

Luminaire

Code 90445L008
Name VEGA D95 PRISM+ 930 LO

Measurem.

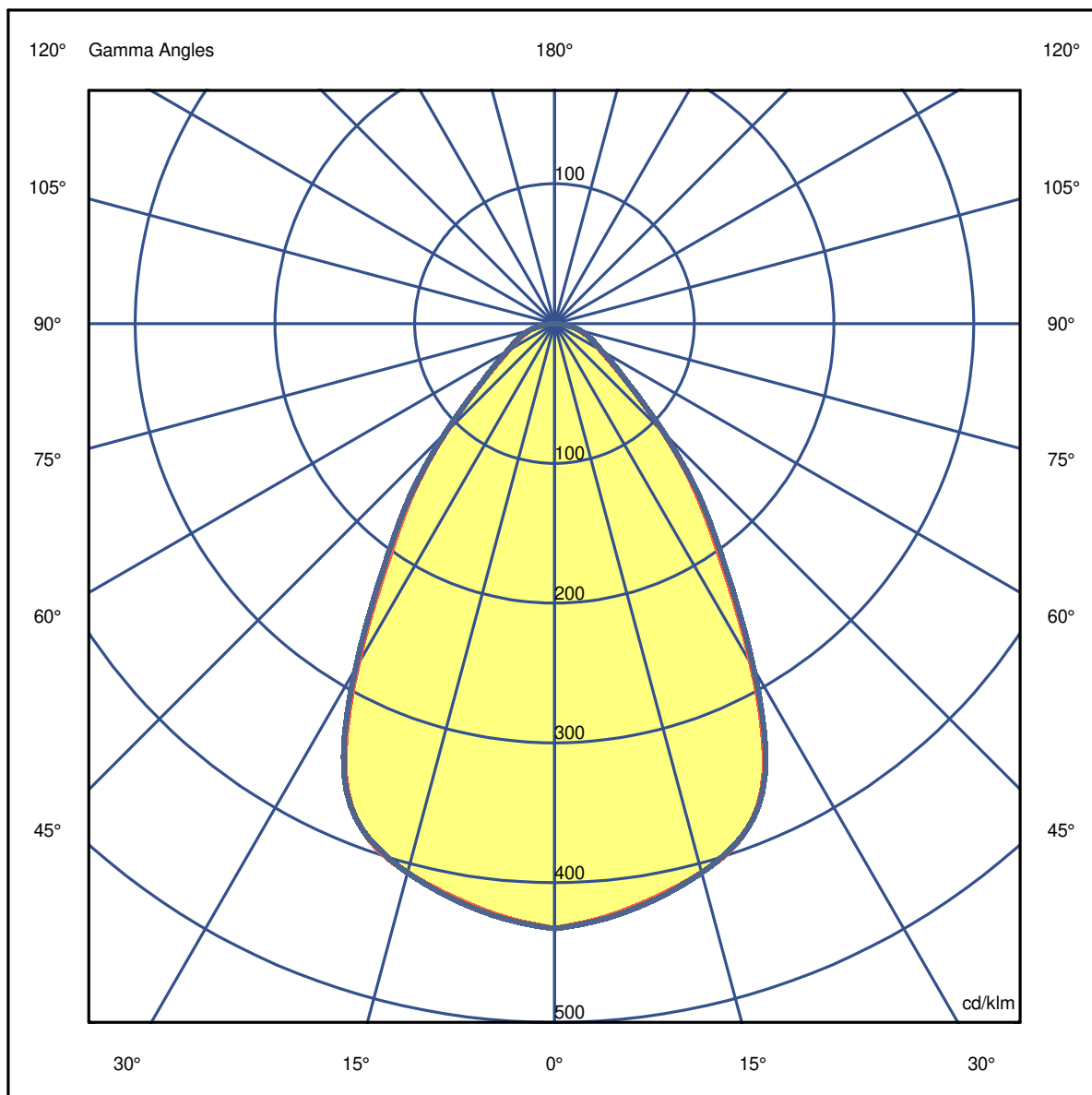
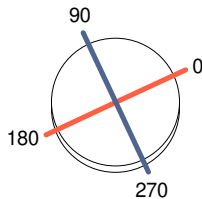
Code 14/2/2023
Name VEGA D95 PRISM+ 930 LO

Luminaire Flux	623 lm	Luminaire Power	7.5 W	Efficacy	82.800 lm/W	Efficiency	64.06%
Source Flux	972 lm	Maximum value	432.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=95mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



