

Luminaire

Code 90430L015

Name VEGA /E D100 LIGHT+ 940 HO

Measurem.

Code 9/2/2023

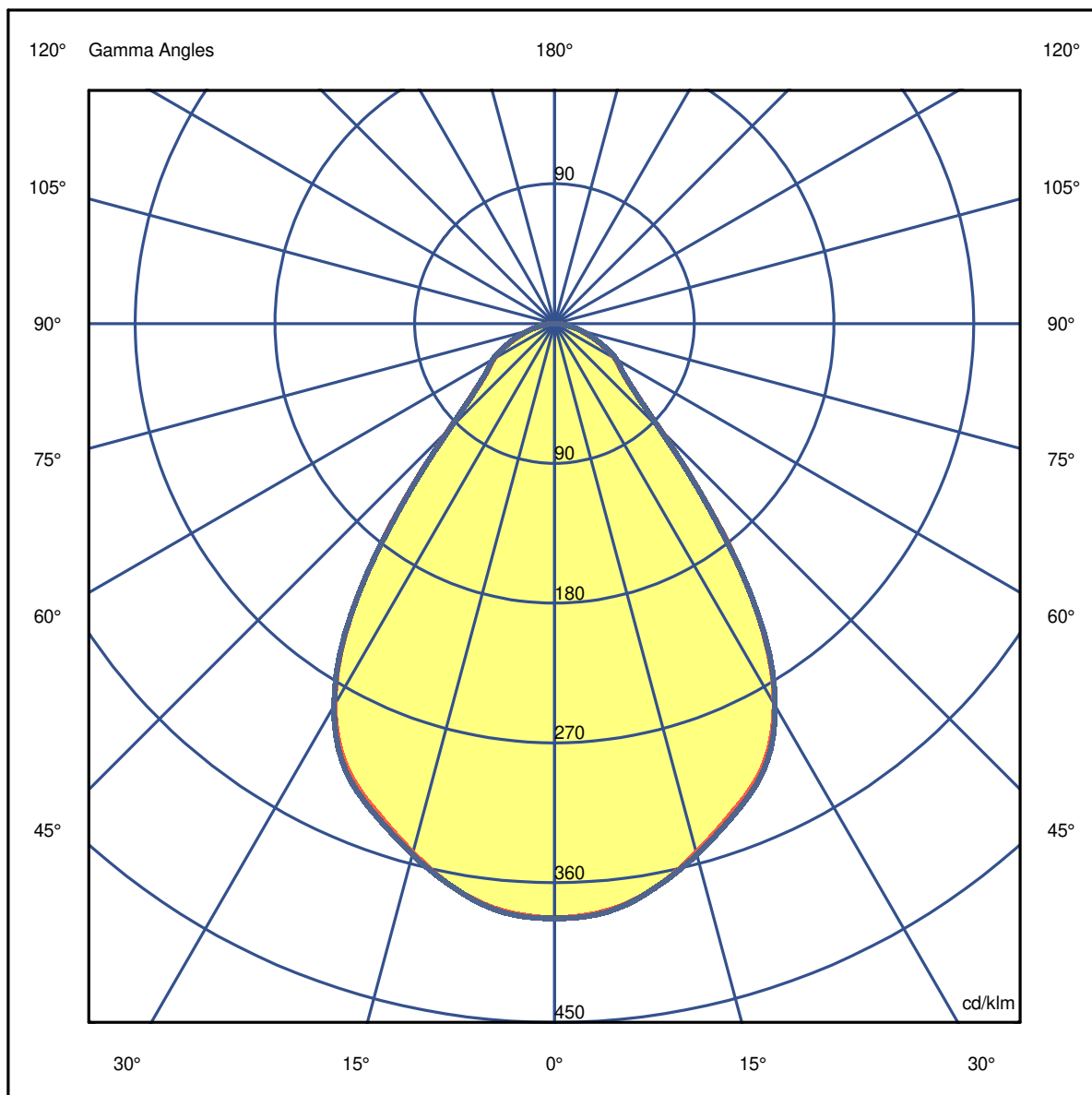
Name VEGA /E D100 LIGHT+ 940 HO

Luminaire Flux	1074 lm	Luminaire Power	11.8 W	Efficacy	91.357 lm/W	Efficiency	60.60%
Source Flux	1773 lm	Maximum value	383.00 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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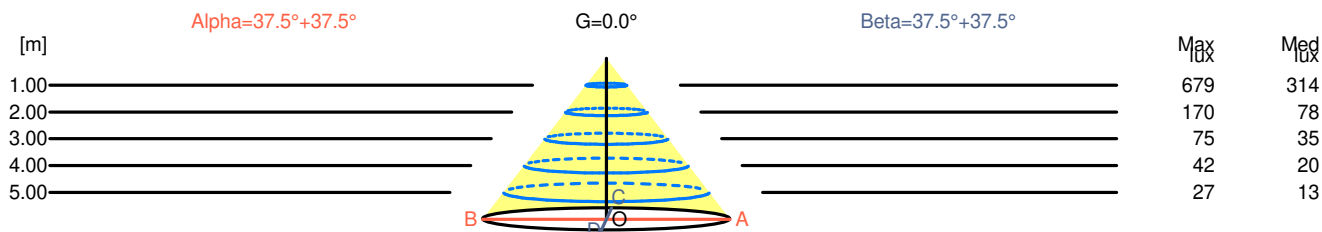
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Width at 50.00 % of Max Intensity

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	0.77	1.54	2.31	3.07	3.84	OC	0.77	1.54	2.30	3.07	3.84
OB	0.77	1.54	2.31	3.07	3.84	OD	0.77	1.54	2.30	3.07	3.84

	0	5	15	25	35	45	55	65	75	85
OA	679.06	673.21	625.34	560.45	405.13	169.50	93.44	62.76	31.03	8.33
OB	679.06	673.21	625.34	560.45	405.13	169.50	93.44	62.76	31.03	8.33
OC	679.06	674.63	627.46	563.81	405.66	168.97	94.15	63.30	31.20	6.91
OD	679.06	674.63	627.46	563.81	405.66	168.97	94.15	63.30	31.20	6.91



H[m]	D[m]	Max lux	Med lux	Alpha=37.5°+37.5°	G=0.0
1.00	1.54	679	314		
2.00	3.07	170	78		
3.00	4.61	75	35		
4.00	6.15	42	20		
5.00	7.68	27	13		

H[m]	D[m]	Max lux	Med lux	Beta=37.5°+37.5°	G=0.0
1.00	1.54	679	314		
2.00	3.07	170	78		
3.00	4.61	75	35		
4.00	6.15	42	20		
