

Luminaire

Code 90430L011

Name VEGA /E D100 LIGHT+ 940 MO

Measurem.

Code 9/2/2023

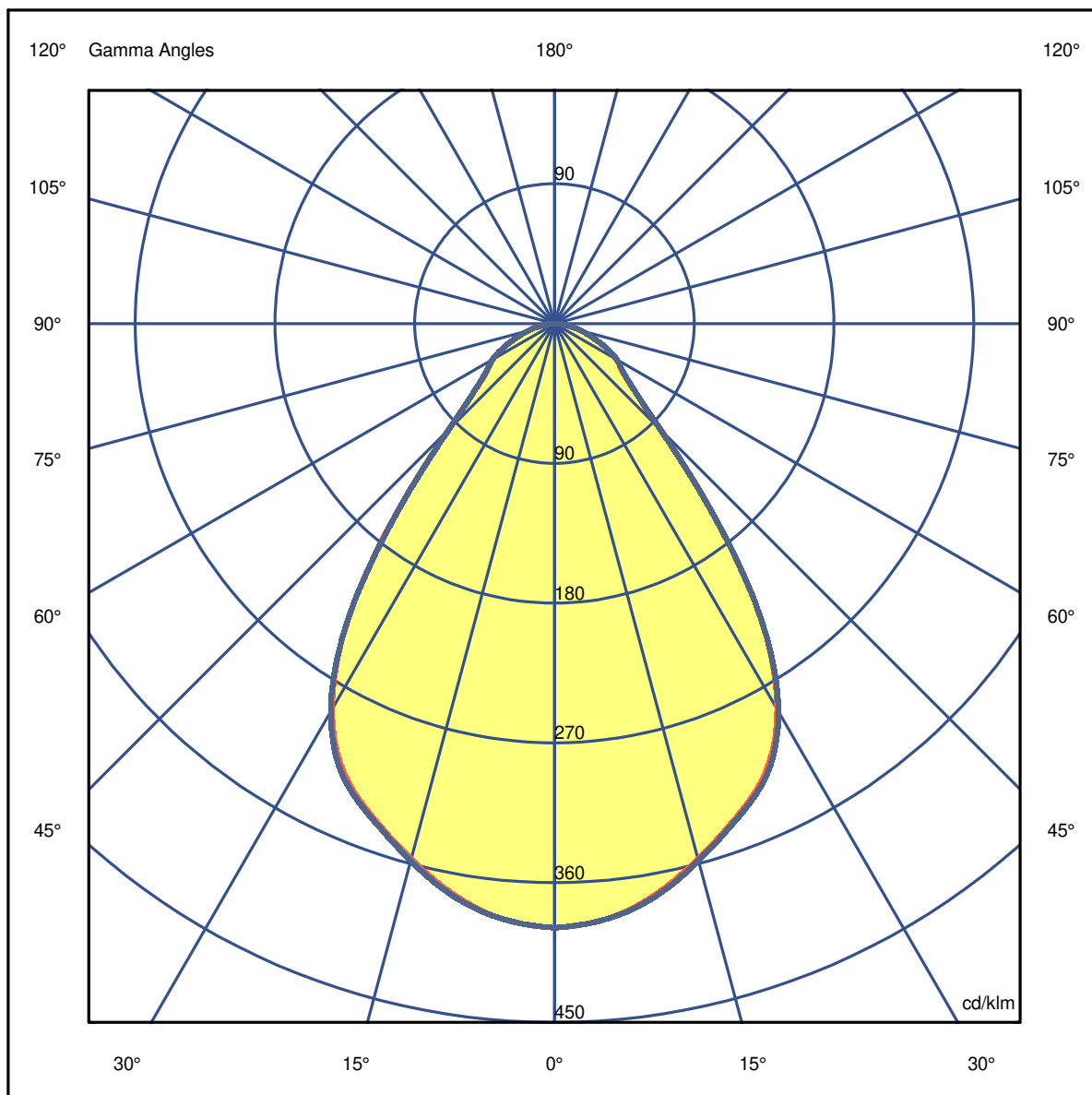
Name VEGA /E D100 LIGHT+ 940 MO

Luminaire Flux	797 lm	Luminaire Power	8.2 W	Efficacy	96.643 lm/W	Efficiency	61.47%
Source Flux	1297 lm	Maximum value	389.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=100mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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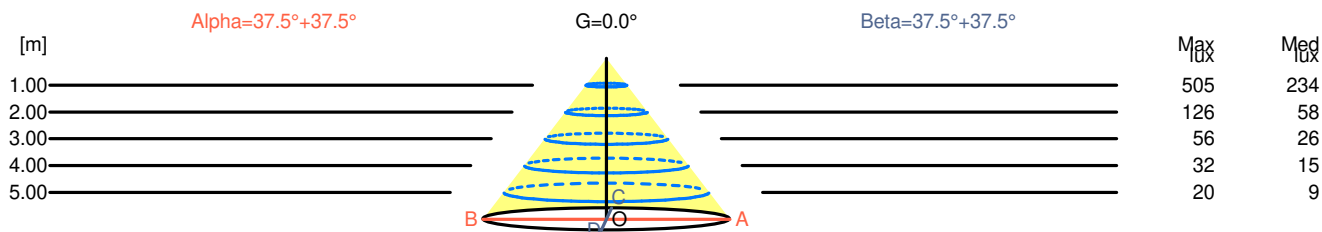
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Source Flux	1297 lm	Maximum value	389.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.77	1.53	2.30	3.07	3.84	OC	0.77	1.53	2.30	3.07	3.83
OB	0.77	1.53	2.30	3.07	3.84	OD	0.77	1.53	2.30	3.07	3.83

	0	5	15	25	35	45	55	65	75	85
OA	504.66	499.09	462.90	415.17	300.26	125.03	69.13	46.43	22.83	6.10
OB	504.66	499.09	462.90	415.17	300.26	125.03	69.13	46.43	22.83	6.10
OC	504.66	499.09	464.46	417.63	300.51	124.38	69.65	46.69	22.96	5.19
OD	504.66	499.09	464.46	417.63	300.51	124.38	69.65	46.69	22.96	5.19



H[m]	D[m]	Max lux	Med lux	Alpha=37.5°+37.5°	G=0.0	
1.00	1.53	505	234			
2.00	3.07	126	58			
3.00	4.60	56	26			
4.00	6.14	32	15			
5.00	7.67	20	9			

H[m]	D[m]	Max lux	Med lux	Beta=37.5°+37.5°	G=0.0	
1.00	1.53	505	234			
2.00	3.07	126	58			
3.00	4.60	56	26			
