

Luminaire

Code 90826L060
Name AVL L0561 DPT 830

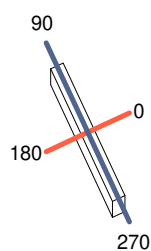
Measur.

Code 10/7/2023
Name AVL L0561 DPT 830

Luminaire Flux	1713 lm	Luminaire Power	13.0 W	Efficacy	131.341 lm/W	Efficiency	93.39%
Source Flux	1834 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

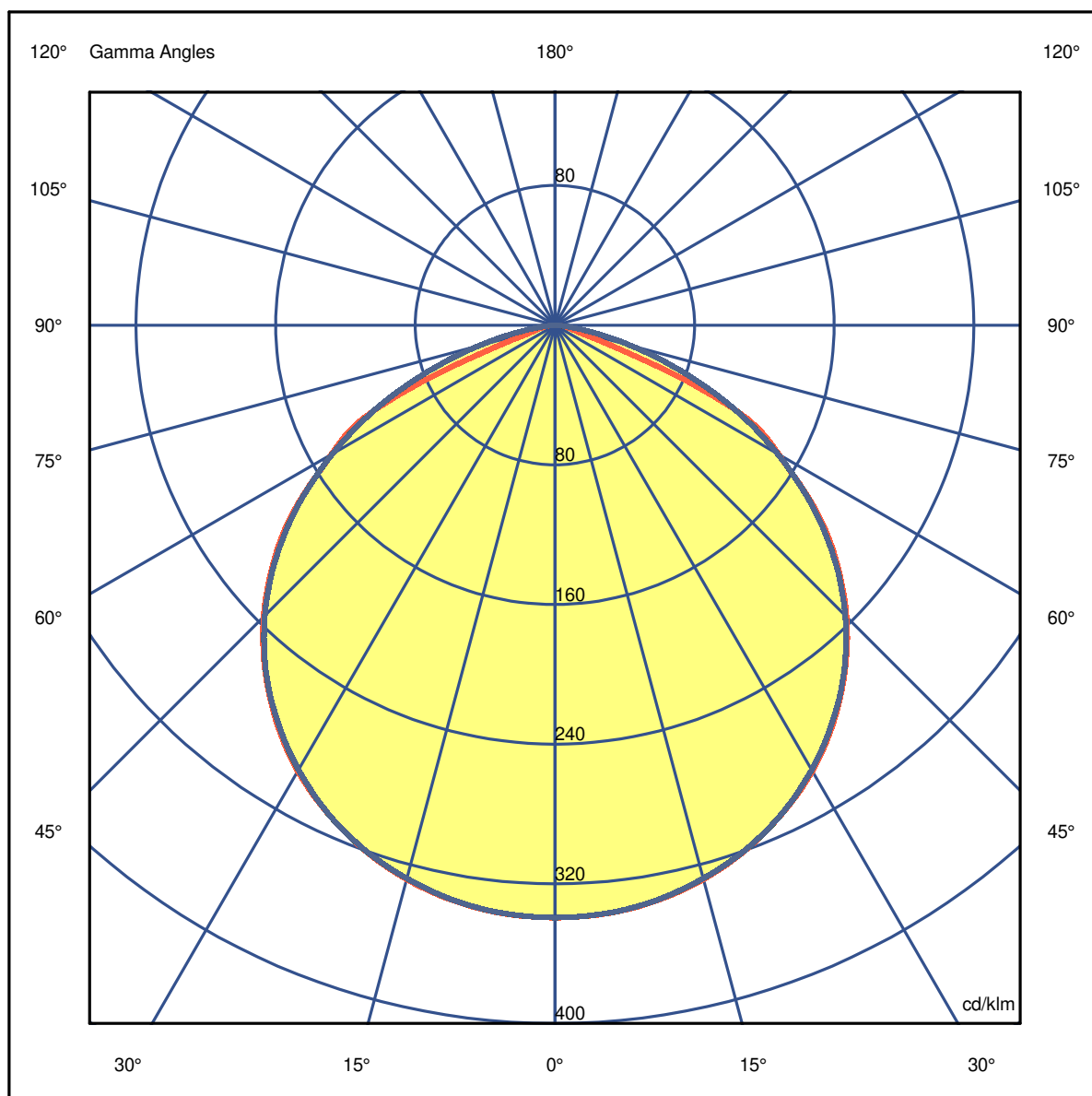
561mm x 52mm

C Halfplanes



180.0 — 0.0

270.0 — 90.0



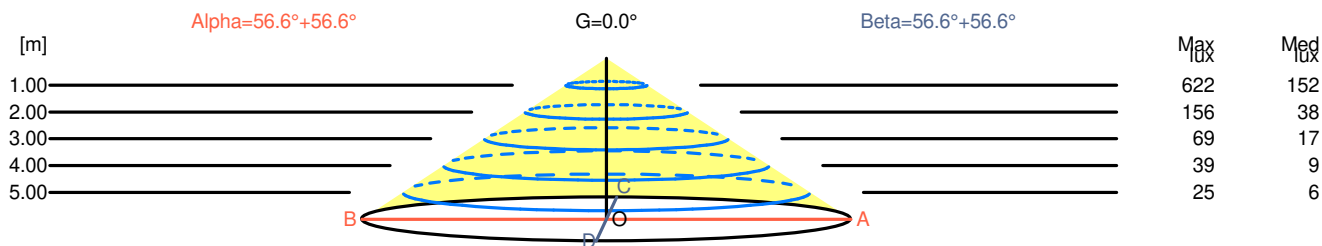
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Width at 50.00 % of Max Intensity

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	1.52	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	622.28	620.44	602.65	565.61	509.85	433.19	331.95	206.33	22.19	7.52
OB	622.28	620.44	602.65	565.61	509.85	433.19	331.95	206.33	22.19	7.52
OC	622.28	620.08	601.55	565.24	508.20	431.17	329.39	207.61	82.53	7.89
OD	622.28	620.08	601.55	565.24	508.20	431.17	329.39	207.61	82.53	7.89



H[m]	D[m]	Max lux	Med lux	Alpha=56.6°+56.6°	G=0.0
1.00	3.04	622	152		
2.00	6.08	156	38		
3.00	9.12	69	17		
4.00	12.15	39	9		
5.00	15.19	25	6		

H[m]	D[m]	Max lux	Med lux	Beta=56.6°+56.6°	G=0.0
1.00	3.03	622	152		
2.00	6.06	156	38		
3.00	9.09	69	17		
4.00	12.11	39	9		
5.00	15.14	25	6		