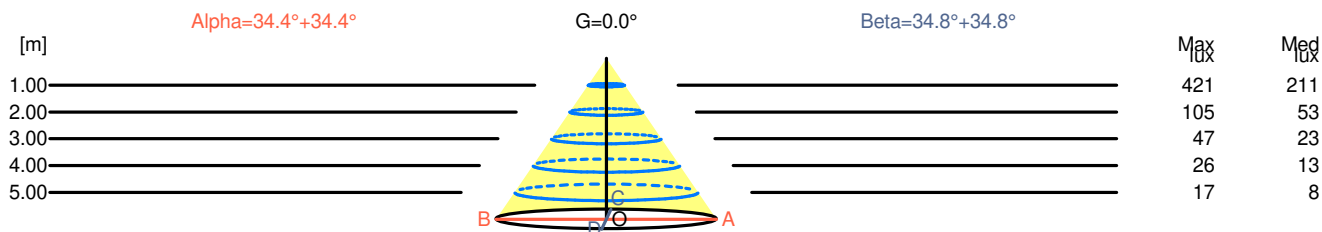
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Width at 50.00 % of Max Intensity

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	0.69	1.37	2.06	2.74	3.43	OC	0.69	1.39	2.08	2.78	3.47
OB	0.69	1.37	2.06	2.74	3.43	OD	0.69	1.39	2.08	2.78	3.47

	0	5	15	25	35	45	55	65	75	85
OA	420.68	414.07	395.22	344.77	203.15	107.11	49.38	29.65	17.79	4.47
OB	420.68	414.07	395.22	344.77	203.15	107.11	49.38	29.65	17.79	4.47
OC	420.68	415.04	395.31	346.52	207.72	107.99	51.13	30.52	18.27	4.57
OD	420.68	415.04	395.31	346.52	207.72	107.99	51.13	30.52	18.27	4.57



H[m]	D[m]	Max lux	Med lux	Alpha=34.4°+34.4°	G=0.0
1.00	1.37	421	211		
2.00	2.74	105	53		
3.00	4.11	47	23		
4.00	5.48	26	13		
5.00	6.85	17	8		

H[m]	D[m]	Max lux	Med lux	Beta=34.8°+34.8°	G=0.0
1.00	1.39	421	211		
2.00	2.78	105	53		
3.00	4.17	47	23		
4.00	5.56	26	13		
5.00	6.95	17	8		

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Source Flux	972 lm	Maximum value	432.80 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.7	17.7	17.0	17.9	18.1	16.8	17.7	17.0	17.9	18.2
x=2H y=3H	17.0	17.9	17.4	18.2	18.4	17.1	18.0	17.4	18.3	18.5
x=2H y=4H	17.2	18.1	17.5	18.3	18.6	17.3	18.1	17.6	18.4	18.7
x=2H y=6H	17.3	18.0	17.6	18.3	18.6	17.4	18.1	17.7	18.4	18.7
x=2H y=8H	17.3	18.1	17.6	18.3	18.6	17.4	18.1	17.7	18.4	18.7
x=2H y=12H	17.3	18.0	17.6	18.3	18.6	17.4	18.1	17.7	18.4	18.7
x=4H y=2H	16.8	17.6	17.1	17.9	18.2	16.8	17.7	17.2	18.0	18.2
x=4H y=3H	17.3	18.0	17.7	18.3	18.7	17.4	18.1	17.7	18.4	18.7
x=4H y=4H	17.6	18.2	18.0	18.5	18.9	17.6	18.2	18.0	18.6	19.0
x=4H y=6H	17.7	18.2	18.1	18.6	19.0	17.8	18.3	18.2	18.7	19.1
x=4H y=8H	17.8	18.2	18.2	18.6	19.0	17.8	18.3	18.3	18.7	19.1
x=4H y=12H	17.8	18.2	18.2	18.6	19.0	17.8	18.3	18.3	18.7	19.1
x=8H y=4H	17.6	18.1	18.1	18.5	18.9	17.7	18.2	18.1	18.6	19.0
x=8H y=6H	17.9	18.2	18.3	18.7	19.1	17.9	18.3	18.4	18.7	19.2
x=8H y=8H	17.9	18.2	18.4	18.7	19.2	18.0	18.3	18.4	18.7	19.2
x=8H y=12H	17.9	18.2	18.4	18.7	19.2	18.0	18.3	18.5	18.7	19.2
x=12H y=4H	17.6	18.1	18.1	18.4	18.9	17.7	18.1	18.1	18.5	18.9
x=12H y=6H	17.8	18.2	18.3	18.6	19.1	17.9	18.2	18.4	18.7	19.2
x=12H y=8H	17.9	18.2	18.4	18.7	19.2	18.0	18.3	18.5	18.7	19.2

