

Luminaire

Code 90446L015

Name VEGA SQ Q100 PRISM+ 930 HO

Measurem.

Code 15/2/2023

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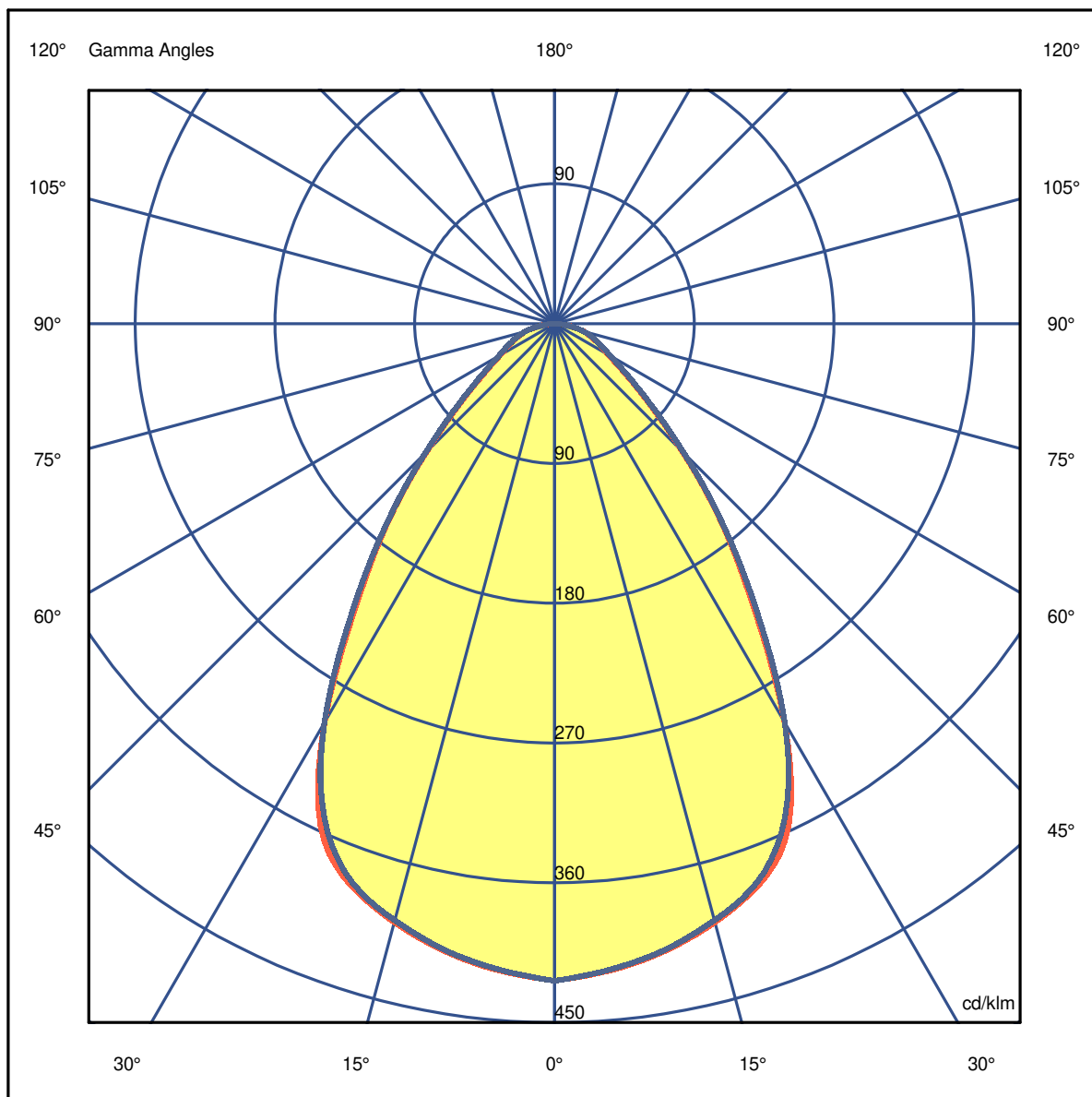
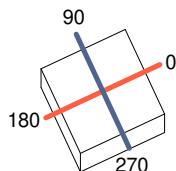
Luminaire Flux	1106 lm	Luminaire Power	13.8 W	Efficacy	79.948 lm/W	Efficiency	67.17%
Source Flux	1646 lm	Maximum value	423.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