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Source Flux	1834 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	21.6	20.7	21.9	22.1	21.7	23.0	22.0	23.2	23.5
x=2H y=3H	20.8	22.0	21.1	22.3	22.5	22.9	24.1	23.2	24.3	24.6
x=2H y=4H	20.8	21.9	21.1	22.1	22.4	23.2	24.3	23.5	24.6	24.8
x=2H y=6H	20.7	21.7	21.1	22.0	22.3	23.3	24.3	23.7	24.6	24.9
x=2H y=8H	20.7	21.6	21.0	21.9	22.3	23.3	24.3	23.7	24.6	24.9
x=2H y=12H	20.6	21.5	21.0	21.9	22.2	23.3	24.2	23.7	24.5	24.9
x=4H y=2H	20.9	22.0	21.2	22.3	22.6	22.1	23.1	22.4	23.4	23.7
x=4H y=3H	21.5	22.4	21.9	22.7	23.1	23.3	24.2	23.7	24.6	24.9
x=4H y=4H	21.5	22.3	21.9	22.6	23.0	23.7	24.5	24.1	24.8	25.2
x=4H y=6H	21.4	22.1	21.8	22.5	22.9	23.8	24.5	24.3	24.9	25.3
x=4H y=8H	21.4	22.0	21.8	22.4	22.8	23.9	24.5	24.3	24.9	25.3
x=4H y=12H	21.4	21.9	21.8	22.3	22.8	23.9	24.4	24.3	24.8	25.3
x=8H y=4H	21.5	22.1	21.9	22.5	22.9	23.7	24.3	24.1	24.7	25.1
x=8H y=6H	21.4	22.0	21.9	22.4	22.8	23.8	24.3	24.3	24.8	25.2
x=8H y=8H	21.4	21.9	21.9	22.3	22.8	23.8	24.3	24.3	24.7	25.2
x=8H y=12H	21.4	21.8	21.9	22.3	22.7	23.8	24.2	24.3	24.7	25.2
x=12H y=4H	21.5	22.0	21.9	22.5	22.9	23.6	24.2	24.1	24.6	25.0
x=12H y=6H	21.4	21.9	21.9	22.3	22.8	23.8	24.2	24.3	24.7	25.2
x=12H y=8H	21.4	21.8	21.9	22.3	22.7	23.8	24.2	24.3	24.7	25.2