4.00	6.13	32	15			
5.00	7.67	20	9			

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Source Flux	1297 lm	Maximum value	389.10 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	19.3	20.2	19.5	20.5	20.7	19.3	20.3	19.6	20.5	20.7
x=2H y=3H	19.8	20.7	20.1	20.9	21.2	19.8	20.7	20.1	20.9	21.2
x=2H y=4H	19.9	20.8	20.2	21.0	21.3	19.9	20.8	20.3	21.0	21.3
x=2H y=6H	20.0	20.8	20.3	21.1	21.4	20.0	20.8	20.3	21.1	21.4
x=2H y=8H	20.0	20.8	20.4	21.1	21.4	20.0	20.8	20.4	21.1	21.4
x=2H y=12H	20.0	20.7	20.3	21.0	21.3	20.0	20.7	20.3	21.0	21.3
x=4H y=2H	19.5	20.3	19.8	20.6	20.8	19.5	20.3	19.8	20.6	20.8
x=4H y=3H	20.1	20.8	20.5	21.2	21.5	20.1	20.9	20.5	21.2	21.5
x=4H y=4H	20.4	21.0	20.7	21.3	21.7	20.4	21.0	20.8	21.3	21.7
x=4H y=6H	20.5	21.0	20.9	21.4	21.8	20.5	21.0	20.9	21.4	21.8
x=4H y=8H	20.5	21.0	20.9	21.4	21.8	20.5	21.0	20.9	21.4	21.8
x=4H y=12H	20.5	20.9	20.9	21.4	21.8	20.5	20.9	20.9	21.4	21.8
x=8H y=4H	20.4	20.9	20.8	21.3	21.7	20.4	20.9	20.8	21.3	21.7
x=8H y=6H	20.6	21.0	21.1	21.4	21.9	20.6	21.0	21.1	21.4	21.9
x=8H y=8H	20.6	21.0	21.1	21.4	21.9	20.6	21.0	21.1	21.4	21.9
x=8H y=12H	20.7	20.9	21.1	21.4	21.9	20.6	20.9	21.1	21.4	21.9
x=12H y=4H	20.4	20.8	20.8	21.2	21.7	20.4	20.8	20.8	21.2	21.7
x=12H y=6H	20.6	20.9	21.1	21.4	21.8	20.6	20.9	21.1	21.4	21.8
x=12H y=8H	20.6	20.9	21.1	21.4	21.9	20.6	20.9	21.1	21.4	21.9

