

Luminaire

Code 90575L008

Name VEGA IP /E D100 LIGHT+ 930 LO

Measurem.

Code 10/2/2023

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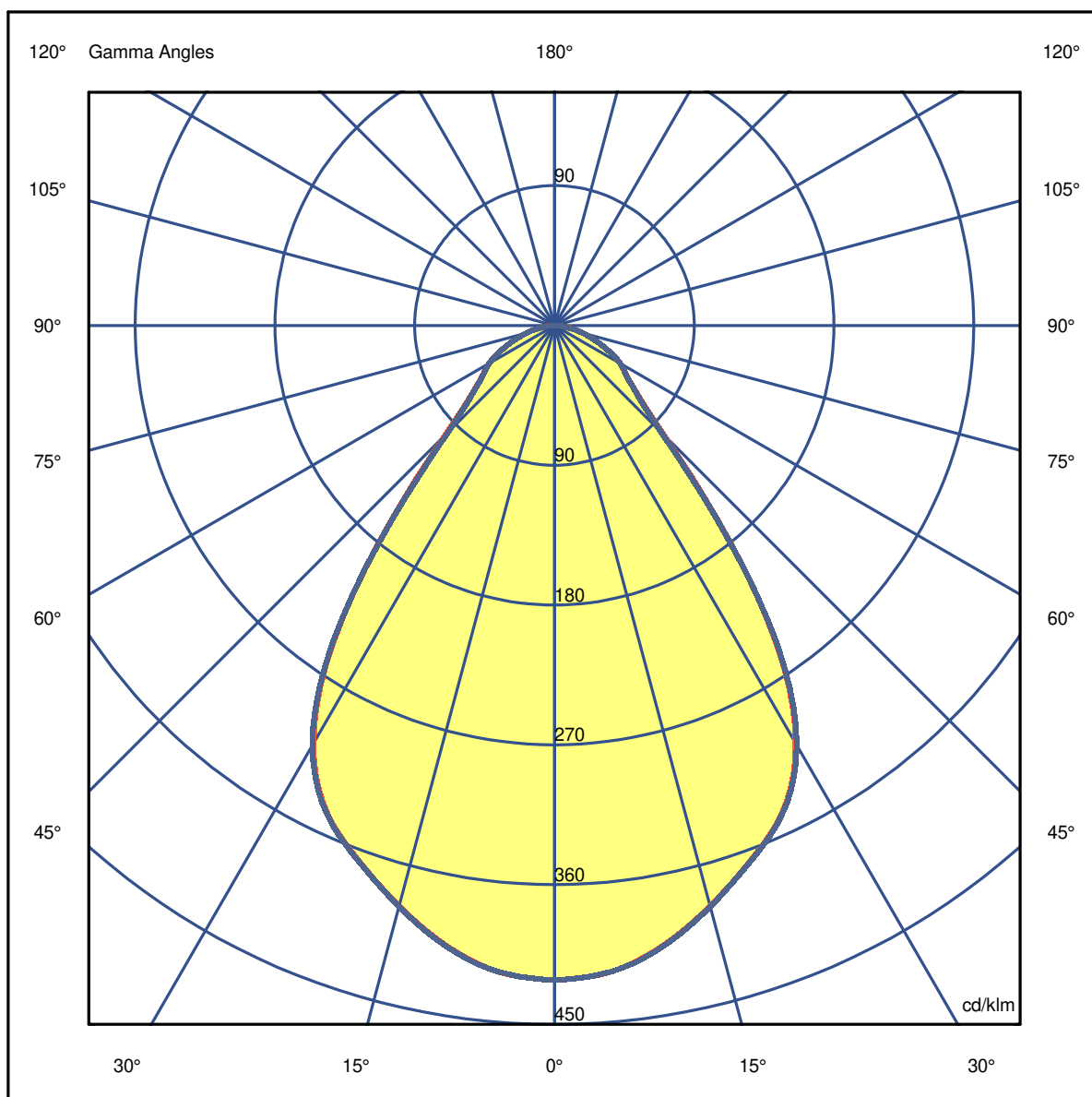
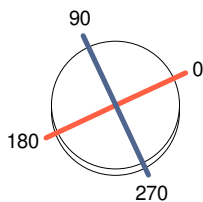
Luminaire Flux	638 lm	Luminaire Power	6.5 W	Efficacy	97.481 lm/W	Efficiency	65.59%
Source Flux	972 lm	Maximum value	421.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=100mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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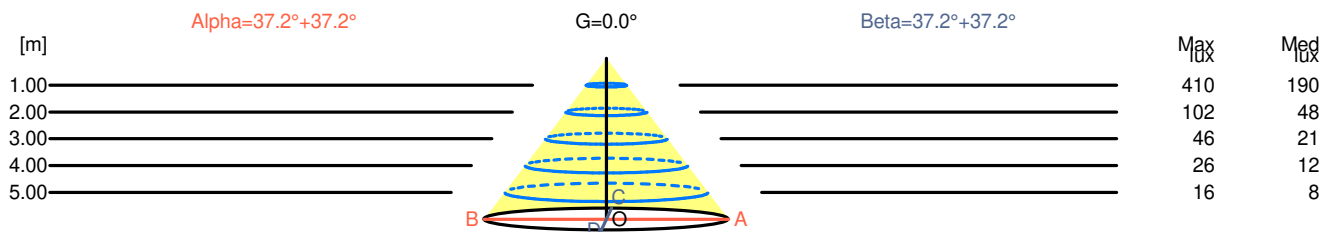
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Width at 50.00 % of Max Intensity

