

Luminaire

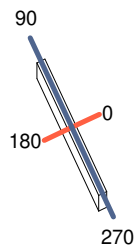
Code 90826L090
Name AVL L0841 DPT 840

Measurem.

Code 10/7/2023
Name AVL L0841 DPT 840

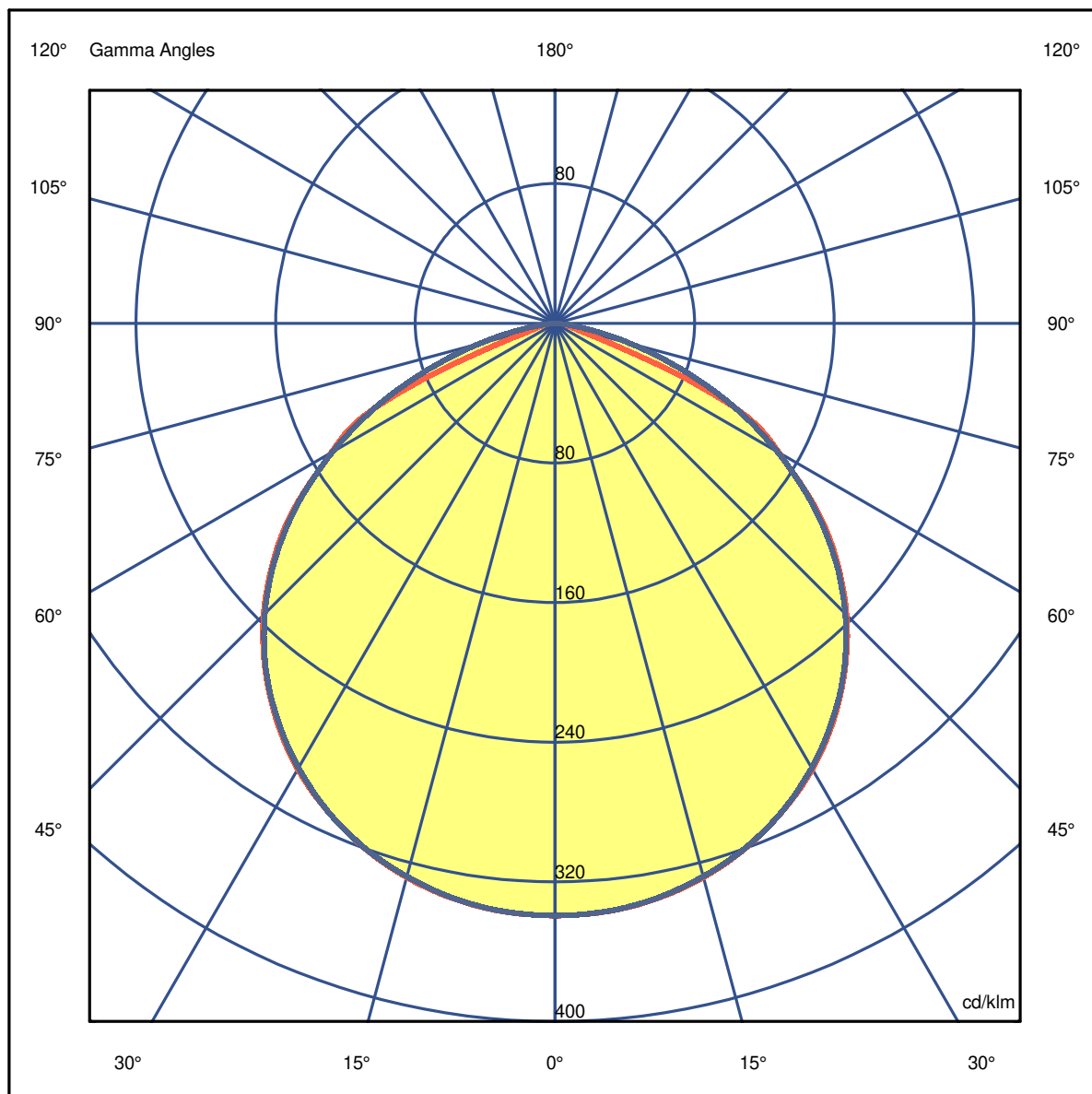
Luminaire Flux	2689 lm	Luminaire Power	18.4 W	Efficacy	146.567 lm/W	Efficiency	93.39%
Source Flux	2880 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