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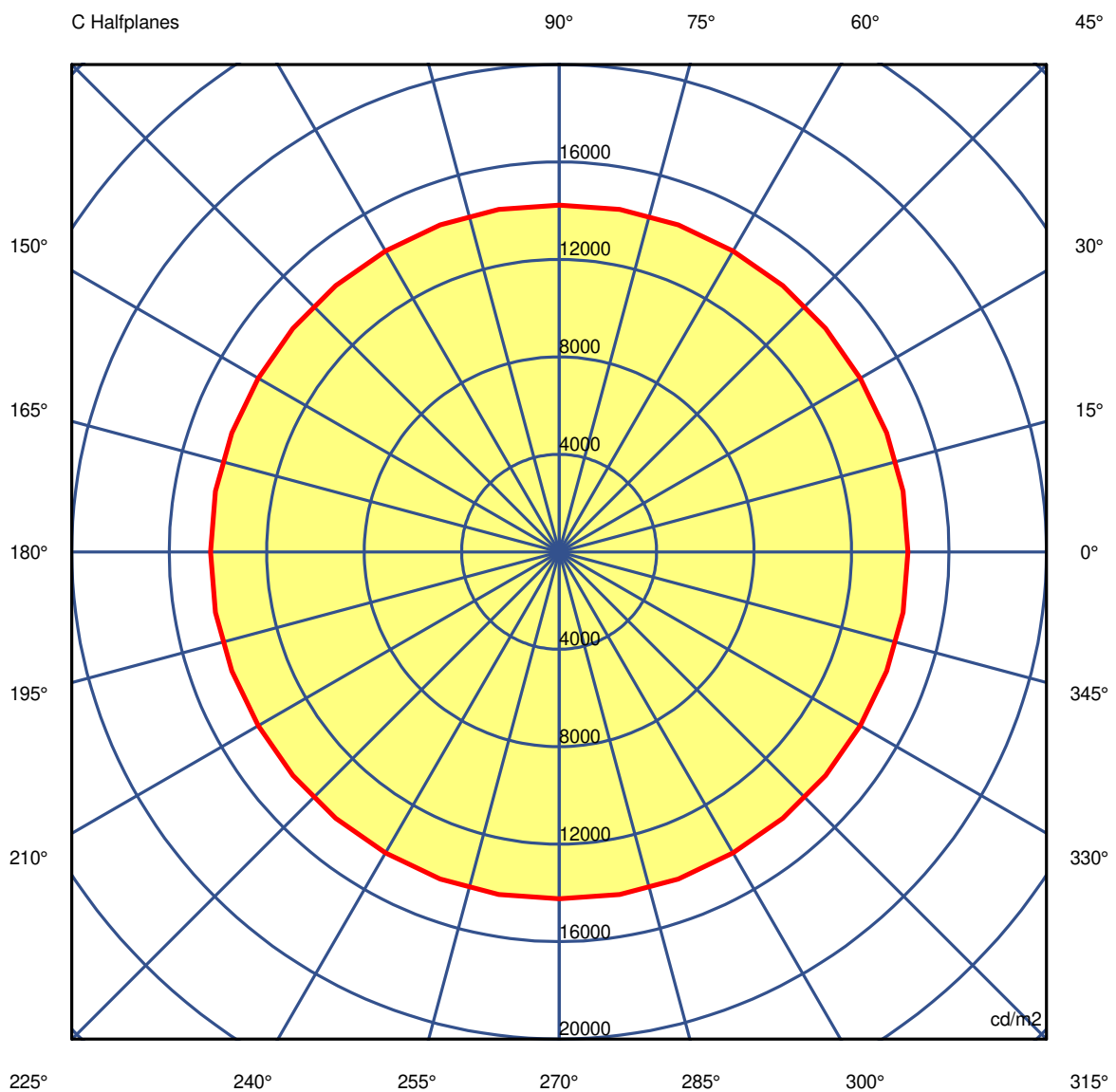
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Luminaire Flux	797 lm	Luminaire Power	8.2 W	Efficacy	96.643 lm/W	Efficiency	61.47%
Source Flux	1297 lm	Maximum value	389.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	1297 lm		Maximum value		389.10 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	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	
G 5.0	102229	102477	102483	102308	102242	102290	102415	102563	102508	102229	102508	102563	102415	
G 10.0	87394	87692	87769	87652	87588	87728	87933	87905	87773	87652	87773	87905	87933	
G 15.0	75160	75490	75532	75370	75354	75437	75539	75622	75580	75412	75580	75622	75539	
G 20.0	65435	65561	65580	65531	65569	65705	65820	65773	65684	65627	65684	65773	65820	
G 25.0	57276	57451	57482	57401	57390	57522	57688	57697	57647	57616	57647	57697	57688	
G 30.0	48213	48404	48440	48364	48365	48443	48532	48571	48547	48482	48547	48571	48532	
G 35.0	36986	36998	37005	36986	36937	36977	37082	37099	37062	37018	37062	37099	37082	
G 40.0	23973	24084	24063	23958	23940	23980	24004	23968	23923	23896	23923	23968	24004	
G 45.0	14304	14324	14300	14260	14268	14270	14260	14283	14280	14230	14280	14283	14260	
G 50.0	9749	9749	9758	9764	9727	9735	9778	9763	9749	9749	9749	9763	9778	
G 55.0	7598	7624	7620	7598	7601	7628	7655	7655	7655	7655	7655	7655	7655	
G 60.0	6490	6514	6515	6504	6511	6523	6532	6543	6546	6546	6546	6543	6532	
G 65.0	5059	5072	5069	5059	5066	5078	5087	5098	5099	5087	5099	5098	5087	
G 70.0	3714	3727	3725	3714	3711	3719	3728	3728	3728	3728	3728	3728	3728	
G 75.0	2542	2566	2568	2556	2556	2556	2556	2556	2556	2556	2556	2556	2556	
G 80.0	1566	1566	1566	1566	1558	1545	1537	1537	1530	1507	1530	1537	1537	
G 85.0	716	716	716	716	707	695	686	679	655	610	655	679	686	
G 90.0	111	111	111	111	100	95	95	95	91	79	91	95	95	

