

Luminaire

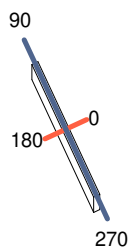
Code 90826L120
Name AVL L1121 DPT K3 840

Measurem.

Code 10/7/2023
Name AVL L1121 DPT K3 840

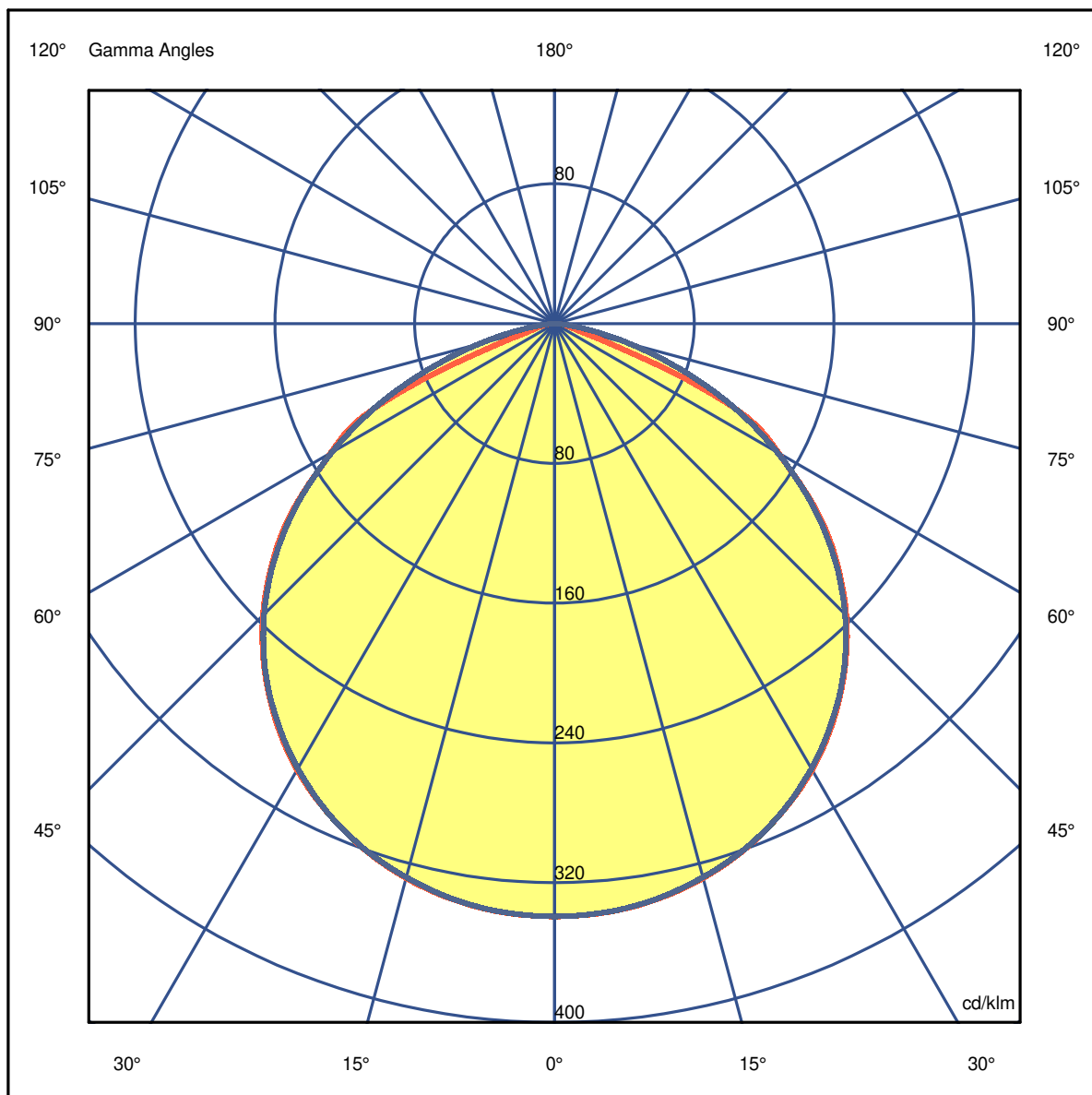
Luminaire Flux	3586 lm	Luminaire Power	23.8 W	Efficacy	150.546 lm/W	Efficiency	93.39%
Source Flux	3840 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1121mm x 52mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