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	0.76	1.52	2.28	3.04	3.80	OC	0.76	1.52	2.28	3.04	3.80
OB	0.76	1.52	2.28	3.04	3.80	OD	0.76	1.52	2.28	3.04	3.80

	0	5	15	25	35	45	55	65	75	85
OA	409.60	405.81	376.16	336.70	241.15	96.33	55.40	37.13	18.27	4.86
OB	409.60	405.81	376.16	336.70	241.15	96.33	55.40	37.13	18.27	4.86
OC	409.60	405.81	376.46	337.28	242.13	94.28	55.02	37.03	18.18	4.08
OD	409.60	405.81	376.46	337.28	242.13	94.28	55.02	37.03	18.18	4.08



H[m]	D[m]	Max lux	Med lux	Alpha=37.2°+37.2°	G=0.0
1.00	1.52	410	190		
2.00	3.04	102	48		
3.00	4.56	46	21		
4.00	6.08	26	12		
5.00	7.60	16	8		

H[m]	D[m]	Max lux	Med lux	Beta=37.2°+37.2°	G=0.0
1.00	1.52	410	190		
2.00	3.04	102	48		
3.00	4.56	46	21		
4.00	6.08	26	12		
5.00	7.60	16	8		

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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	18.4	19.4	18.7	19.6	19.8	18.4	19.4	18.7	19.6	19.8
x=2H y=3H	18.9	19.8	19.2	20.1	20.3	18.9	19.8	19.2	20.1	20.3
x=2H y=4H	19.1	19.9	19.4	20.2	20.5	19.1	19.9	19.4	20.2	20.4
x=2H y=6H	19.2	19.9	19.5	20.2	20.5	19.1	19.9	19.5	20.2	20.5
x=2H y=8H	19.2	19.9	19.5	20.2	20.5	19.1	19.9	19.5	20.2	20.5
x=2H y=12H	19.1	19.9	19.5	20.2	20.5	19.1	19.8	19.5	20.1	20.5
x=4H y=2H	18.6	19.5	18.9	19.7	20.0	18.6	19.5	18.9	19.7	20.0
x=4H y=3H	19.3	20.0	19.6	20.3	20.6	19.3	20.0	19.6	20.3	20.6
x=4H y=4H	19.5	20.1	19.9	20.5	20.9	19.5	20.1	19.9	20.5	20.8
x=4H y=6H	19.7	20.2	20.1	20.6	21.0	19.6	20.2	20.1	20.6	20.9
x=4H y=8H	19.7	20.2	20.1	20.6	21.0	19.7	20.1	20.1	20.5	20.9
x=4H y=12H	19.7	20.1	20.1	20.5	20.9	19.7	20.1	20.1	20.5	20.9
x=8H y=4H	19.6	20.1	20.0	20.5	20.9	19.6	20.1	20.0	20.5	20.9
x=8H y=6H	19.8	20.2	20.2	20.6	21.0	19.7	20.1	20.2	20.6	21.0
x=8H y=8H	19.8	20.1	20.3	20.6	21.1	19.8	20.1	20.3	20.6	21.0
x=8H y=12H	19.8	20.1	20.3	20.6	21.1	19.8	20.1	20.3	20.5	21.0
x=12H y=4H	19.6	20.0	20.0	20.4	20.8	19.6	20.0	20.0	20.4	20.8
x=12H y=6H	19.8	20.1	20.2	20.5	21.0	19.7	20.1	20.2	20.5	21.0
x=12H y=8H	19.8	20.1	20.3	20.6	21.1	19.8	20.1	20.3	20.5	21.0