Luminaire

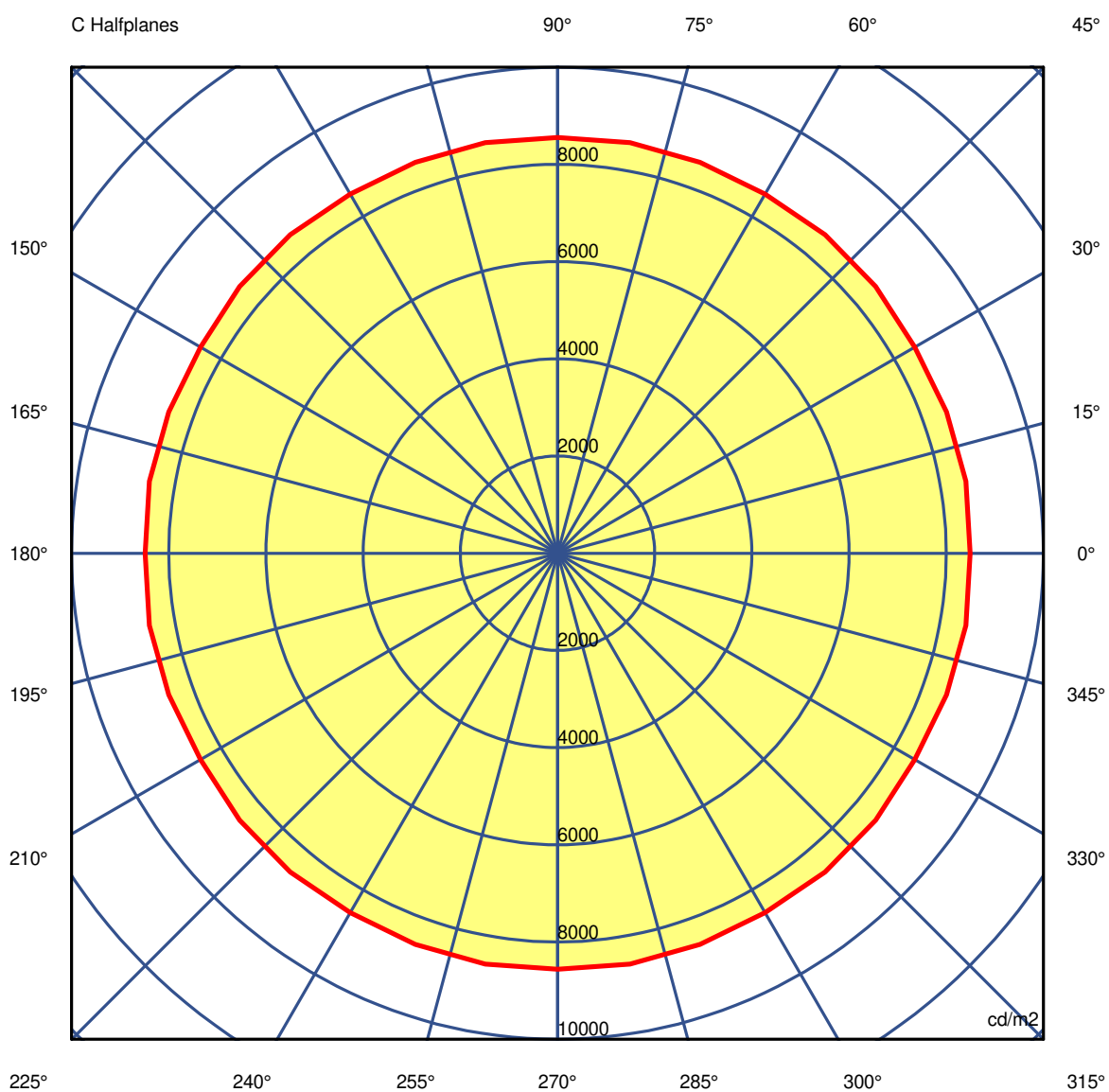
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Luminaire Flux	623 lm	Luminaire Power	7.5 W	Efficacy	82.800 lm/W	Efficiency	64.06%
Source Flux	972 lm	Maximum value	432.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	623 lm		Luminaire Power		7.5 W		Efficacy		82.800 lm/W		Efficiency		64.06%	
Source Flux	972 lm		Maximum value		432.80 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	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	
G 5.0	81930	82098	82143	82103	82125	82143	82122	82105	82106	82122	82106	82105	82122	
G 10.0	65138	65297	65336	65325	65340	65322	65263	65241	65263	65310	65263	65241	65263	
G 15.0	53838	53909	53939	53931	53916	53887	53852	53838	53841	53852	53841	53838	53852	
G 20.0	45231	45279	45317	45323	45281	45230	45196	45177	45174	45185	45174	45177	45196	
G 25.0	36660	36774	36777	36711	36718	36719	36701	36711	36764	36846	36764	36711	36701	
G 30.0	26518	26518	26531	26565	26592	26615	26659	26742	26808	26838	26808	26742	26659	
G 35.0	18167	18209	18242	18280	18338	18362	18366	18423	18501	18575	18501	18423	18366	
G 40.0	12871	12931	12964	12977	12999	13016	13026	13046	13069	13091	13069	13046	13026	
G 45.0	8487	8531	8516	8487	8541	8561	8533	8563	8582	8556	8582	8563	8533	
G 50.0	5354	5348	5346	5354	5376	5407	5428	5421	5407	5398	5407	5421	5428	
G 55.0	3611	3619	3654	3696	3696	3701	3717	3717	3721	3739	3721	3717	3717	
G 60.0	2636	2644	2657	2671	2671	2671	2671	2679	2691	2705	2691	2679	2671	
G 65.0	2071	2085	2097	2105	2109	2112	2112	2126	2132	2132	2132	2126	2112	
G 70.0	1639	1643	1648	1652	1652	1654	1659	1659	1659	1659	1659	1659	1659	
G 75.0	1225	1235	1242	1245	1245	1245	1245	1249	1254	1259	1254	1249	1245	
G 80.0	767	776	782	787	793	792	787	790	796	800	796	790	787	
G 85.0	313	313	311	306	310	317	320	315	314	320	314	315	320	
G 90.0	35	28	30	35	30	29	35	35	35	35	35	35	35	