100mm x 100mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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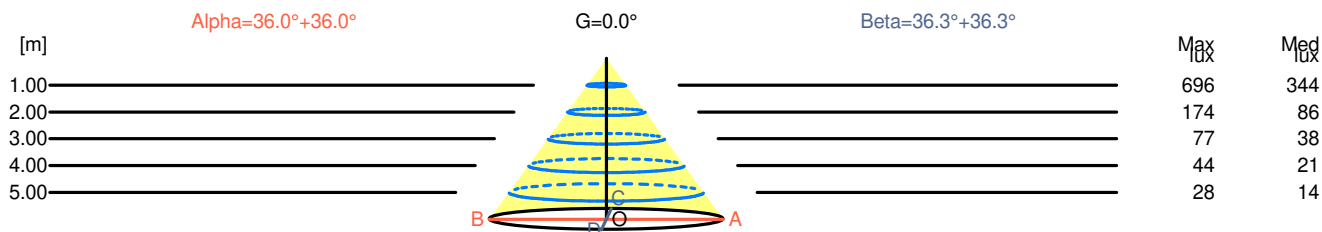
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Width at 50.00 % of Max Intensity

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	1.45	2.18	2.91	3.63	OC	0.73	1.47	2.20	2.94	3.67
OB	0.73	1.45	2.18	2.91	3.63	OD	0.73	1.47	2.20	2.94	3.67

	0	5	15	25	35	45	55	65	75	85
OA	696.26	687.70	656.59	587.13	368.87	191.59	90.20	52.84	32.10	7.24
OB	696.26	687.70	656.59	587.13	368.87	191.59	90.20	52.84	32.10	7.24
OC	696.26	686.71	654.61	577.58	375.45	193.90	92.83	54.15	32.43	7.90
OD	696.26	686.71	654.61	577.58	375.45	193.90	92.83	54.15	32.43	7.90



H[m]	D[m]	Max lux	Med lux	Alpha=36.0°+36.0°	G=0.0
1.00	1.45	696	344		
2.00	2.91	174	86		
3.00	4.36	77	38		
4.00	5.81	44	21		
5.00	7.27	28	14		

H[m]	D[m]	Max lux	Med lux	Beta=36.3°+36.3°	G=0.0
1.00	1.47	696	344		
2.00	2.94	174	86		
3.00	4.41	77	38		
4.00	5.88	44	21		
5.00	7.35	28	14		

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Source Flux	1646 lm	Maximum value	423.00 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	17.9	18.9	18.2	19.1	19.3	18.0	19.0	18.2	19.2	19.4
x=2H y=3H	18.3	19.2	18.6	19.4	19.7	18.4	19.3	18.7	19.5	19.8
x=2H y=4H	18.4	19.3	18.7	19.5	19.8	18.5	19.4	18.8	19.6	19.9
x=2H y=6H	18.5	19.3	18.9	19.6	19.9	18.6	19.4	19.0	19.7	20.0
x=2H y=8H	18.5	19.3	18.9	19.6	19.9	18.6	19.4	19.0	19.7	20.0
x=2H y=12H	18.5	19.2	18.9	19.5	19.9	18.6	19.3	19.0	19.6	20.0
x=4H y=2H	17.9	18.8	18.3	19.1	19.3	18.0	18.9	18.4	19.1	19.4
x=4H y=3H	18.5	19.2	18.8	19.5	19.8	18.6	19.3	18.9	19.6	19.9
x=4H y=4H	18.7	19.4	19.1	19.7	20.0	18.8	19.5	19.2	19.8	20.1
x=4H y=6H	18.9	19.4	19.3	19.8	20.2	19.0	19.5	19.4	19.9	20.3
x=4H y=8H	18.9	19.4	19.4	19.8	20.2	19.0	19.5	19.5	19.9	20.3
x=4H y=12H	18.9	19.4	19.4	19.8	20.2	19.0	19.5	19.5	19.9	20.3
x=8H y=4H	18.8	19.3	19.2	19.7	20.1	18.9	19.4	19.3	19.7	20.2
x=8H y=6H	19.0	19.4	19.5	19.8	20.3	19.1	19.5	19.6	19.9	20.4
x=8H y=8H	19.1	19.4	19.5	19.9	20.3	19.2	19.5	19.6	20.0	20.4
x=8H y=12H	19.1	19.4	19.5	19.8	20.3	19.2	19.5	19.6	19.9	20.4
x=12H y=4H	18.8	19.2	19.2	19.6	20.0	18.8	19.3	19.3	19.7	20.1
x=12H y=6H	19.0	19.3	19.5	19.8	20.3	19.1	19.4	19.6	19.9	20.3
x=12H y=8H	19.1	19.3	19.5	19.8	20.3	19.1	19.4	19.6	19.9	20.4