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Source Flux		1297 lm		Maximum value		389.10 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	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577	
G 5.0	102290	102242	102308	102483	102477	102229	102477	102483	102308	102242	102290	102415	102563		
G 10.0	87728	87588	87652	87769	87692	87394	87692	87769	87652	87588	87728	87933	87905		
G 15.0	75437	75354	75370	75532	75490	75160	75490	75532	75370	75354	75437	75539	75622		
G 20.0	65705	65569	65531	65580	65561	65435	65561	65580	65531	65569	65705	65820	65773		
G 25.0	57522	57390	57401	57482	57451	57276	57451	57482	57401	57390	57522	57688	57697		
G 30.0	48443	48365	48364	48440	48404	48213	48404	48440	48364	48365	48443	48532	48571		
G 35.0	36977	36937	36986	37005	36998	36986	36998	37005	36986	36937	36977	37082	37099		
G 40.0	23980	23940	23958	24063	24084	23973	24084	24063	23958	23940	23980	24004	23968		
G 45.0	14270	14268	14260	14300	14324	14304	14324	14300	14260	14268	14270	14260	14283		
G 50.0	9735	9727	9764	9758	9749	9749	9749	9758	9764	9727	9735	9778	9763		
G 55.0	7628	7601	7598	7620	7624	7598	7624	7620	7598	7601	7628	7655	7655		
G 60.0	6523	6511	6504	6515	6514	6490	6514	6515	6504	6511	6523	6532	6543		
G 65.0	5078	5066	5059	5069	5072	5059	5072	5069	5059	5066	5078	5087	5098		
G 70.0	3719	3711	3714	3725	3727	3714	3727	3725	3714	3711	3719	3728	3728		
G 75.0	2556	2556	2556	2568	2566	2542	2566	2568	2556	2556	2556	2556	2556		
G 80.0	1545	1558	1566	1566	1566	1566	1566	1566	1566	1558	1545	1537	1537		
G 85.0	695	707	716	716	716	716	716	716	716	707	695	686	679		
G 90.0	95	100	111	111	111	111	111	111	111	100	95	95	95		

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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	120577	120577	120577	120577	120577	120577	120577	120577	120577	120577
G 5.0	102508	102229	102508	102563	102415	102290	102242	102308	102483	102477
G 10.0	87773	87652	87773	87905	87933	87728	87588	87652	87769	87692
G 15.0	75580	75412	75580	75622	75539	75437	75354	75370	75532	75490
G 20.0	65684	65627	65684	65773	65820	65705	65569	65531	65580	65561
G 25.0	57647	57616	57647	57697	57688	57522	57390	57401	57482	57451
G 30.0	48547	48482	48547	48571	48532	48443	48365	48364	48440	48404
G 35.0	37062	37018	37062	37099	37082	36977	36937	36986	37005	36998
G 40.0	23923	23896	23923	23968	24004	23980	23940	23958	24063	24084
G 45.0	14280	14230	14280	14283	14260	14270	14268	14260	14300	14324
G 50.0	9749	9749	9749	9763	9778	9735	9727	9764	9758	9749
G 55.0	7655	7655	7655	7655	7655	7628	7601	7598	7620	7624
G 60.0	6546	6546	6546	6543	6532	6523	6511	6504	6515	6514
G 65.0	5099	5087	5099	5098	5087	5078	5066	5059	5069	5072
G 70.0	3728	3728	3728	3728	3728	3719	3711	3714	3725	3727
G 75.0	2556	2556	2556	2556	2556	2556	2556	2556	2568	2566
G 80.0	1530	1507	1530	1537	1537	1545	1558	1566	1566	1566
G 85.0	655	610	655	679	686	695	707	716	716	716
G 90.0	91	79	91	95	95	95	100	111	111	111