

**Luminaire**

Code 90446L011

Name VEGA SQ Q100 PRISM+ 940 MO

**Measurem.**

Code 16/2/2023

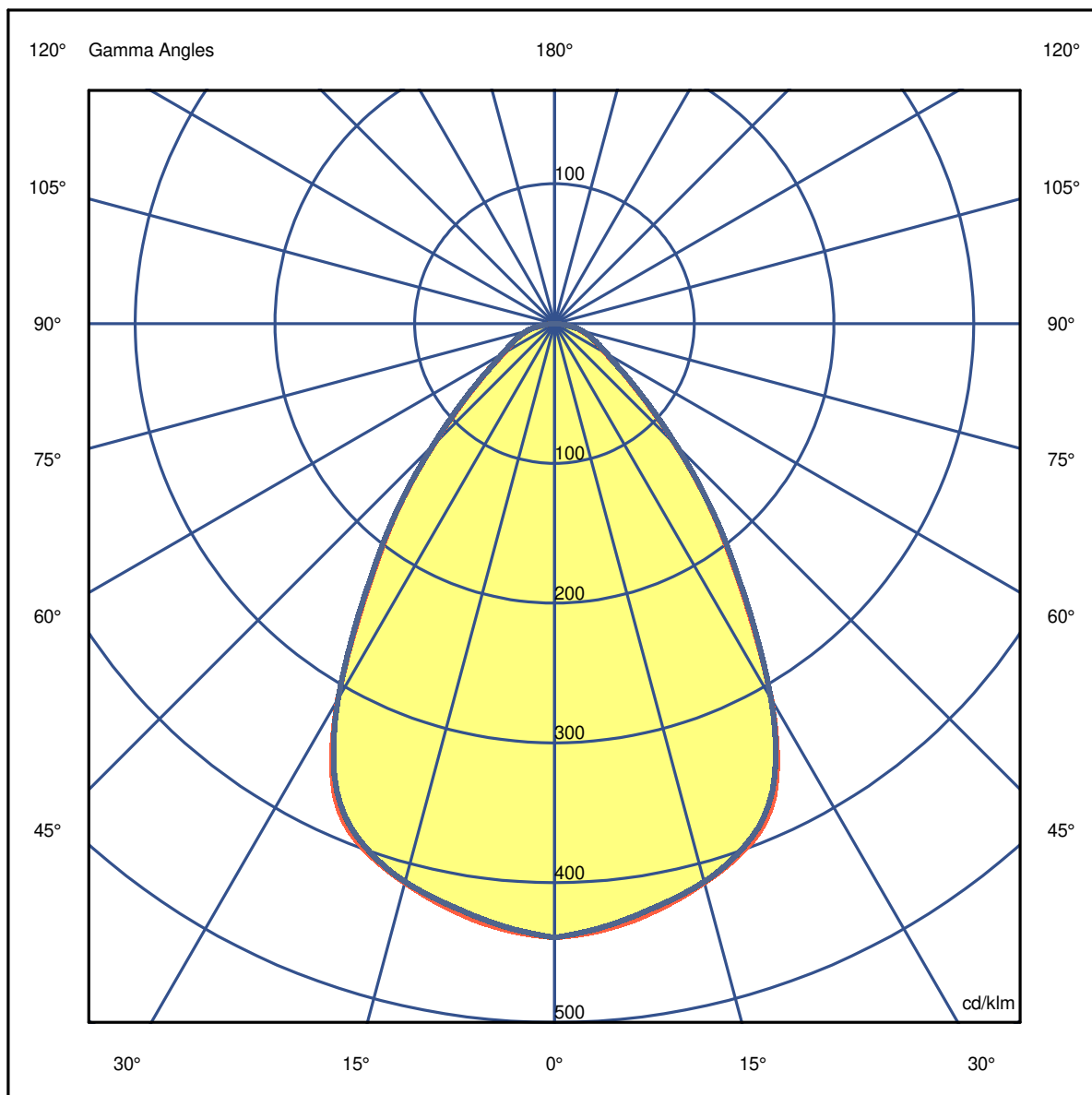
Name VEGA SQ Q100 PRISM+ 940 MO

Luminaire Flux	910 lm	Luminaire Power	9.3 W	Efficacy	97.488 lm/W	Efficiency	70.13%
Source Flux	1297 lm	Maximum value	439.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