841mm x 52mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



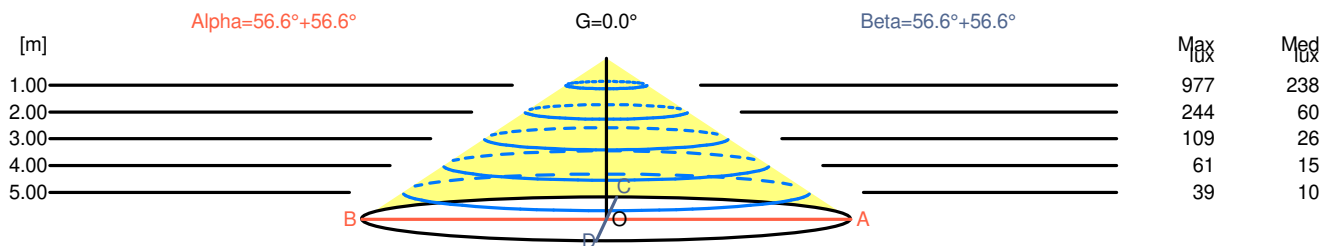
LuminaireCode 90826L090
Name AVL L0841 DPT 840**Measurem.**Code 10/7/2023
Name AVL L0841 DPT 840

Luminaire Flux	2689 lm	Luminaire Power	18.4 W	Efficacy	146.567 lm/W	Efficiency	93.39%
Source Flux	2880 lm	Maximum value	339.30 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	1.52	3.04	4.56	6.08	7.60	OC	1.51	3.03	4.54	6.06	7.57
OB	1.52	3.04	4.56	6.08	7.60	OD	1.51	3.03	4.54	6.06	7.57

	0	5	15	25	35	45	55	65	75	85
OA	977.18	974.30	946.37	888.19	800.64	680.26	521.28	324.00	34.85	11.81
OB	977.18	974.30	946.37	888.19	800.64	680.26	521.28	324.00	34.85	11.81
OC	977.18	973.73	944.64	887.62	798.05	677.09	517.25	326.02	129.60	12.38
OD	977.18	973.73	944.64	887.62	798.05	677.09	517.25	326.02	129.60	12.38



H[m]	D[m]	Max lux	Med lux	Alpha=56.6°+56.6°	G=0.0
1.00	3.04	977	238		
2.00	6.08	244	60		
3.00	9.12	109	26		
4.00	12.15	61	15		
5.00	15.19	39	10		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	977	238		
2.00	6.06	244	60		
3.00	9.09	109	26		
4.00	12.11	61	15		
5.00	15.14	39	10		

LuminaireCode 90826L090
Name AVL L0841 DPT 840**Measurem.**Code 10/7/2023
Name AVL L0841 DPT 840