5.00	7.68	27	13		

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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	20.3	21.3	20.6	21.5	21.7	20.3	21.3	20.6	21.5	21.7
x=2H y=3H	20.8	21.7	21.1	22.0	22.2	20.8	21.8	21.1	22.0	22.2
x=2H y=4H	21.0	21.8	21.3	22.1	22.3	21.0	21.8	21.3	22.1	22.4
x=2H y=6H	21.0	21.8	21.4	22.1	22.4	21.0	21.8	21.4	22.1	22.4
x=2H y=8H	21.0	21.8	21.4	22.1	22.4	21.0	21.8	21.4	22.1	22.4
x=2H y=12H	21.0	21.7	21.4	22.0	22.4	21.0	21.7	21.4	22.0	22.4
x=4H y=2H	20.5	21.4	20.8	21.6	21.9	20.5	21.4	20.8	21.6	21.9
x=4H y=3H	21.2	21.9	21.5	22.2	22.5	21.2	21.9	21.5	22.2	22.5
x=4H y=4H	21.4	22.0	21.8	22.4	22.7	21.4	22.1	21.8	22.4	22.7
x=4H y=6H	21.5	22.1	21.9	22.4	22.8	21.5	22.1	21.9	22.4	22.8
x=4H y=8H	21.6	22.0	22.0	22.5	22.9	21.6	22.0	22.0	22.4	22.8
x=4H y=12H	21.6	22.0	22.0	22.4	22.8	21.5	22.0	22.0	22.4	22.8
x=8H y=4H	21.5	21.9	21.9	22.3	22.8	21.5	21.9	21.9	22.4	22.8
x=8H y=6H	21.6	22.0	22.1	22.5	22.9	21.6	22.0	22.1	22.5	22.9
x=8H y=8H	21.7	22.0	22.1	22.5	22.9	21.7	22.0	22.1	22.5	22.9
x=8H y=12H	21.7	22.0	22.2	22.5	23.0	21.7	22.0	22.2	22.4	22.9
x=12H y=4H	21.4	21.9	21.9	22.3	22.7	21.4	21.9	21.9	22.3	22.7
x=12H y=6H	21.6	22.0	22.1	22.4	22.9	21.6	22.0	22.1	22.4	22.9
x=12H y=8H	21.7	22.0	22.2	22.4	22.9	21.7	22.0	22.2	22.4	22.9

