

Luminaire

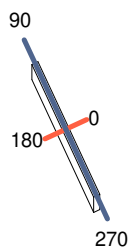
Code 90826L120
Name AVL L1121 DPT K3 830

Measurem.

Code 10/7/2023
Name AVL L1121 DPT K3 830

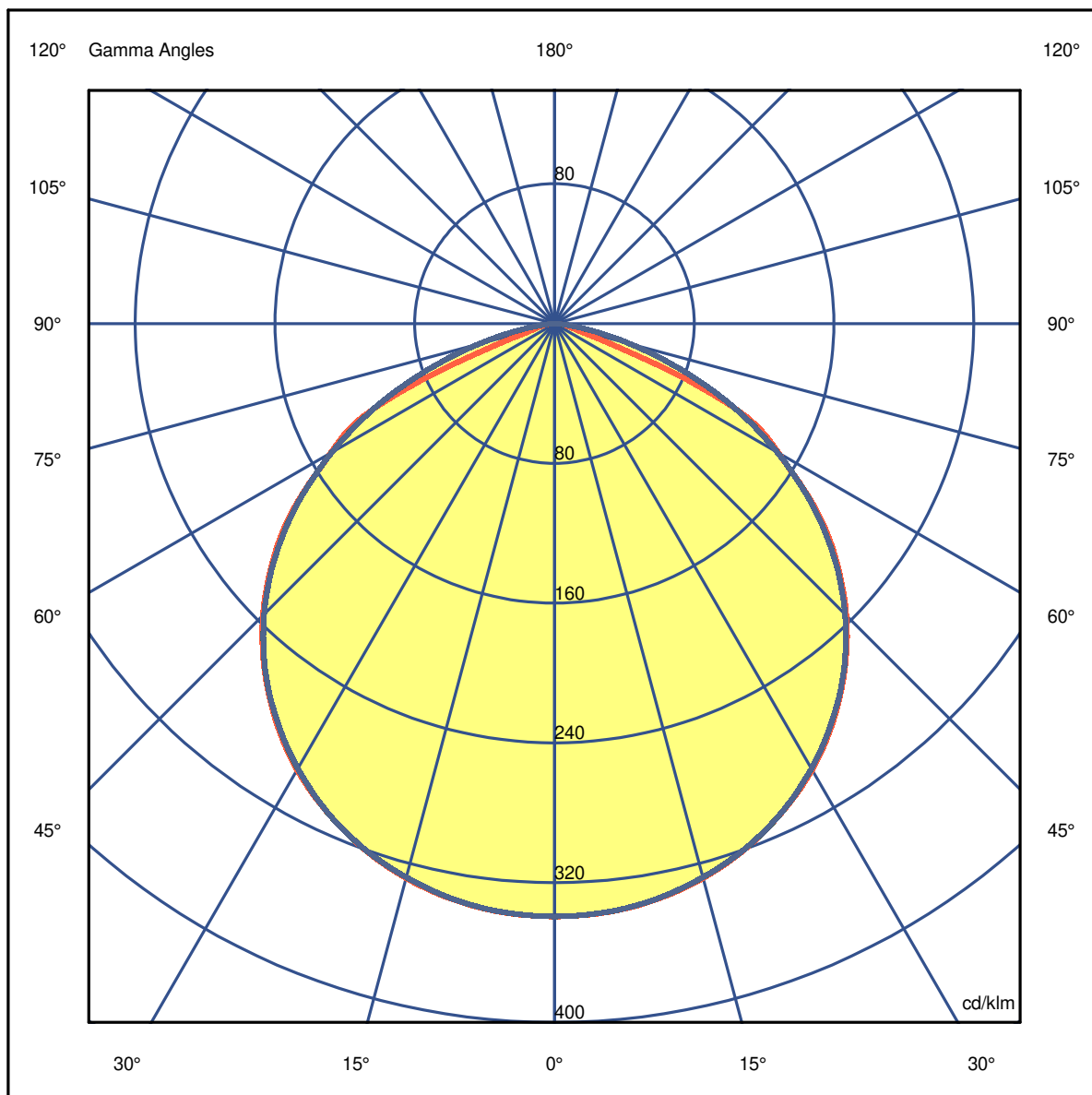
Luminaire Flux	3425 lm	Luminaire Power	23.8 W	Efficacy	143.802 lm/W	Efficiency	93.39%
Source Flux	3668 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1121mm x 52mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