Luminaire Flux	2689 lm	Luminaire Power	18.4 W	Efficacy	146.567 lm/W	Efficiency	93.39%
Source Flux	2880 lm	Maximum value	339.30 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	20.5	21.8	20.8	22.0	22.3	22.0	23.3	22.3	23.5	23.7
x=2H y=3H	21.0	22.2	21.3	22.4	22.7	23.2	24.3	23.5	24.6	24.9
x=2H y=4H	21.0	22.0	21.3	22.3	22.6	23.5	24.6	23.8	24.8	25.1
x=2H y=6H	20.9	21.9	21.2	22.2	22.5	23.6	24.6	24.0	24.9	25.2
x=2H y=8H	20.8	21.8	21.2	22.1	22.4	23.6	24.6	24.0	24.9	25.2
x=2H y=12H	20.8	21.7	21.2	22.1	22.4	23.6	24.5	24.0	24.8	25.2
x=4H y=2H	21.1	22.2	21.4	22.5	22.7	22.3	23.4	22.6	23.6	23.9
x=4H y=3H	21.7	22.6	22.1	22.9	23.2	23.6	24.5	24.0	24.8	25.2
x=4H y=4H	21.6	22.5	22.0	22.8	23.2	24.0	24.8	24.4	25.1	25.5
x=4H y=6H	21.6	22.3	22.0	22.7	23.0	24.1	24.8	24.6	25.2	25.6
x=4H y=8H	21.6	22.2	22.0	22.6	23.0	24.2	24.8	24.6	25.2	25.6
x=4H y=12H	21.5	22.1	22.0	22.5	22.9	24.1	24.7	24.6	25.1	25.5
x=8H y=4H	21.7	22.3	22.1	22.7	23.1	23.9	24.6	24.4	25.0	25.4
x=8H y=6H	21.6	22.1	22.1	22.6	23.0	24.1	24.6	24.6	25.1	25.5
x=8H y=8H	21.6	22.1	22.1	22.5	23.0	24.1	24.6	24.6	25.0	25.5
x=8H y=12H	21.6	22.0	22.1	22.4	22.9	24.1	24.5	24.6	25.0	25.5
x=12H y=4H	21.7	22.2	22.1	22.6	23.1	23.9	24.5	24.4	24.9	25.3
x=12H y=6H	21.6	22.1	22.1	22.5	23.0	24.1	24.5	24.5	25.0	25.5
x=12H y=8H	21.6	22.0	22.1	22.4	22.9	24.1	24.5	24.6	25.0	25.4