100mm x 100mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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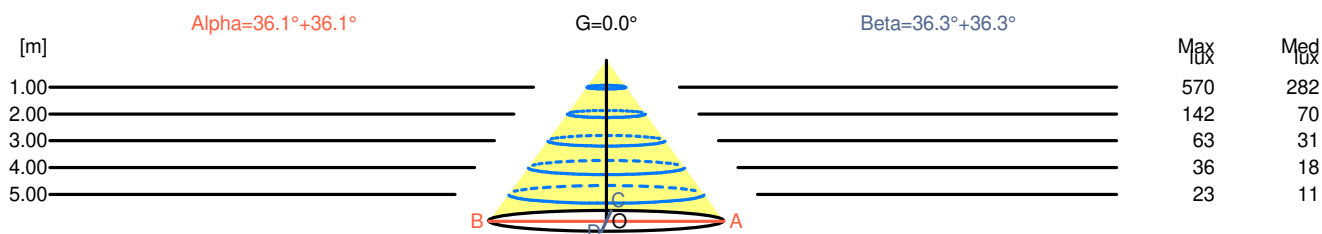
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Width at 50.00 % of Max Intensity

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	0.73	1.46	2.19	2.92	3.65	OC	0.73	1.47	2.20	2.94	3.67
OB	0.73	1.46	2.19	2.92	3.65	OD	0.73	1.47	2.20	2.94	3.67

	0	5	15	25	35	45	55	65	75	85
OA	569.64	563.68	537.09	482.74	303.89	158.49	75.10	43.97	26.33	6.23
OB	569.64	563.68	537.09	482.74	303.89	158.49	75.10	43.97	26.33	6.23
OC	569.64	560.95	536.18	478.33	306.48	160.18	75.36	44.49	27.24	6.23
OD	569.64	560.95	536.18	478.33	306.48	160.18	75.36	44.49	27.24	6.23



H[m]	D[m]	Max lux	Med lux	Alpha=36.1°+36.1°	G=0.0
1.00	1.46	570	282		
2.00	2.92	142	70		
3.00	4.38	63	31		
4.00	5.84	36	18		
5.00	7.30	23	11		

H[m]	D[m]	Max lux	Med lux	Beta=36.3°+36.3°	G=0.0
1.00	1.47	570	282		
2.00	2.94	142	70		
3.00	4.41	63	31		
4.00	5.88	36	18		
5.00	7.34	23	11		

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Source Flux	1297 lm	Maximum value	439.20 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	17.2	18.2	17.5	18.4	18.7	17.3	18.3	17.5	18.5	18.7
x=2H y=3H	17.6	18.5	17.9	18.8	19.0	17.7	18.6	18.0	18.8	19.1
x=2H y=4H	17.8	18.6	18.1	18.9	19.2	17.8	18.7	18.2	18.9	19.2
x=2H y=6H	17.9	18.6	18.2	18.9	19.2	18.0	18.7	18.3	19.0	19.3
x=2H y=8H	17.9	18.6	18.2	18.9	19.2	17.9	18.7	18.3	19.0	19.3
x=2H y=12H	17.8	18.6	18.2	18.9	19.2	17.9	18.7	18.3	19.0	19.3
x=4H y=2H	17.3	18.2	17.6	18.4	18.7	17.3	18.2	17.7	18.5	18.7
x=4H y=3H	17.8	18.5	18.2	18.8	19.2	17.9	18.6	18.2	18.9	19.2
x=4H y=4H	18.1	18.7	18.5	19.0	19.4	18.1	18.8	18.5	19.1	19.5
x=4H y=6H	18.3	18.8	18.7	19.2	19.5	18.3	18.9	18.7	19.2	19.6
x=4H y=8H	18.3	18.8	18.7	19.2	19.6	18.4	18.9	18.8	19.2	19.6
x=4H y=12H	18.3	18.7	18.7	19.1	19.6	18.4	18.8	18.8	19.2	19.6
x=8H y=4H	18.1	18.6	18.5	19.0	19.4	18.2	18.7	18.6	19.1	19.5
x=8H y=6H	18.3	18.7	18.8	19.2	19.6	18.4	18.8	18.9	19.2	19.7
x=8H y=8H	18.4	18.7	18.9	19.2	19.7	18.5	18.8	18.9	19.3	19.7
x=8H y=12H	18.4	18.7	18.9	19.2	19.7	18.5	18.8	19.0	19.3	19.7
x=12H y=4H	18.1	18.6	18.6	19.0	19.4	18.2	18.6	18.6	19.0	19.5
x=12H y=6H	18.3	18.7	18.8	19.1	19.6	18.4	18.7	18.9	19.2	19.7
x=12H y=8H	18.4	18.7	18.9	19.2	19.7	18.5	18.8	19.0	19.2	19.7