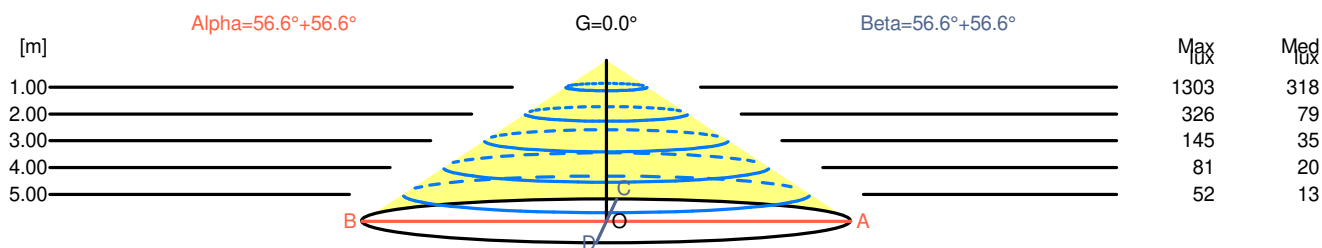
LuminaireCode 90826L120
Name AVL L1121 DPT K3 840**Measurem.**Code 10/7/2023
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Luminaire Flux	3586 lm	Luminaire Power	23.8 W	Efficacy	150.546 lm/W	Efficiency	93.39%
Source Flux	3840 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1302.91	1299.07	1261.82	1184.26	1067.52	907.01	695.04	432.00	46.46	15.74
OB	1302.91	1299.07	1261.82	1184.26	1067.52	907.01	695.04	432.00	46.46	15.74
OC	1302.91	1298.30	1259.52	1183.49	1064.06	902.78	689.66	434.69	172.80	16.51
OD	1302.91	1298.30	1259.52	1183.49	1064.06	902.78	689.66	434.69	172.80	16.51



H[m]	D[m]	Max lux	Med lux	Alpha=56.6°+56.6°	G=0.0
1.00	3.04	1303	318		
2.00	6.08	326	79		
3.00	9.12	145	35		
4.00	12.15	81	20		
5.00	15.19	52	13		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	1303	318		
2.00	6.06	326	79		
3.00	9.09	145	35		
4.00	12.11	81	20		
5.00	15.14	52	13		

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Luminaire Flux	3586 lm	Luminaire Power	23.8 W	Efficacy	150.546 lm/W	Efficiency	93.39%
Source Flux	3840 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	20.6	21.8	20.8	22.0	22.3	22.0	23.3	22.3	23.5	23.8
x=2H y=3H	21.0	22.2	21.3	22.4	22.7	23.2	24.4	23.5	24.7	24.9
x=2H y=4H	21.0	22.0	21.3	22.3	22.6	23.6	24.6	23.9	24.9	25.2
x=2H y=6H	20.9	21.9	21.3	22.2	22.5	23.7	24.7	24.0	25.0	25.3
x=2H y=8H	20.9	21.8	21.2	22.1	22.4	23.7	24.6	24.1	24.9	25.3
x=2H y=12H	20.8	21.7	21.2	22.1	22.4	23.7	24.6	24.0	24.9	25.2
x=4H y=2H	21.1	22.2	21.5	22.5	22.8	22.3	23.4	22.7	23.7	24.0
x=4H y=3H	21.7	22.6	22.1	22.9	23.3	23.6	24.5	24.0	24.9	25.2
x=4H y=4H	21.7	22.5	22.1	22.8	23.2	24.0	24.8	24.4	25.2	25.6
x=4H y=6H	21.6	22.3	22.0	22.7	23.1	24.2	24.9	24.6	25.3	25.7
x=4H y=8H	21.6	22.2	22.0	22.6	23.0	24.2	24.8	24.6	25.2	25.7
x=4H y=12H	21.6	22.1	22.0	22.5	23.0	24.2	24.8	24.7	25.2	25.6
x=8H y=4H	21.7	22.3	22.1	22.7	23.1	24.0	24.6	24.4	25.0	25.4
x=8H y=6H	21.7	22.2	22.1	22.6	23.1	24.2	24.7	24.6	25.1	25.6
x=8H y=8H	21.6	22.1	22.1	22.5	23.0	24.2	24.6	24.7	25.1	25.6
x=8H y=12H	21.6	22.0	22.1	22.5	23.0	24.2	24.6	24.7	25.0	25.5
x=12H y=4H	21.7	22.2	22.1	22.7	23.1	24.0	24.5	24.4	24.9	25.4
x=12H y=6H	21.6	22.1	22.1	22.5	23.0	24.2	24.6	24.6	25.0	25.5
x=12H y=8H	21.6	22.0	22.1	22.5	23.0	24.2	24.6	24.7	25.0	25.5

