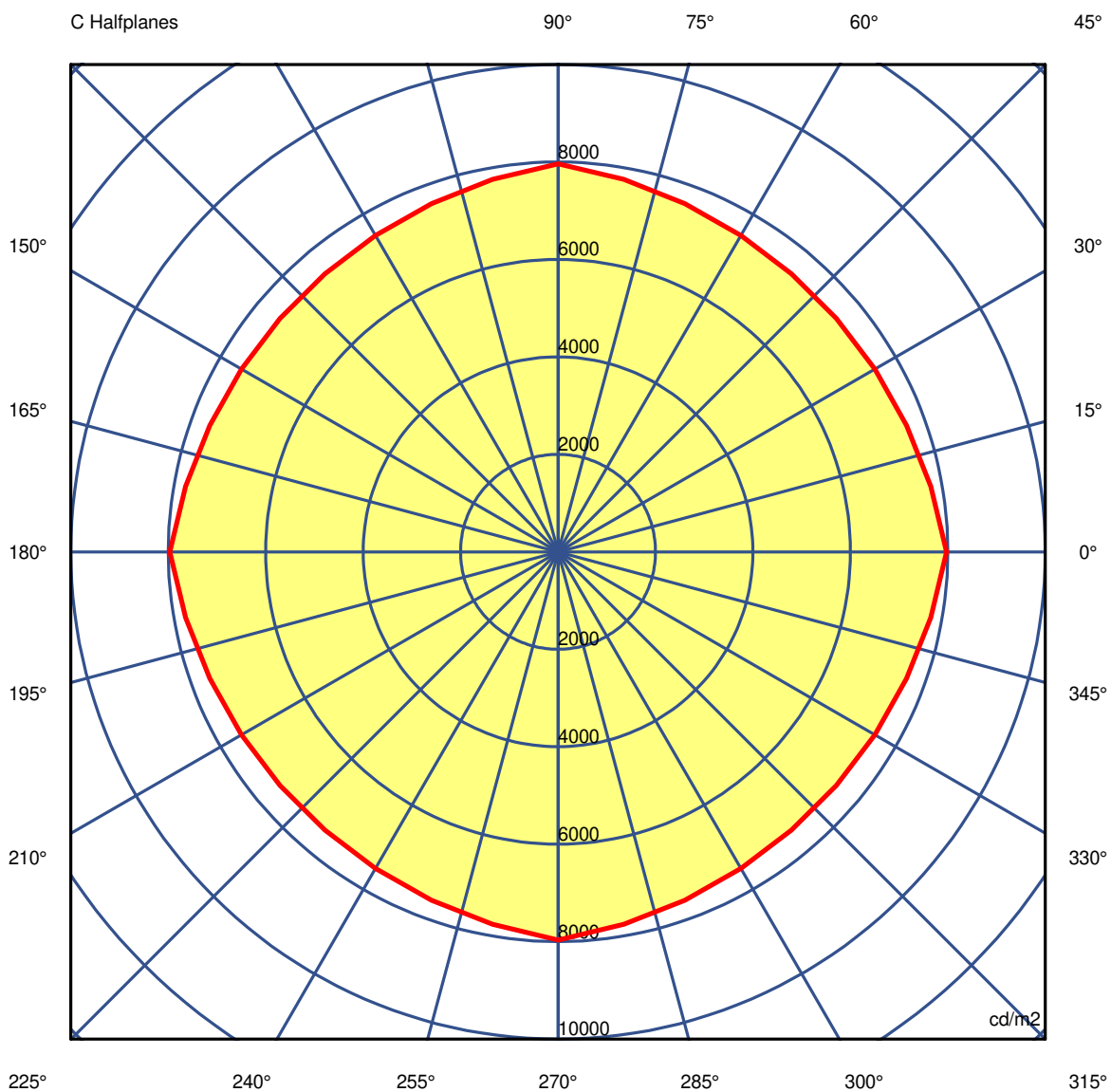
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Luminaire Flux	7651 lm	Luminaire Power	59.0 W	Efficacy	129.792 lm/W	Efficiency	75.13%
Source Flux	10184 lm	Maximum value	282.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Source Flux	10184 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	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	
G 5.0	10746	10719	10697	10682	10674	10676	10686	10699	10720	10750	10720	10699	10686	
G 10.0	10503	10449	10407	10377	10359	10359	10377	10404	10447	10503	10447	10404	10377	
G 15.0	10227	10145	10081	10036	10016	10019	10040	10079	10142	10227	10142	10079	10040	
G 20.0	9915	9813	9731	9674	9646	9648	9678	9730	9808	9912	9808	9730	9678	
G 25.0	9582	9447	9349	9286	9253	9255	9290	9351	9443	9570	9443	9351	9290	
G 30.0	9224	9065	8949	8874	8836	8838	8878	8948	9058	9212	9058	8948	8878	
G 35.0	8825	8656	8529	8444	8398	8399	8444	8524	8646	8813	8646	8524	8444	
G 40.0	8413	8222	8078	7983	7936	7936	7983	8073	8212	8400	8212	8073	7983	
G 45.0	7972	7763	7607	7503	7453	7451	7499	7606	7762	7963	7762	7606	7499	
G 50.0	7493	7270	7106	6998	6936	6938	6998	7097	7256	7478	7256	7097	6998	
G 55.0	6966	6728	6553	6435	6379	6379	6435	6543	6711	6945	6711	6543	6435	
G 60.0	6379	6132	5951	5827	5761	5760	5822	5934	6108	6356	6108	5934	5822	
G 65.0	5722	5453	5257	5130	5071	5068	5119	5239	5422	5671	5422	5239	5119	
G 70.0	4938	4674	4484	4356	4293	4288	4336	4440	4615	4872	4615	4440	4336	
G 75.0	4038	3776	3591	3468	3399	3386	3431	3531	3697	3944	3697	3531	3431	
G 80.0	2936	2708	2549	2440	2376	2362	2396	2471	2606	2821	2606	2471	2396	
G 85.0	1540	1387	1278	1195	1151	1142	1163	1212	1298	1432	1298	1212	1163	
G 90.0	193	167	151	141	137	137	141	151	167	193	167	151	141	

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Luminaire Flux		7651 lm		Luminaire Power		59.0 W		Efficacy		129.792 lm/W		Efficiency		75.13%											