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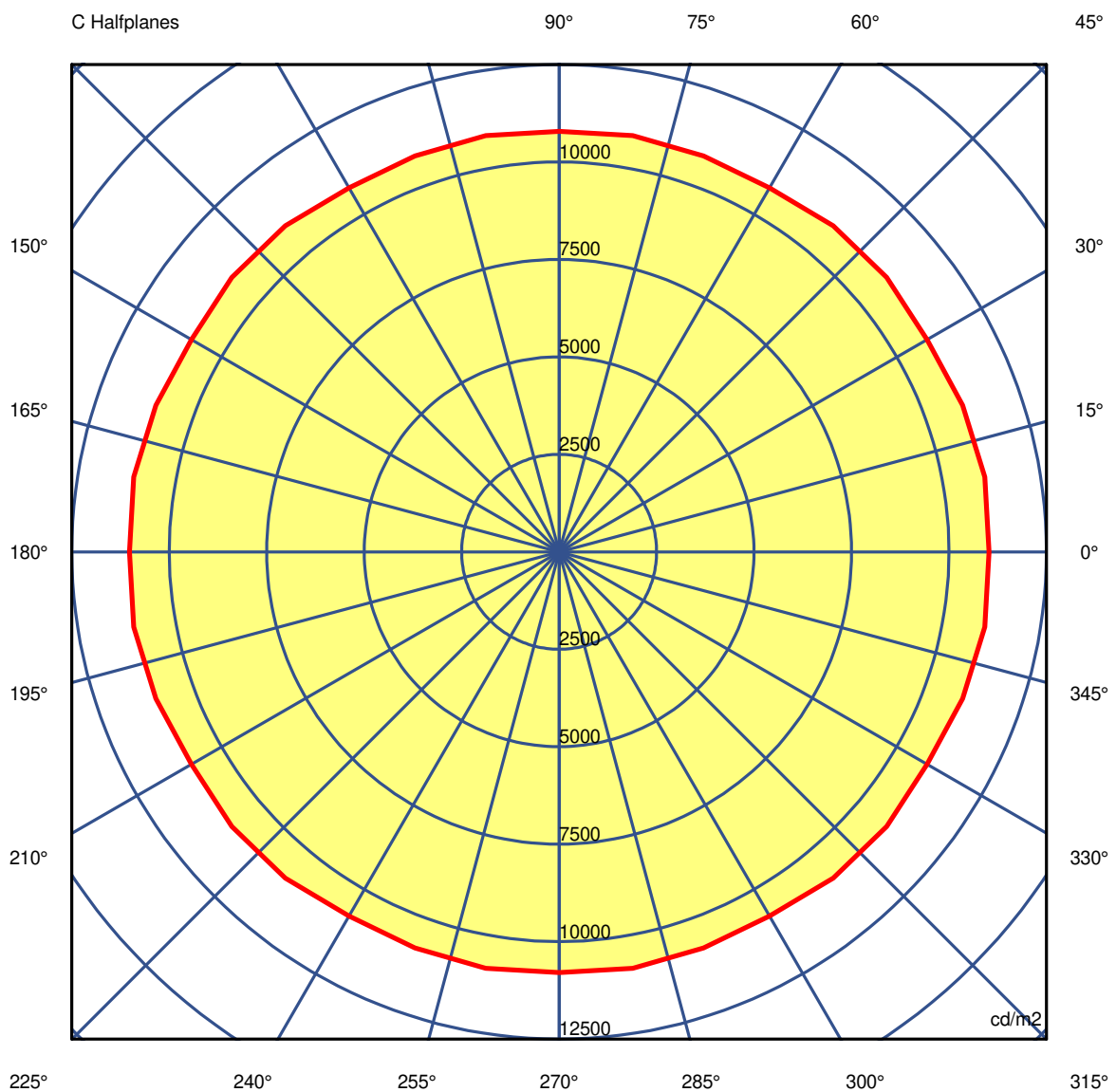
Measurem.

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Luminaire Flux	638 lm	Luminaire Power	6.5 W	Efficacy	97.481 lm/W	Efficiency	65.59%
Source Flux	972 lm	Maximum value	421.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	972 lm		Maximum value		421.40 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	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	
G 5.0	83123	83084	83041	83023	83064	83087	83063	83041	83061	83123	83061	83041	83063	
G 10.0	71038	71085	71078	71055	71104	71125	71091	71072	71081	71108	71081	71072	71091	
G 15.0	61077	61127	61094	61029	61057	61071	61061	61065	61091	61124	61091	61065	61061	
G 20.0	53068	53110	53095	53054	53069	53083	53083	53083	53086	53097	53086	53083	53083	
G 25.0	46451	46390	46402	46451	46438	46458	46504	46477	46472	46531	46472	46477	46504	
G 30.0	39119	39119	39148	39194	39160	39189	39283	39283	39287	39295	39287	39283	39283	
G 35.0	29706	29706	29730	29766	29735	29789	29897	29870	29834	29826	29834	29870	29897	
G 40.0	18770	18803	18758	18690	18710	18649	18540	18598	18647	18655	18647	18598	18540	
G 45.0	11020	11080	11006	10898	10961	10926	10787	10813	10844	10787	10844	10813	10787	
G 50.0	7654	7665	7658	7643	7643	7632	7599	7581	7578	7578	7578	7581	7599	
G 55.0	6090	6090	6085	6068	6052	6047	6047	6047	6047	6047	6047	6047	6047	
G 60.0	5139	5154	5165	5171	5171	5174	5181	5181	5181	5181	5181	5181	5181	
G 65.0	4045	4038	4033	4035	4043	4043	4035	4035	4035	4035	4035	4035	4035	
G 70.0	2965	2965	2965	2965	2957	2954	2954	2954	2954	2954	2954	2954	2954	
G 75.0	2035	2035	2031	2024	2030	2037	2035	2027	2024	2024	2024	2027	2035	
G 80.0	1240	1250	1250	1240	1231	1229	1229	1214	1207	1207	1207	1214	1229	
G 85.0	571	571	567	560	560	557	548	535	512	480	512	535	548	
G 90.0	119	119	106	83	91	90	71	71	71	71	71	71	71	