Luminaire

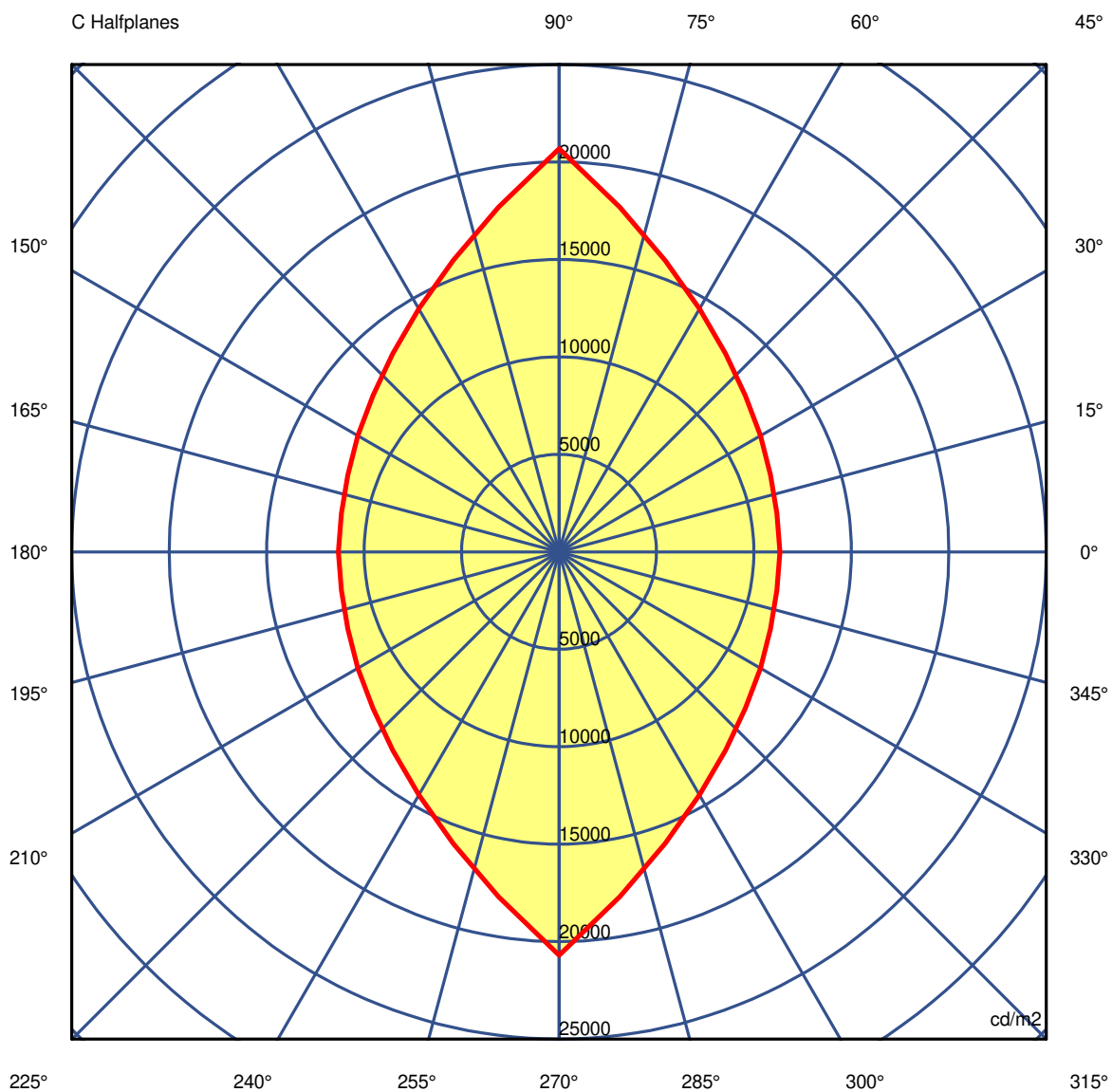
Code 90826L090
Name AVL L0841 DPT 840

Measurem.

Code 10/7/2023
Name AVL L0841 DPT 840

Luminaire Flux	2689 lm	Luminaire Power	18.4 W	Efficacy	146.567 lm/W	Efficiency	93.39%
Source Flux	2880 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90826L090
Name AVL L0841 DPT 840**Measurem.**Code 10/7/2023
Name AVL L0841 DPT 840

Luminaire Flux	2689 lm		Luminaire Power		18.4 W		Efficacy		146.567 lm/W		Efficiency		93.39%	
Source Flux	2880 lm		Maximum value		339.30 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	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	
G 5.0	20661	20650	20713	20830	20959	21145	21388	21638	21919	22237	21919	21638	21388	
G 10.0	19193	19191	19285	19473	19735	20070	20478	20957	21512	22134	21512	20957	20478	
G 15.0	17887	17898	18026	18267	18613	19072	19644	20323	21115	22019	21115	20323	19644	
G 20.0	16689	16708	16855	17134	17557	18125	18836	19694	20723	21933	20723	19694	18836	
G 25.0	15569	15593	15763	16079	16550	17197	18031	19057	20306	21803	20306	19057	18031	
G 30.0	14524	14534	14714	15066	15583	16291	17217	18386	19840	21629	19840	18386	17217	
G 35.0	13465	13484	13677	14046	14592	15346	16347	17638	19294	21404	19294	17638	16347	
G 40.0	12405	12436	12637	13012	13571	14343	15398	16837	18713	21130	18713	16837	15398	
G 45.0	11326	11350	11545	11922	12475	13277	14402	15921	17951	20690	17951	15921	14402	
G 50.0	10158	10173	10377	10765	11285	12081	13223	14788	16955	20042	16955	14788	13223	
G 55.0	8859	8891	9084	9452	10018	10773	11824	13426	15709	19037	15709	13426	11824	
G 60.0	7401	7441	7628	7981	8516	9206	10193	11811	14151	17599	14151	11811	10193	
G 65.0	5803	5823	5971	6277	6776	7420	8333	9859	12131	15680	12131	9859	8333	
G 70.0	1958	2090	2822	3993	4840	5454	6204	7493	9485	12830	9485	7493	6204	
G 75.0	682	684	656	723	1331	2521	3946	4887	6378	9405	6378	4887	3946	
G 80.0	442	444	457	484	529	533	795	2000	3594	5502	3594	2000	795	
G 85.0	263	270	277	284	296	323	358	401	664	1950	664	401	358	
G 90.0	147	142	145	156	169	188	227	314	509	1582	509	314	227	

LuminaireCode 90826L090
Name AVL L0841 DPT 840**Measurem.**Code 10/7/2023
Name AVL L0841 DPT 840