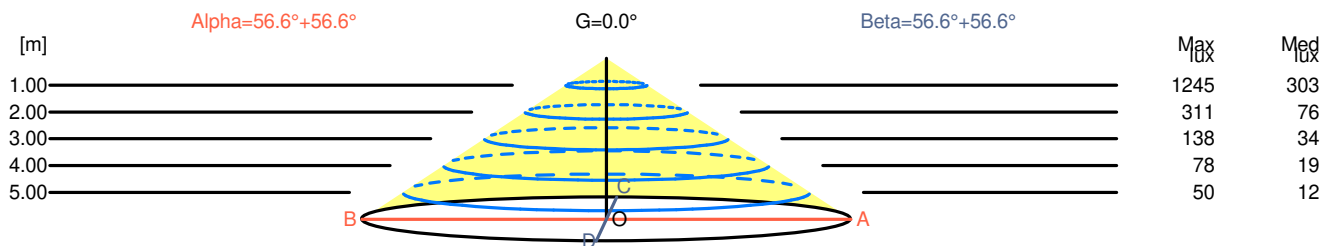
LuminaireCode 90826L120
Name AVL L1121 DPT K3 830**Measurem.**Code 10/7/2023
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Luminaire Flux	3425 lm	Luminaire Power	23.8 W	Efficacy	143.802 lm/W	Efficiency	93.39%
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Width at 50.00 % of Max Intensity

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	1.52	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	1244.55	1240.88	1205.30	1131.21	1019.70	866.38	663.91	412.65	44.38	15.04
OB	1244.55	1240.88	1205.30	1131.21	1019.70	866.38	663.91	412.65	44.38	15.04
OC	1244.55	1240.15	1203.10	1130.48	1016.40	862.35	658.77	415.22	165.06	15.77
OD	1244.55	1240.15	1203.10	1130.48	1016.40	862.35	658.77	415.22	165.06	15.77



H[m]	D[m]	Max lux	Med lux	Alpha=56.6°+56.6°	G=0.0
1.00	3.04	1245	303		
2.00	6.08	311	76		
3.00	9.12	138	34		
4.00	12.15	78	19		
5.00	15.19	50	12		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	1245	303		
2.00	6.06	311	76		
3.00	9.09	138	34		
4.00	12.11	78	19		
5.00	15.14	50	12		

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Luminaire Flux	3425 lm	Luminaire Power	23.8 W	Efficacy	143.802 lm/W	Efficiency	93.39%
Source Flux	3668 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	20.4	21.7	20.7	21.9	22.1	21.9	23.2	22.2	23.4	23.6
x=2H y=3H	20.9	22.0	21.2	22.3	22.5	23.1	24.2	23.4	24.5	24.8
x=2H y=4H	20.8	21.9	21.1	22.2	22.5	23.4	24.5	23.7	24.7	25.0
x=2H y=6H	20.7	21.7	21.1	22.0	22.4	23.5	24.5	23.9	24.8	25.1
x=2H y=8H	20.7	21.7	21.1	22.0	22.3	23.5	24.5	23.9	24.8	25.1
x=2H y=12H	20.7	21.6	21.0	21.9	22.2	23.5	24.4	23.9	24.7	25.1
x=4H y=2H	21.0	22.0	21.3	22.3	22.6	22.2	23.3	22.5	23.5	23.8
x=4H y=3H	21.5	22.4	21.9	22.8	23.1	23.5	24.4	23.9	24.7	25.1
x=4H y=4H	21.5	22.3	21.9	22.6	23.0	23.9	24.7	24.3	25.0	25.4
x=4H y=6H	21.4	22.1	21.9	22.5	22.9	24.0	24.7	24.5	25.1	25.5
x=4H y=8H	21.4	22.0	21.8	22.4	22.9	24.1	24.7	24.5	25.1	25.5
x=4H y=12H	21.4	22.0	21.8	22.4	22.8	24.1	24.6	24.5	25.0	25.5
x=8H y=4H	21.5	22.2	22.0	22.6	23.0	23.8	24.5	24.3	24.9	25.3
x=8H y=6H	21.5	22.0	21.9	22.4	22.9	24.0	24.5	24.5	25.0	25.4
x=8H y=8H	21.5	21.9	21.9	22.4	22.8	24.0	24.5	24.5	24.9	25.4
x=8H y=12H	21.4	21.8	21.9	22.3	22.8	24.0	24.4	24.5	24.9	25.4
x=12H y=4H	21.5	22.1	22.0	22.5	22.9	23.8	24.4	24.3	24.8	25.2
x=12H y=6H	21.5	21.9	21.9	22.4	22.8	24.0	24.4	24.5	24.9	25.4
x=12H y=8H	21.4	21.8	21.9	22.3	22.8	24.0	24.4	24.5	24.9	25.4