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Source Flux	972 lm		Maximum value		421.40 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	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865	
G 5.0	83087	83064	83023	83041	83084	83123	83084	83041	83023	83064	83087	83063	83041	
G 10.0	71125	71104	71055	71078	71085	71038	71085	71078	71055	71104	71125	71091	71072	
G 15.0	61071	61057	61029	61094	61127	61077	61127	61094	61029	61057	61071	61061	61065	
G 20.0	53083	53069	53054	53095	53110	53068	53110	53095	53054	53069	53083	53083	53083	
G 25.0	46458	46438	46451	46402	46390	46451	46390	46402	46451	46438	46458	46504	46477	
G 30.0	39189	39160	39194	39148	39119	39119	39119	39148	39194	39160	39189	39283	39283	
G 35.0	29789	29735	29766	29730	29706	29706	29706	29730	29766	29735	29789	29897	29870	
G 40.0	18649	18710	18690	18758	18803	18770	18803	18758	18690	18710	18649	18540	18598	
G 45.0	10926	10961	10898	11006	11080	11020	11080	11006	10898	10961	10926	10787	10813	
G 50.0	7632	7643	7643	7658	7665	7654	7665	7658	7643	7643	7632	7599	7581	
G 55.0	6047	6052	6068	6085	6090	6090	6090	6085	6068	6052	6047	6047	6047	
G 60.0	5174	5171	5171	5165	5154	5139	5154	5165	5171	5171	5174	5181	5181	
G 65.0	4043	4043	4035	4033	4038	4045	4038	4033	4035	4043	4043	4035	4035	
G 70.0	2954	2957	2965	2965	2965	2965	2965	2965	2965	2957	2954	2954	2954	
G 75.0	2037	2030	2024	2031	2035	2035	2035	2031	2024	2030	2037	2035	2027	
G 80.0	1229	1231	1240	1250	1250	1240	1250	1250	1240	1231	1229	1229	1214	
G 85.0	557	560	560	567	571	571	571	567	560	557	557	548	535	
G 90.0	90	91	83	106	119	119	119	106	83	91	90	71	71	

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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	97865	97865	97865	97865	97865	97865	97865	97865	97865	97865
G 5.0	83061	83123	83061	83041	83063	83087	83064	83023	83041	83084
G 10.0	71081	71108	71081	71072	71091	71125	71104	71055	71078	71085
G 15.0	61091	61124	61091	61065	61061	61071	61057	61029	61094	61127
G 20.0	53086	53097	53086	53083	53083	53083	53069	53054	53095	53110
G 25.0	46472	46531	46472	46477	46504	46458	46438	46451	46402	46390
G 30.0	39287	39295	39287	39283	39283	39189	39160	39194	39148	39119
G 35.0	29834	29826	29834	29870	29897	29789	29735	29766	29730	29706
G 40.0	18647	18655	18647	18598	18540	18649	18710	18690	18758	18803
G 45.0	10844	10787	10844	10813	10787	10926	10961	10898	11006	11080
G 50.0	7578	7578	7578	7581	7599	7632	7643	7643	7658	7665
G 55.0	6047	6047	6047	6047	6047	6047	6052	6068	6085	6090
G 60.0	5181	5181	5181	5181	5181	5174	5171	5171	5165	5154
G 65.0	4035	4035	4035	4035	4035	4043	4043	4035	4033	4038
G 70.0	2954	2954	2954	2954	2954	2954	2957	2965	2965	2965
G 75.0	2024	2024	2024	2027	2035	2037	2030	2024	2031	2035
G 80.0	1207	1207	1207	1214	1229	1229	1231	1240	1250	1250
G 85.0	512	480	512	535	548	557	560	560	567	571
G 90.0	71	71	71	71	71	90	91	83	106	119