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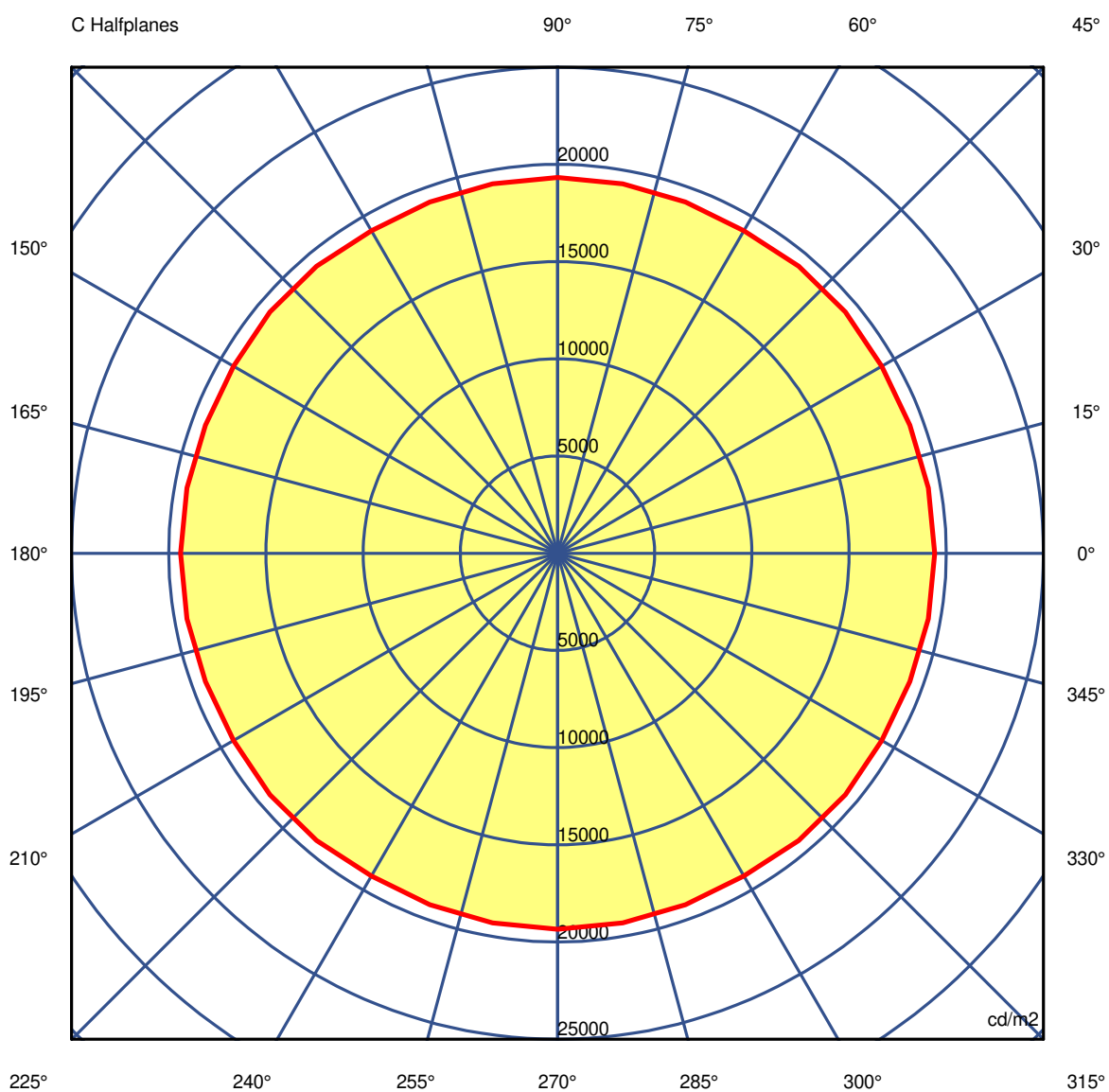
Measurem.

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Luminaire Flux	1074 lm	Luminaire Power	11.8 W	Efficacy	91.357 lm/W	Efficiency	60.60%
Source Flux	1773 lm	Maximum value	383.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	1773 lm		Maximum value		383.00 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	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	
G 5.0	137895	138055	137825	137495	137715	137895	137786	137739	137886	138185	137886	137739	137786	
G 10.0	118188	118152	117994	117868	118029	118067	117964	118103	118188	118188	118188	118103	117964	
G 15.0	101534	101585	101579	101534	101517	101484	101477	101597	101752	101880	101752	101597	101477	
G 20.0	88237	88416	88343	88158	88240	88362	88395	88450	88569	88738	88569	88450	88395	
G 25.0	77318	77367	77343	77318	77424	77461	77440	77577	77719	77783	77719	77577	77440	
G 30.0	65103	65144	65137	65126	65193	65211	65195	65285	65332	65332	65332	65285	65195	
G 35.0	49905	49932	49903	49861	49896	49886	49840	49890	49951	49971	49951	49890	49840	
G 40.0	32415	32399	32394	32394	32366	32300	32226	32307	32362	32310	32362	32307	32226	
G 45.0	19392	19360	19291	19250	19322	19284	19169	19235	19304	19331	19304	19235	19169	
G 50.0	13149	13149	13139	13129	13156	13169	13169	13181	13188	13188	13188	13181	13169	
G 55.0	10270	10252	10258	10270	10252	10265	10309	10326	10333	10348	10333	10326	10309	
G 60.0	8755	8788	8789	8775	8787	8794	8794	8817	8847	8871	8847	8817	8794	
G 65.0	6838	6838	6845	6857	6846	6835	6838	6849	6869	6896	6869	6849	6838	
G 70.0	4999	5014	5019	5019	5019	5012	4999	5008	5031	5058	5031	5008	4999	
G 75.0	3455	3455	3455	3455	3455	3449	3435	3431	3445	3475	3445	3431	3435	
G 80.0	2080	2114	2117	2100	2100	2088	2060	2060	2052	2020	2052	2060	2060	
G 85.0	979	979	979	979	952	927	917	908	874	813	874	908	917	
G 90.0	173	157	152	152	152	138	108	108	105	87	105	108	108	