Luminaire

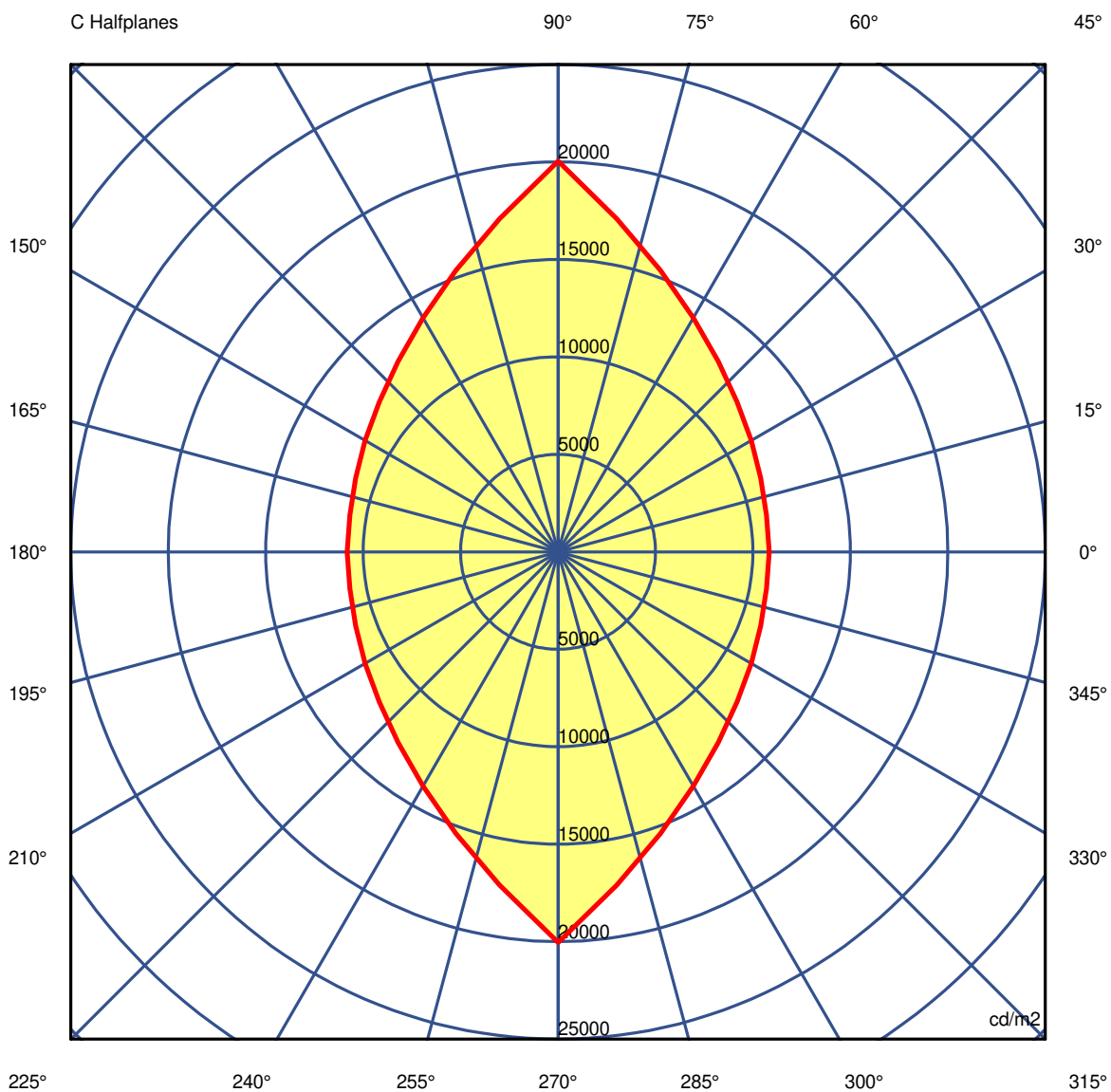
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Luminaire Flux	3425 lm	Luminaire Power	23.8 W	Efficacy	143.802 lm/W	Efficiency	93.39%
Source Flux	3668 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measur.