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Source Flux	972 lm		Maximum value		432.80 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	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312	
G 5.0	82143	82125	82103	82143	82098	81930	82098	82143	82103	82125	82143	82122	82105	
G 10.0	65322	65340	65325	65336	65297	65138	65297	65336	65325	65340	65322	65263	65241	
G 15.0	53887	53916	53931	53939	53909	53838	53909	53939	53931	53916	53887	53852	53838	
G 20.0	45230	45281	45323	45317	45279	45231	45279	45317	45323	45281	45230	45196	45177	
G 25.0	36719	36718	36711	36777	36774	36660	36774	36777	36711	36718	36719	36701	36711	
G 30.0	26615	26592	26565	26531	26518	26518	26518	26531	26565	26592	26615	26659	26742	
G 35.0	18362	18338	18280	18242	18209	18167	18209	18242	18280	18338	18362	18366	18423	
G 40.0	13016	12999	12977	12964	12931	12871	12931	12964	12977	12999	13016	13026	13046	
G 45.0	8561	8541	8487	8516	8531	8487	8531	8516	8487	8541	8561	8533	8563	
G 50.0	5407	5376	5354	5346	5348	5354	5348	5346	5354	5376	5407	5428	5421	
G 55.0	3701	3696	3696	3654	3619	3611	3619	3654	3696	3696	3701	3717	3717	
G 60.0	2671	2671	2671	2657	2644	2636	2644	2657	2671	2671	2671	2671	2679	
G 65.0	2112	2109	2105	2097	2085	2071	2085	2097	2105	2109	2112	2112	2126	
G 70.0	1654	1652	1652	1648	1643	1639	1643	1648	1652	1652	1654	1659	1659	
G 75.0	1245	1245	1245	1242	1235	1225	1235	1242	1245	1245	1245	1245	1249	
G 80.0	792	793	787	782	776	767	776	782	787	793	792	787	790	
G 85.0	317	310	306	311	313	313	313	311	306	310	317	320	315	
G 90.0	29	30	35	30	28	35	28	30	35	30	29	35	35	

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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	109312	109312	109312	109312	109312	109312	109312	109312	109312	109312
G 5.0	82106	82122	82106	82105	82122	82143	82125	82103	82143	82098
G 10.0	65263	65310	65263	65241	65263	65322	65340	65325	65336	65297
G 15.0	53841	53852	53841	53838	53852	53887	53916	53931	53939	53909
G 20.0	45174	45185	45174	45177	45196	45230	45281	45323	45317	45279
G 25.0	36764	36846	36764	36711	36701	36719	36718	36711	36777	36774
G 30.0	26808	26838	26808	26742	26659	26615	26592	26565	26531	26518
G 35.0	18501	18575	18501	18423	18366	18362	18338	18280	18242	18209
G 40.0	13069	13091	13069	13046	13026	13016	12999	12977	12964	12931
G 45.0	8582	8556	8582	8563	8533	8561	8541	8487	8516	8531
G 50.0	5407	5398	5407	5421	5428	5407	5376	5354	5346	5348
G 55.0	3721	3739	3721	3717	3717	3701	3696	3696	3654	3619
G 60.0	2691	2705	2691	2679	2671	2671	2671	2671	2657	2644
G 65.0	2132	2132	2132	2126	2112	2112	2109	2105	2097	2085
G 70.0	1659	1659	1659	1659	1659	1654	1652	1652	1648	1643
G 75.0	1254	1259	1254	1249	1245	1245	1245	1245	1242	1235
G 80.0	796	800	796	790	787	792	793	787	782	776
G 85.0	314	320	314	315	320	317	310	306	311	313
G 90.0	35	35	35	35	35	29	30	35	30	28