Luminaire

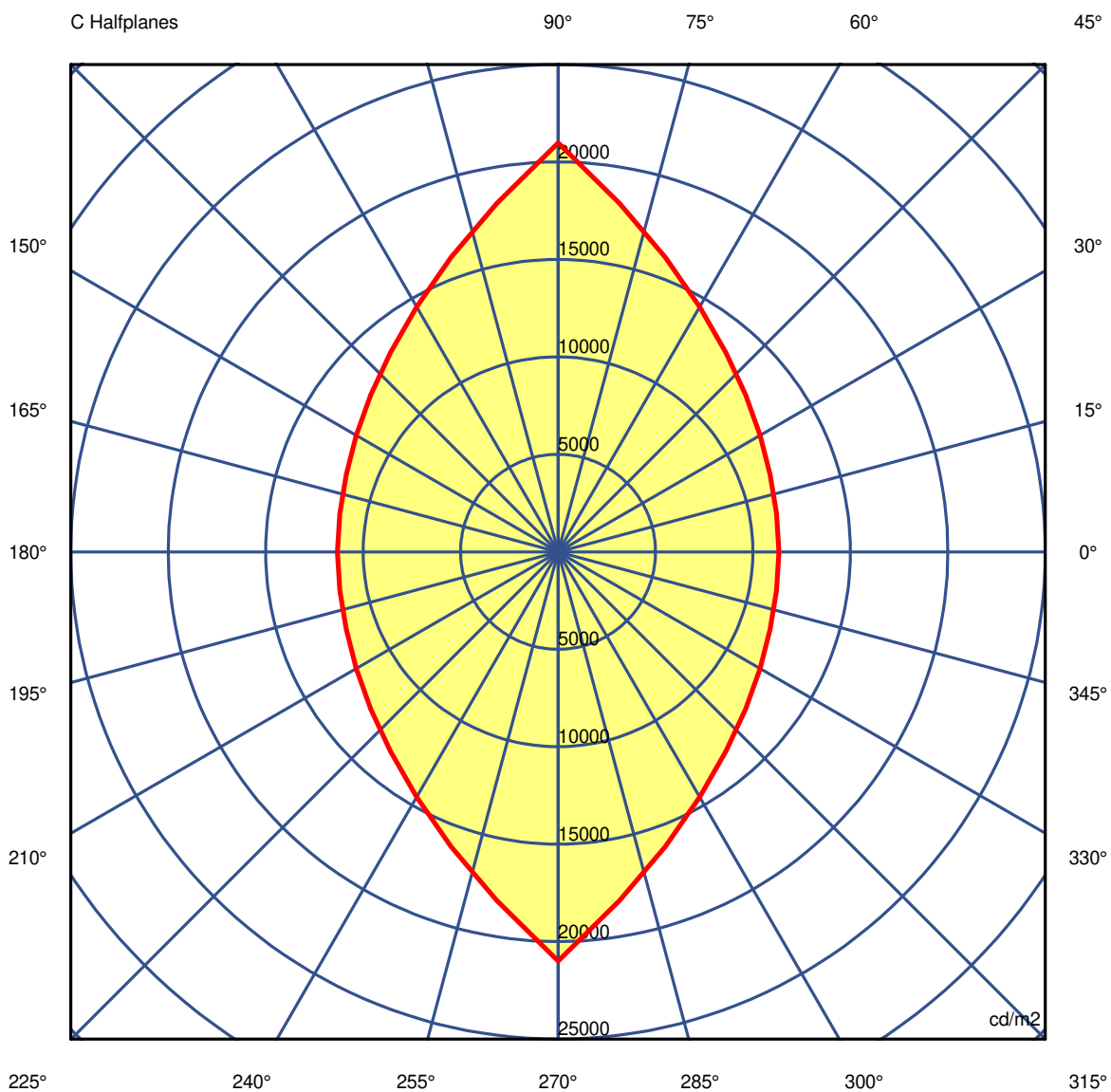
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Name AVL L1121 DPT K3 840

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Luminaire Flux	3586 lm	Luminaire Power	23.8 W	Efficacy	150.546 lm/W	Efficiency	93.39%
Source Flux	3840 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90826L120
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Luminaire Flux	3586 lm		Luminaire Power		23.8 W		Efficacy		150.546 lm/W		Efficiency		93.39%	
Source Flux	3840 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	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	
G 5.0	20667	20660	20727	20849	20982	21171	21417	21670	21952	22272	21952	21670	21417	
G 10.0	19199	19204	19306	19501	19770	20112	20526	21011	21571	22197	21571	21011	20526	
G 15.0	17893	17913	18050	18301	18657	19126	19709	20397	21198	22110	21198	20397	19709	
G 20.0	16694	16724	16883	17174	17609	18190	18915	19787	20830	22054	20830	19787	18915	
G 25.0	15573	15611	15793	16124	16609	17271	18122	19167	20436	21954	20436	19167	18122	
G 30.0	14528	14552	14746	15113	15646	16372	17319	18511	19993	21813	19993	18511	17319	
G 35.0	13469	13502	13710	14095	14659	15433	16458	17778	19469	21622	19469	17778	16458	
G 40.0	12409	12455	12671	13062	13641	14435	15516	16990	18910	21385	18910	16990	15516	
G 45.0	11329	11369	11579	11973	12546	13372	14527	16085	18169	20985	18169	16085	14527	
G 50.0	10161	10191	10409	10815	11355	12175	13351	14960	17193	20378	17193	14960	13351	
G 55.0	8862	8908	9115	9500	10086	10866	11951	13603	15962	19415	15962	13603	11951	
G 60.0	7403	7455	7656	8024	8579	9293	10314	11986	14414	18016	14414	11986	10314	
G 65.0	5805	5835	5994	6314	6830	7497	8444	10025	12393	16133	12393	10025	8444	
G 70.0	1959	2095	2834	4019	4882	5517	6296	7636	9726	13292	9726	7636	6296	
G 75.0	682	686	659	728	1343	2552	4011	4994	6572	9847	6572	4994	4011	
G 80.0	443	445	460	488	534	540	810	2052	3730	5867	3730	2052	810	
G 85.0	263	271	279	286	300	328	366	413	697	2167	697	413	366	
G 90.0	147	142	146	157	171	191	233	326	545	2110	545	326	233	