Luminaire

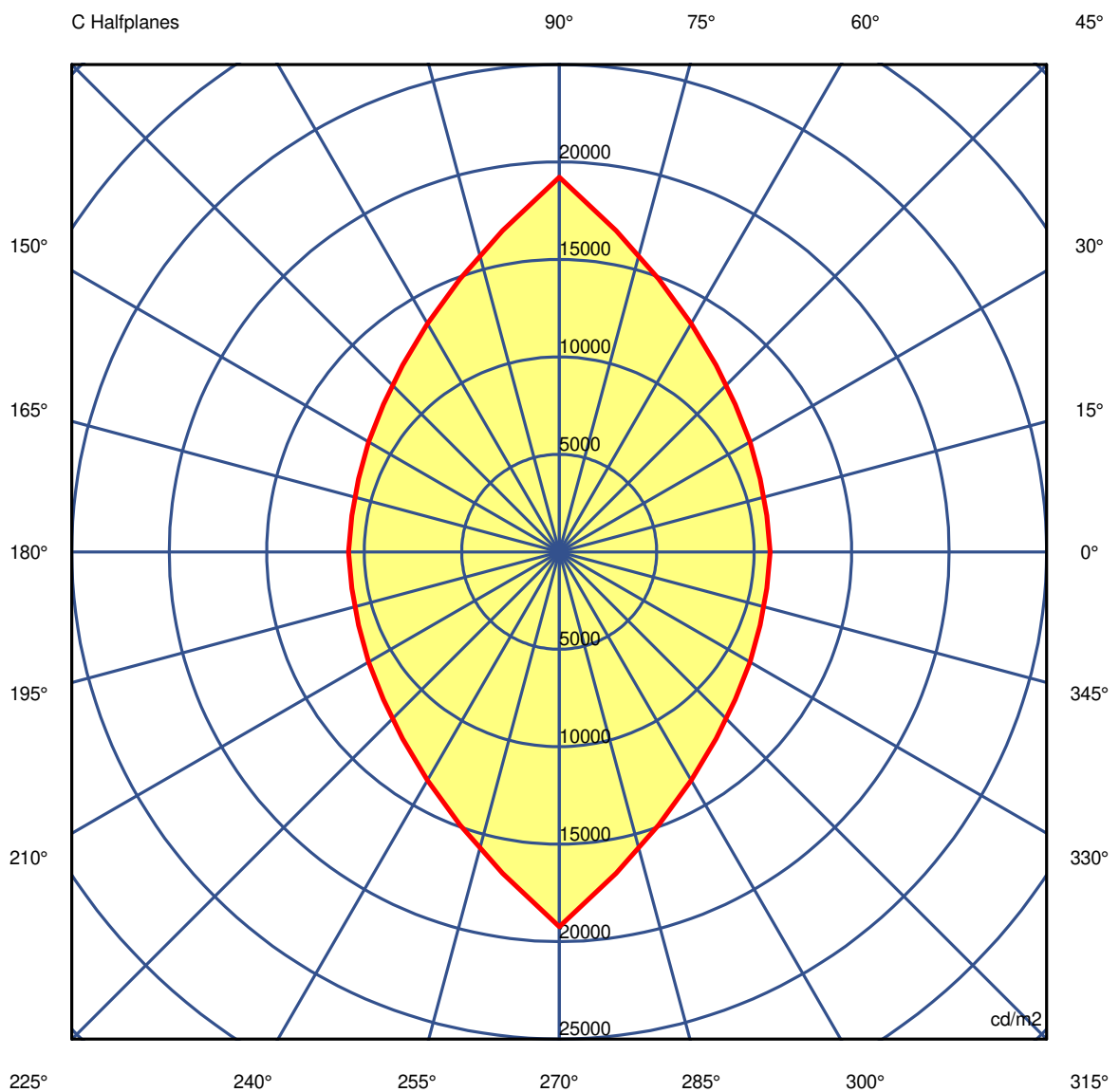
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Measurem.

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Luminaire Flux	1713 lm	Luminaire Power	13.0 W	Efficacy	131.341 lm/W	Efficiency	93.39%
Source Flux	1834 lm	Maximum value	339.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

LuminaireCode 90826L060
Name AVL L0561 DPT 830**Measur.**Code 10/7/2023
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Luminaire Flux	1713 lm		Luminaire Power		13.0 W		Efficacy		131.341 lm/W		Efficiency		93.39%	
Source Flux	1834 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	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	
G 5.0	19724	19705	19757	19862	19978	20149	20375	20609	20873	21175	20873	20609	20375	
G 10.0	18322	18306	18383	18548	18785	19093	19470	19917	20437	21024	20437	19917	19470	
G 15.0	17076	17068	17171	17383	17695	18115	18643	19273	20012	20860	20012	19273	18643	
G 20.0	15932	15928	16047	16291	16672	17190	17844	18638	19594	20723	19594	18638	17844	
G 25.0	14862	14862	14999	15276	15699	16287	17052	17998	19153	20542	19153	17998	17052	
G 30.0	13865	13848	13994	14302	14765	15408	16255	17327	18666	20318	18666	17327	16255	
G 35.0	12854	12845	13001	13323	13812	14495	15407	16587	18105	20041	18105	16587	15407	
G 40.0	11843	11844	12007	12334	12833	13529	14486	15798	17509	19713	17509	15798	14486	
G 45.0	10812	10807	10964	11292	11784	12506	13525	14903	16744	19224	16744	14903	13525	
G 50.0	9698	9684	9850	10188	10649	11363	12394	13807	15761	18532	15761	13807	12394	
G 55.0	8457	8462	8618	8940	9443	10117	11060	12500	14545	17502	14545	12500	11060	
G 60.0	7065	7080	7234	7542	8018	8632	9512	10961	13042	16065	13042	10961	9512	
G 65.0	5540	5539	5659	5927	6371	6945	7758	9117	11118	14183	11118	9117	7758	
G 70.0	1869	1987	2673	3767	4545	5095	5759	6899	8632	11459	8632	6899	5759	
G 75.0	651	650	621	681	1248	2349	3651	4476	5752	8244	5752	4476	3651	
G 80.0	422	422	433	456	495	495	733	1820	3200	4673	3200	1820	733	
G 85.0	251	257	262	266	277	300	328	361	580	1552	580	361	328	
G 90.0	140	135	137	146	157	173	207	280	430	1008	430	280	207	