Code 10/7/2023
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Luminaire Flux	3425 lm		Luminaire Power		23.8 W		Efficacy		143.802 lm/W		Efficiency		93.39%	
Source Flux	3668 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	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	
G 5.0	19741	19735	19799	19915	20042	20223	20458	20699	20969	21275	20969	20699	20458	
G 10.0	18339	18343	18441	18627	18884	19211	19607	20070	20605	21203	20605	20070	19607	
G 15.0	17091	17111	17242	17481	17821	18269	18826	19483	20249	21120	20249	19483	18826	
G 20.0	15946	15975	16127	16405	16820	17375	18067	18901	19897	21066	19897	18901	18067	
G 25.0	14876	14912	15086	15401	15865	16497	17310	18309	19520	20971	19520	18309	17310	
G 30.0	13877	13900	14086	14436	14945	15639	16544	17682	19097	20836	19097	17682	16544	
G 35.0	12866	12898	13096	13463	14002	14742	15721	16982	18597	20654	18597	16982	15721	
G 40.0	11853	11897	12103	12477	13030	13789	14821	16229	18063	20427	18063	16229	14821	
G 45.0	10822	10859	11060	11436	11984	12773	13876	15365	17356	20045	17356	15365	13876	
G 50.0	9706	9734	9943	10330	10846	11630	12753	14290	16423	19465	16423	14290	12753	
G 55.0	8465	8509	8706	9074	9634	10379	11416	12993	15247	18545	15247	12993	11416	
G 60.0	7072	7121	7313	7665	8194	8877	9852	11449	13769	17209	13769	11449	9852	
G 65.0	5545	5574	5726	6031	6524	7161	8065	9576	11838	15410	11838	9576	8065	
G 70.0	1871	2001	2707	3839	4663	5270	6014	7294	9290	12697	9290	7294	6014	
G 75.0	651	655	629	695	1283	2438	3832	4771	6278	9406	6278	4771	3832	
G 80.0	423	425	439	466	510	516	774	1960	3562	5604	3562	1960	774	
G 85.0	251	259	266	273	286	314	349	394	666	2070	666	394	349	
G 90.0	140	136	140	150	163	182	223	312	520	2015	520	312	223	

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Source Flux	3668 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	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350	
G 5.0	20223	20042	19915	19799	19735	19741	19735	19799	19915	20042	20223	20458	20699	
G 10.0	19211	18884	18627	18441	18343	18339	18343	18441	18627	18884	19211	19607	20070	
G 15.0	18269	17821	17481	17242	17111	17091	17111	17242	17481	17821	18269	18826	19483	
G 20.0	17375	16820	16405	16127	15975	15946	15975	16127	16405	16820	17375	18067	18901	
G 25.0	16497	15865	15401	15086	14912	14876	14912	15086	15401	15865	16497	17310	18309	
G 30.0	15639	14945	14436	14086	13900	13877	13900	14086	14436	14945	15639	16544	17682	
G 35.0	14742	14002	13463	13096	12898	12866	12898	13096	13463	14002	14742	15721	16982	
G 40.0	13789	13030	12477	12103	11897	11853	11897	12103	12477	13030	13789	14821	16229	
G 45.0	12773	11984	11436	11060	10859	10822	10859	11060	11436	11984	12773	13876	15365	
G 50.0	11630	10846	10330	9943	9734	9706	9734	9943	10330	10846	11630	12753	14290	
G 55.0	10379	9634	9074	8706	8509	8465	8509	8706	9074	9634	10379	11416	12993	
G 60.0	8877	8194	7665	7313	7121	7072	7121	7313	7665	8194	8877	9852	11449	
G 65.0	7161	6524	6031	5726	5574	5545	5574	5726	6031	6524	7161	8065	9576	
G 70.0	5270	4663	3839	2707	2001	1871	2001	2707	3839	4663	5270	6014	7294	
G 75.0	2438	1283	695	629	655	651	655	629	695	1283	2438	3832	4771	
G 80.0	516	510	466	439	425	423	425	439	466	510	516	774	1960	
G 85.0	314	286	273	266	259	251	259	266	273	286	314	349	394	
G 90.0	182	163	150	140	136	140	136	140	150	163	182	223	312	

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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	21350	21350	21350	21350	21350	21350	21350	21350	21350	21350
G 5.0	20969	21275	20969	20699	20458	20223	20042	19915	19799	19735
G 10.0	20605	21203	20605	20070	19607	19211	18884	18627	18441	18343
G 15.0	20249	21120	20249	19483	18826	18269	17821	17481	17242	17111
G 20.0	19897	21066	19897	18901	18067	17375	16820	16405	16127	15975
G 25.0	19520	20971	19520	18309	17310	16497	15865	15401	15086	14912
G 30.0	19097	20836	19097	17682	16544	15639	14945	14436	14086	13900
G 35.0	18597	20654	18597	16982	15721	14742	14002	13463	13096	12898
G 40.0	18063	20427	18063	16229	14821	13789	13030	12477	12103	11897
G 45.0	17356	20045	17356	15365	13876	12773	11984	11436	11060	10859
G 50.0	16423	19465	16423	14290	12753	11630	10846	10330	9943	9734
G 55.0	15247	18545	15247	12993	11416	10379	9634	9074	8706	8509
G 60.0	13769	17209	13769	11449	9852	8877	8194	7665	7313	7121
G 65.0	11838	15410	11838	9576	8065	7161	6524	6031	5726	5574
G 70.0	9290	12697	9290	7294	6014	5270	4663	3839	2707	2001
G 75.0	6278	9406	6278	4771	3832	2438	1283	695	629	655
G 80.0	3562	5604	3562	1960	774	516	510	466	439	425
G 85.0	666	2070	666	394	349	314	286	273	266	259
G 90.0	520	2015	520	312	223	182	163	150	140	136