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Source Flux	3840 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	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351
G 5.0	21171	20982	20849	20727	20660	20667	20660	20727	20849	20982	21171	21417	21670
G 10.0	20112	19770	19501	19306	19204	19199	19204	19306	19501	19770	20112	20526	21011
G 15.0	19126	18657	18301	18050	17913	17893	17913	18050	18301	18657	19126	19709	20397
G 20.0	18190	17609	17174	16883	16724	16694	16724	16883	17174	17609	18190	18915	19787
G 25.0	17271	16609	16124	15793	15611	15573	15611	15793	16124	16609	17271	18122	19167
G 30.0	16372	15646	15113	14746	14552	14528	14552	14746	15113	15646	16372	17319	18511
G 35.0	15433	14659	14095	13710	13502	13469	13502	13710	14095	14659	15433	16458	17778
G 40.0	14435	13641	13062	12671	12455	12409	12455	12671	13062	13641	14435	15516	16990
G 45.0	13372	12546	11973	11579	11369	11329	11369	11579	11973	12546	13372	14527	16085
G 50.0	12175	11355	10815	10409	10191	10161	10191	10409	10815	11355	12175	13351	14960
G 55.0	10866	10086	9500	9115	8908	8862	8908	9115	9500	10086	10866	11951	13603
G 60.0	9293	8579	8024	7656	7455	7403	7455	7656	8024	8579	9293	10314	11986
G 65.0	7497	6830	6314	5994	5835	5805	5835	5994	6314	6830	7497	8444	10025
G 70.0	5517	4882	4019	2834	2095	1959	2095	2834	4019	4882	5517	6296	7636
G 75.0	2552	1343	728	659	686	682	686	659	728	1343	2552	4011	4994
G 80.0	540	534	488	460	445	443	445	460	488	534	540	810	2052
G 85.0	328	300	286	279	271	263	271	279	286	300	328	366	413
G 90.0	191	171	157	146	142	147	142	146	157	171	191	233	326

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Source Flux	3840 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	22351	22351	22351	22351	22351	22351	22351	22351	22351	22351
G 5.0	21952	22272	21952	21670	21417	21171	20982	20849	20727	20660
G 10.0	21571	22197	21571	21011	20526	20112	19770	19501	19306	19204
G 15.0	21198	22110	21198	20397	19709	19126	18657	18301	18050	17913
G 20.0	20830	22054	20830	19787	18915	18190	17609	17174	16883	16724
G 25.0	20436	21954	20436	19167	18122	17271	16609	16124	15793	15611
G 30.0	19993	21813	19993	18511	17319	16372	15646	15113	14746	14552
G 35.0	19469	21622	19469	17778	16458	15433	14659	14095	13710	13502
G 40.0	18910	21385	18910	16990	15516	14435	13641	13062	12671	12455
G 45.0	18169	20985	18169	16085	14527	13372	12546	11973	11579	11369
G 50.0	17193	20378	17193	14960	13351	12175	11355	10815	10409	10191
G 55.0	15962	19415	15962	13603	11951	10866	10086	9500	9115	8908
G 60.0	14414	18016	14414	11986	10314	9293	8579	8024	7656	7455
G 65.0	12393	16133	12393	10025	8444	7497	6830	6314	5994	5835
G 70.0	9726	13292	9726	7636	6296	5517	4882	4019	2834	2095
G 75.0	6572	9847	6572	4994	4011	2552	1343	728	659	686
G 80.0	3730	5867	3730	2052	810	540	534	488	460	445
G 85.0	697	2167	697	413	366	328	300	286	279	271
G 90.0	545	2110	545	326	233	191	171	157	146	142