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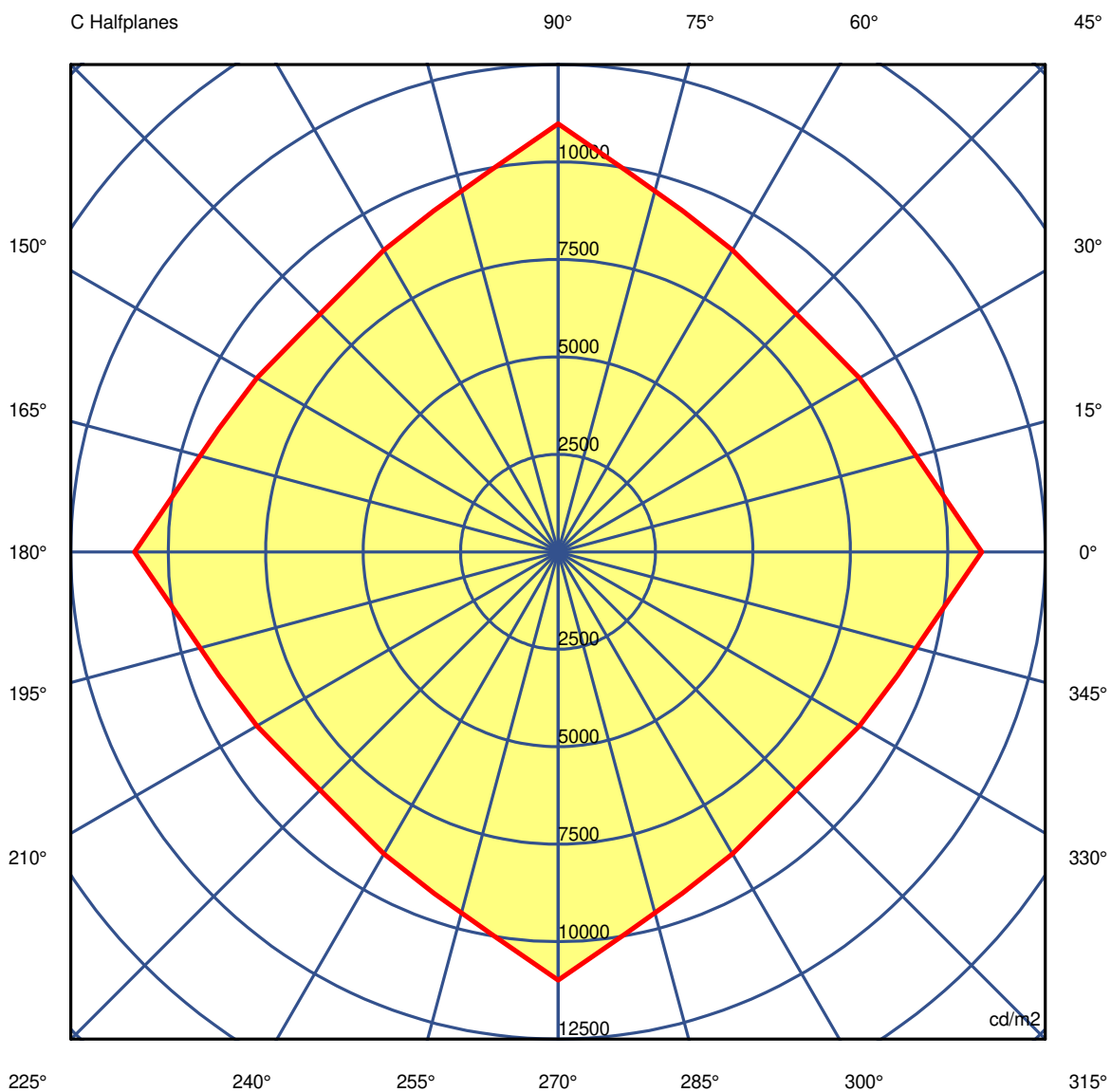
**Measurem.**

Code 16/2/2023

Name VEGA SQ Q100 PRISM+ 940 MO

Luminaire Flux	910 lm	Luminaire Power	9.3 W	Efficacy	97.488 lm/W	Efficiency	70.13%
Source Flux	1297 lm	Maximum value	439.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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**Measur.**