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Source Flux	1773 lm	Maximum value	383.00 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	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245
G 5.0	137895	137715	137495	137825	138055	137895	138055	137825	137495	137715	137895	137786	137739
G 10.0	118067	118029	117868	117994	118152	118188	118152	117994	117868	118029	118067	117964	118103
G 15.0	101484	101517	101534	101579	101585	101534	101585	101579	101534	101517	101484	101477	101597
G 20.0	88362	88240	88158	88343	88416	88237	88416	88343	88158	88240	88362	88395	88450
G 25.0	77461	77424	77318	77343	77367	77318	77367	77343	77318	77424	77461	77440	77577
G 30.0	65211	65193	65126	65137	65144	65103	65144	65137	65126	65193	65211	65195	65285
G 35.0	49886	49896	49861	49903	49932	49905	49932	49903	49861	49896	49886	49840	49890
G 40.0	32300	32366	32394	32394	32399	32415	32399	32394	32394	32366	32300	32226	32307
G 45.0	19284	19322	19250	19291	19360	19392	19360	19291	19250	19322	19284	19169	19235
G 50.0	13169	13156	13129	13139	13149	13149	13149	13139	13129	13156	13169	13169	13181
G 55.0	10265	10252	10270	10258	10252	10270	10252	10258	10270	10252	10265	10309	10326
G 60.0	8794	8787	8775	8789	8788	8755	8788	8789	8775	8787	8794	8794	8817
G 65.0	6835	6846	6857	6845	6838	6838	6838	6845	6857	6846	6835	6838	6849
G 70.0	5012	5019	5019	5019	5014	4999	5014	5019	5019	5019	5012	4999	5008
G 75.0	3449	3455	3455	3455	3455	3455	3455	3455	3455	3455	3449	3435	3431
G 80.0	2088	2100	2100	2117	2114	2080	2114	2117	2100	2100	2088	2060	2060
G 85.0	927	952	979	979	979	979	979	979	952	952	927	917	908
G 90.0	138	152	152	152	157	173	157	152	152	152	138	108	108

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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	162245	162245	162245	162245	162245	162245	162245	162245	162245	162245
G 5.0	137886	138185	137886	137739	137786	137895	137715	137495	137825	138055
G 10.0	118188	118188	118188	118103	117964	118067	118029	117868	117994	118152
G 15.0	101752	101880	101752	101597	101477	101484	101517	101534	101579	101585
G 20.0	88569	88738	88569	88450	88395	88362	88240	88158	88343	88416
G 25.0	77719	77783	77719	77577	77440	77461	77424	77318	77343	77367
G 30.0	65332	65332	65332	65285	65195	65211	65193	65126	65137	65144
G 35.0	49951	49971	49951	49890	49840	49886	49896	49861	49903	49932
G 40.0	32362	32310	32362	32307	32226	32300	32366	32394	32394	32399
G 45.0	19304	19331	19304	19235	19169	19284	19322	19250	19291	19360
G 50.0	13188	13188	13188	13181	13169	13169	13156	13129	13139	13149
G 55.0	10333	10348	10333	10326	10309	10265	10252	10270	10258	10252
G 60.0	8847	8871	8847	8817	8794	8794	8787	8775	8789	8788
G 65.0	6869	6896	6869	6849	6838	6835	6846	6857	6845	6838
G 70.0	5031	5058	5031	5008	4999	5012	5019	5019	5019	5014
G 75.0	3445	3475	3445	3431	3435	3449	3455	3455	3455	3455
G 80.0	2052	2020	2052	2060	2060	2088	2100	2100	2117	2114
G 85.0	874	813	874	908	917	927	952	979	979	979
G 90.0	105	87	105	108	108	138	152	152	152	157