Luminaire Flux	2689 lm	Luminaire Power	18.4 W	Efficacy	146.567 lm/W	Efficiency	93.39%
Source Flux	2880 lm	Maximum value	339.30 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	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345
G 5.0	21145	20959	20830	20713	20650	20661	20650	20713	20830	20959	21145	21388	21638
G 10.0	20070	19735	19473	19285	19191	19193	19191	19285	19473	19735	20070	20478	20957
G 15.0	19072	18613	18267	18026	17898	17887	17898	18026	18267	18613	19072	19644	20323
G 20.0	18125	17557	17134	16855	16708	16689	16708	16855	17134	17557	18125	18836	19694
G 25.0	17197	16550	16079	15763	15593	15569	15593	15763	16079	16550	17197	18031	19057
G 30.0	16291	15583	15066	14714	14534	14524	14534	14714	15066	15583	16291	17217	18386
G 35.0	15346	14592	14046	13677	13484	13465	13484	13677	14046	14592	15346	16347	17638
G 40.0	14343	13571	13012	12637	12436	12405	12436	12637	13012	13571	14343	15398	16837
G 45.0	13277	12475	11922	11545	11350	11326	11350	11545	11922	12475	13277	14402	15921
G 50.0	12081	11285	10765	10377	10173	10158	10173	10377	10765	11285	12081	13223	14788
G 55.0	10773	10018	9452	9084	8891	8859	8891	9084	9452	10018	10773	11824	13426
G 60.0	9206	8516	7981	7628	7441	7401	7441	7628	7981	8516	9206	10193	11811
G 65.0	7420	6776	6277	5971	5823	5803	5823	5971	6277	6776	7420	8333	9859
G 70.0	5454	4840	3993	2822	2090	1958	2090	2822	3993	4840	5454	6204	7493
G 75.0	2521	1331	723	656	684	682	684	656	723	1331	2521	3946	4887
G 80.0	533	529	484	457	444	442	444	457	484	529	533	795	2000
G 85.0	323	296	284	277	270	263	270	277	284	296	323	358	401
G 90.0	188	169	156	145	142	147	142	145	156	169	188	227	314

LuminaireCode 90826L090
Name AVL L0841 DPT 840**Measurem.**Code 10/7/2023
Name AVL L0841 DPT 840

Luminaire Flux	2689 lm	Luminaire Power	18.4 W	Efficacy	146.567 lm/W	Efficiency	93.39%
Source Flux	2880 lm	Maximum value	339.30 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	22345	22345	22345	22345	22345	22345	22345	22345	22345	22345
G 5.0	21919	22237	21919	21638	21388	21145	20959	20830	20713	20650
G 10.0	21512	22134	21512	20957	20478	20070	19735	19473	19285	19191
G 15.0	21115	22019	21115	20323	19644	19072	18613	18267	18026	17898
G 20.0	20723	21933	20723	19694	18836	18125	17557	17134	16855	16708
G 25.0	20306	21803	20306	19057	18031	17197	16550	16079	15763	15593
G 30.0	19840	21629	19840	18386	17217	16291	15583	15066	14714	14534
G 35.0	19294	21404	19294	17638	16347	15346	14592	14046	13677	13484
G 40.0	18713	21130	18713	16837	15398	14343	13571	13012	12637	12436
G 45.0	17951	20690	17951	15921	14402	13277	12475	11922	11545	11350
G 50.0	16955	20042	16955	14788	13223	12081	11285	10765	10377	10173
G 55.0	15709	19037	15709	13426	11824	10773	10018	9452	9084	8891
G 60.0	14151	17599	14151	11811	10193	9206	8516	7981	7628	7441
G 65.0	12131	15680	12131	9859	8333	7420	6776	6277	5971	5823
G 70.0	9485	12830	9485	7493	6204	5454	4840	3993	2822	2090
G 75.0	6378	9405	6378	4887	3946	2521	1331	723	656	684
G 80.0	3594	5502	3594	2000	795	533	529	484	457	444
G 85.0	664	1950	664	401	358	323	296	284	277	270
G 90.0	509	1582	509	314	227	188	169	156	145	142