Source Flux		10184 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	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959
G 5.0	10676	10674	10682	10697	10719	10746	10719	10697	10682	10674	10676	10676	10686	10699	10719	10746	10719	10697	10682	10674	10676	10676	10686	10699	10719
G 10.0	10359	10359	10377	10407	10449	10503	10449	10407	10377	10359	10359	10359	10377	10404	10449	10503	10449	10407	10377	10359	10359	10359	10377	10404	10449
G 15.0	10019	10016	10036	10081	10145	10227	10145	10081	10036	10016	10019	10019	10040	10079	10145	10227	10145	10081	10036	10016	10019	10019	10040	10079	10145
G 20.0	9648	9646	9674	9731	9813	9915	9813	9731	9674	9646	9648	9648	9678	9730	9813	9915	9813	9731	9674	9646	9648	9648	9678	9730	9813
G 25.0	9255	9253	9286	9349	9447	9582	9447	9349	9286	9253	9255	9255	9290	9351	9447	9582	9447	9349	9286	9253	9255	9255	9290	9351	9447
G 30.0	8838	8836	8874	8949	9065	9224	9065	8949	8874	8836	8838	8838	8878	8948	9065	9224	9065	8949	8874	8836	8838	8838	8878	8948	9065
G 35.0	8399	8398	8444	8529	8656	8825	8656	8529	8444	8398	8399	8399	8444	8524	8656	8825	8656	8529	8444	8398	8399	8399	8444	8524	8656
G 40.0	7936	7936	7983	8078	8222	8413	8222	8078	7983	7936	7936	7936	7983	8073	8222	8413	8222	8078	7983	7936	7936	7936	7983	8073	8222
G 45.0	7451	7453	7503	7607	7763	7972	7763	7607	7503	7453	7451	7451	7499	7606	7763	7972	7763	7607	7503	7453	7451	7451	7499	7606	7763
G 50.0	6938	6936	6998	7106	7270	7493	7270	7106	6998	6936	6938	6938	6998	7097	7270	7493	7270	7106	6998	6936	6938	6938	6998	7097	7270
G 55.0	6379	6379	6435	6553	6728	6966	6728	6553	6435	6379	6379	6379	6435	6543	6728	6966	6728	6553	6435	6379	6379	6379	6435	6543	6728
G 60.0	5760	5761	5827	5951	6132	6379	6132	5951	5827	5761	5760	5760	5822	5934	6132	6379	6132	5951	5827	5761	5760	5760	5822	5934	6132
G 65.0	5068	5071	5130	5257	5453	5722	5453	5257	5130	5071	5068	5068	5119	5239	5453	5722	5453	5257	5130	5071	5068	5068	5119	5239	5453