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Source Flux		1834 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	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331
G 5.0	20149	19978	19862	19757	19705	19724	19705	19757	19862	19978	20149	20375	20609												
G 10.0	19093	18785	18548	18383	18306	18322	18306	18383	18548	18785	19093	19470	19917												
G 15.0	18115	17695	17383	17171	17068	17076	17068	17171	17383	17695	18115	18643	19273												
G 20.0	17190	16672	16291	16047	15928	15932	15928	16047	16291	16672	17190	17844	18638												
G 25.0	16287	15699	15276	14999	14862	14862	14862	14999	15276	15699	16287	17052	17998												
G 30.0	15408	14765	14302	13994	13848	13865	13848	13994	14302	14765	15408	16255	17327												
G 35.0	14495	13812	13323	13001	12845	12854	12845	13001	13323	13812	14495	15407	16587												
G 40.0	13529	12833	12334	12007	11844	11843	11844	12007	12334	12833	13529	14486	15798												
G 45.0	12506	11784	11292	10964	10807	10812	10807	10964	11292	11784	12506	13525	14903												
G 50.0	11363	10649	10188	9850	9684	9698	9684	9850	10188	10649	11363	12394	13807												
G 55.0	10117	9443	8940	8618	8462	8457	8462	8618	8940	9443	10117	11060	12500												
G 60.0	8632	8018	7542	7234	7080	7065	7080	7234	7542	8018	8632	9512	10961												
G 65.0	6945	6371	5927	5659	5539	5540	5539	5659	5927	6371	6945	7758	9117												
G 70.0	5095	4545	3767	2673	1987	1869	1987	2673	3767	4545	5095	5759	6899												
G 75.0	2349	1248	681	621	650	651	650	621	681	1248	2349	3651	4476												
G 80.0	495	495	456	433	422	422	422	433	456	495	495	733	1820												
G 85.0	300	277	266	262	257	251	257	262	266	277	300	328	361												
G 90.0	173	157	146	137	135	140	135	137	146	157	173	207	280												

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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	21331	21331	21331	21331	21331	21331	21331	21331	21331	21331
G 5.0	20873	21175	20873	20609	20375	20149	19978	19862	19757	19705
G 10.0	20437	21024	20437	19917	19470	19093	18785	18548	18383	18306
G 15.0	20012	20860	20012	19273	18643	18115	17695	17383	17171	17068
G 20.0	19594	20723	19594	18638	17844	17190	16672	16291	16047	15928
G 25.0	19153	20542	19153	17998	17052	16287	15699	15276	14999	14862
G 30.0	18666	20318	18666	17327	16255	15408	14765	14302	13994	13848
G 35.0	18105	20041	18105	16587	15407	14495	13812	13323	13001	12845
G 40.0	17509	19713	17509	15798	14486	13529	12833	12334	12007	11844
G 45.0	16744	19224	16744	14903	13525	12506	11784	11292	10964	10807
G 50.0	15761	18532	15761	13807	12394	11363	10649	10188	9850	9684
G 55.0	14545	17502	14545	12500	11060	10117	9443	8940	8618	8462
G 60.0	13042	16065	13042	10961	9512	8632	8018	7542	7234	7080
G 65.0	11118	14183	11118	9117	7758	6945	6371	5927	5659	5539
G 70.0	8632	11459	8632	6899	5759	5095	4545	3767	2673	1987
G 75.0	5752	8244	5752	4476	3651	2349	1248	681	621	650
G 80.0	3200	4673	3200	1820	733	495	495	456	433	422
G 85.0	580	1552	580	361	328	300	277	266	262	257
G 90.0	430	1008	430	280	207	173	157	146	137	135