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Luminaire Flux	910 lm	Luminaire Power		9.3 W		Efficacy		97.488 lm/W		Efficiency		70.13%	
Source Flux	1297 lm	Maximum value		439.20 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	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270
G 5.0	81563	79126	77324	76141	75572	75660	76316	77377	78961	81169	78961	77377	76316
G 10.0	67810	64494	62095	60518	59748	59834	60690	62144	64321	67396	64321	62144	60690
G 15.0	57655	53989	51557	50060	49187	49193	50084	51602	54018	57557	54018	51602	50084
G 20.0	49770	46208	43740	42158	41388	41428	42221	43697	46041	49521	46041	43697	42221
G 25.0	42208	38897	36807	35589	34901	34885	35542	36604	38562	41822	38562	36604	35542
G 30.0	32500	29864	28610	28340	28346	28323	28297	28597	29862	32458	29862	28597	28297
G 35.0	23002	21018	20121	20017	20169	20277	20279	20386	21237	23198	21237	20386	20279
G 40.0	16372	14916	14101	13682	13386	13402	13697	14175	15016	16437	15016	14175	13697
G 45.0	10868	9848	9264	8927	8670	8671	8941	9319	9941	10983	9941	9319	8941
G 50.0	7126	6435	6013	5789	5720	5771	5917	6159	6564	7229	6564	6159	5917
G 55.0	4841	4377	4070	3895	3865	3876	3921	4089	4389	4857	4389	4089	3921
G 60.0	3464	3084	2868	2763	2721	2728	2782	2895	3131	3554	3131	2895	2782
G 65.0	2753	2449	2266	2167	2128	2131	2173	2271	2461	2785	2461	2271	2173
G 70.0	2162	1903	1759	1690	1658	1664	1709	1789	1938	2194	1938	1789	1709
G 75.0	1651	1461	1352	1294	1263	1264	1300	1366	1493	1708	1493	1366	1300
G 80.0	1029	910	842	809	804	811	828	866	941	1071	941	866	828
G 85.0	403	343	312	298	289	290	304	335	368	403	368	335	304
G 90.0	43	37	34	32	31	31	32	34	37	43	37	34	32

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Source Flux	1297 lm		Maximum value		439.20 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	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270	
G 5.0	75660	75572	76141	77324	79126	81563	79126	77324	76141	75572	75660	76316	77377		
G 10.0	59834	59748	60518	62095	64494	67810	64494	62095	60518	59748	59834	60690	62144		
G 15.0	49193	49187	50060	51557	53989	57655	53989	51557	50060	49187	49193	50084	51602		
G 20.0	41428	41388	42158	43740	46208	49770	46208	43740	42158	41388	41428	42221	43697		
G 25.0	34885	34901	35589	36807	38897	42208	38897	36807	35589	34901	34885	35542	36604		
G 30.0	28323	28346	28340	28610	29864	32500	29864	28610	28346	28340	28323	28297	28597		
G 35.0	20277	20169	20017	20121	21018	23002	21018	20121	20017	20169	20277	20279	20386		
G 40.0	13402	13386	13682	14101	14916	16372	14916	14101	13682	13386	13402	13697	14175		
G 45.0	8671	8670	8927	9264	9848	10868	9848	9264	8927	8670	8671	8941	9319		
G 50.0	5771	5720	5789	6013	6435	7126	6435	6013	5789	5720	5771	5917	6159		
G 55.0	3876	3865	3895	4070	4377	4841	4377	4070	3895	3865	3876	3921	4089		
G 60.0	2728	2721	2763	2868	3084	3464	3084	2868	2763	2721	2728	2782	2895		
G 65.0	2131	2128	2167	2266	2449	2753	2449	2266	2167	2128	2131	2173	2271		
G 70.0	1664	1658	1690	1759	1903	2162	1903	1759	1690	1658	1664	1709	1789		
G 75.0	1264	1263	1294	1352	1461	1651	1461	1352	1294	1263	1264	1300	1366		
G 80.0	811	804	809	842	910	1029	910	842	809	804	811	828	866		
G 85.0	290	289	298	312	343	403	343	312	298	289	290	304	335		
G 90.0	31	31	32	34	37	43	37	34	32	31	31	32	34		

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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	101270	101270	101270	101270	101270	101270	101270	101270	101270	101270
G 5.0	78961	81169	78961	77377	76316	75660	75572	76141	77324	79126
G 10.0	64321	67396	64321	62144	60690	59834	59748	60518	62095	64494
G 15.0	54018	57557	54018	51602	50084	49193	49187	50060	51557	53989
G 20.0	46041	49521	46041	43697	42221	41428	41388	42158	43740	46208
G 25.0	38562	41822	38562	36604	35542	34885	34901	35589	36807	38897
G 30.0	29862	32458	29862	28597	28297	28323	28346	28340	28610	29864
G 35.0	21237	23198	21237	20386	20279	20277	20169	20017	20121	21018
G 40.0	15016	16437	15016	14175	13697	13402	13386	13682	14101	14916
G 45.0	9941	10983	9941	9319	8941	8671	8670	8927	9264	9848
G 50.0	6564	7229	6564	6159	5917	5771	5720	5789	6013	6435
G 55.0	4389	4857	4389	4089	3921	3876	3865	3895	4070	4377
G 60.0	3131	3554	3131	2895	2782	2728	2721	2763	2868	3084
G 65.0	2461	2785	2461	2271	2173	2131	2128	2167	2266	2449
G 70.0	1938	2194	1938	1789	1709	1664	1658	1690	1759	1903
G 75.0	1493	1708	1493	1366	1300	1264	1263	1294	1352	1461
G 80.0	941	1071	941	866	828	811	804	809	842	910
G 85.0	368	403	368	335	304	290	289	298	312	343
G 90.0	37	43	37	34	32	31	31	32	34	37