G 70.0	4288	4293	4356	4484	4674	4938	4674	4484	4356	4293	4288	4288	4336	4440	4674	4938	4674	4484	4356	4293	4288	4288	4336	4440	4674
G 75.0	3386	3399	3468	3591	3776	4038	3776	3591	3468	3399	3386	3386	3431	3531	3776	4038	3776	3591	3468	3399	3386	3386	3431	3531	3776
G 80.0	2362	2376	2440	2549	2708	2936	2708	2549	2440	2376	2362	2362	2396	2471	2708	2936	2708	2549	2440	2376	2362	2362	2396	2471	2708
G 85.0	1142	1151	1195	1278	1387	1540	1387	1278	1195	1151	1142	1142	1163	1212	1387	1540	1387	1278	1195	1151	1142	1142	1163	1212	1387
G 90.0	137	137	141	151	167	193	167	151	141	137	137	137	141	151	167	193	167	151	141	137	137	137	141	151	167

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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	10959	10959	10959	10959	10959	10959	10959	10959	10959	10959
G 5.0	10720	10750	10720	10699	10686	10676	10674	10682	10697	10719
G 10.0	10447	10503	10447	10404	10377	10359	10359	10377	10407	10449
G 15.0	10142	10227	10142	10079	10040	10019	10016	10036	10081	10145
G 20.0	9808	9912	9808	9730	9678	9648	9646	9674	9731	9813
G 25.0	9443	9570	9443	9351	9290	9255	9253	9286	9349	9447
G 30.0	9058	9212	9058	8948	8878	8838	8836	8874	8949	9065
G 35.0	8646	8813	8646	8524	8444	8399	8398	8444	8529	8656
G 40.0	8212	8400	8212	8073	7983	7936	7936	7983	8078	8222
G 45.0	7762	7963	7762	7606	7499	7451	7453	7503	7607	7763
G 50.0	7256	7478	7256	7097	6998	6938	6936	6998	7106	7270
G 55.0	6711	6945	6711	6543	6435	6379	6379	6435	6553	6728
G 60.0	6108	6356	6108	5934	5822	5760	5761	5827	5951	6132
G 65.0	5422	5671	5422	5239	5119	5068	5071	5130	5257	5453
G 70.0	4615	4872	4615	4440	4336	4288	4293	4356	4484	4674
G 75.0	3697	3944	3697	3531	3431	3386	3399	3468	3591	3776
G 80.0	2606	2821	2606	2471	2396	2362	2376	2440	2549	2708
G 85.0	1298	1432	1298	1212	1163	1142	1151	1195	1278	1387
G 90.0	167	193	167	151	141	137	137	141	151	167