Luminaire

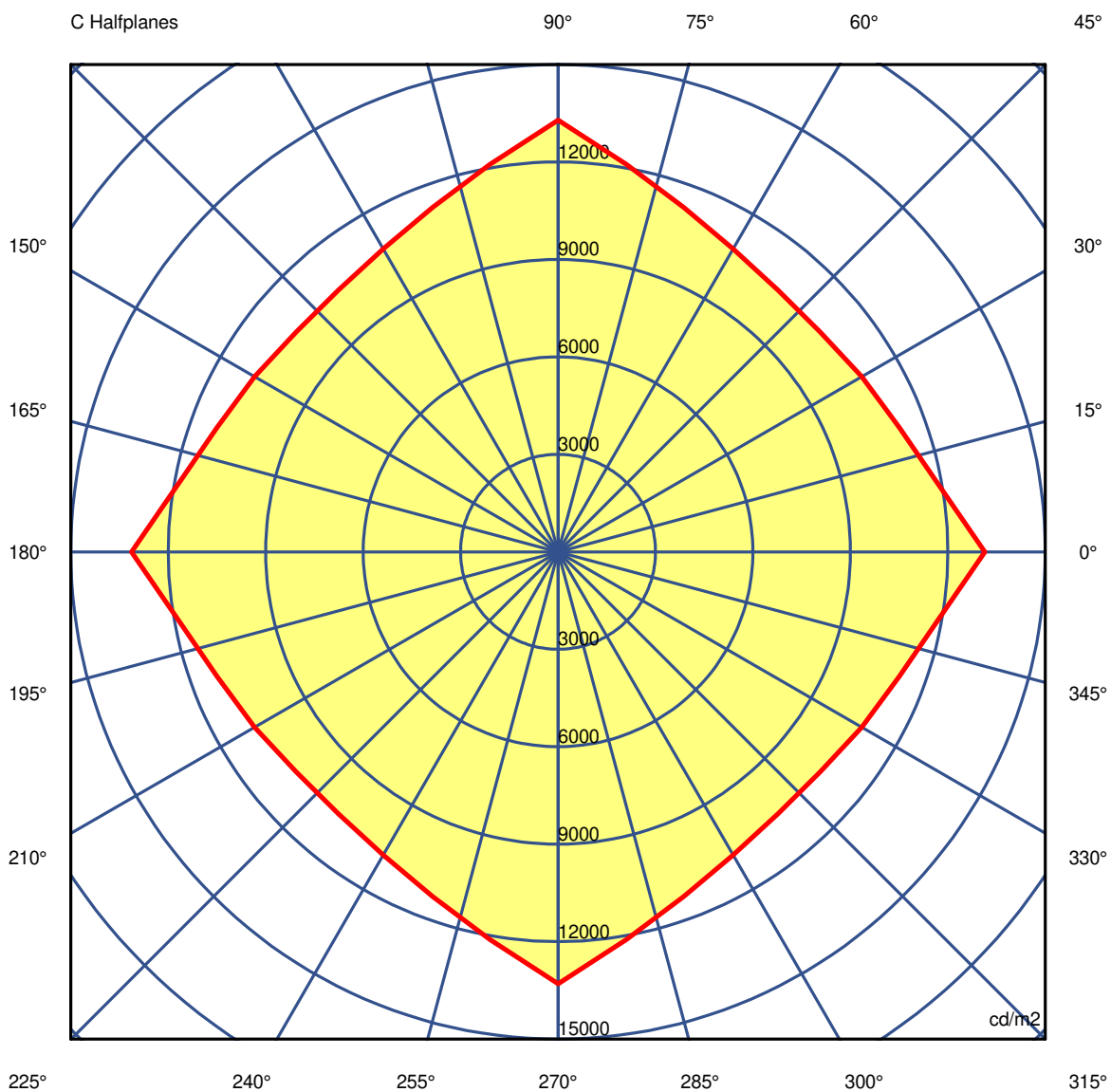
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Luminaire Flux	1106 lm	Luminaire Power	13.8 W	Efficacy	79.948 lm/W	Efficiency	67.17%
Source Flux	1646 lm	Maximum value	423.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	1646 lm	Maximum value		423.00 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	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779
G 5.0	99509	96530	94409	93132	92552	92327	92775	94568	96881	99366	96881	94568	92775
G 10.0	82863	78659	75793	74071	73176	72982	73727	75791	78814	82702	78814	75791	73727
G 15.0	70483	66023	62970	61093	60165	60026	60817	62858	65991	70271	65991	62858	60817
G 20.0	60745	56288	53317	51507	50569	50472	51306	53202	56166	60397	56166	53202	51306
G 25.0	51335	47239	44697	43287	42536	42384	42940	44383	46822	50500	46822	44383	42940
G 30.0	39409	36264	34748	34376	34311	34207	34169	34675	36320	39462	36320	34675	34169
G 35.0	27921	25566	24483	24327	24481	24572	24609	24954	26117	28419	26117	24954	24609
G 40.0	19798	18059	17077	16582	16302	16314	16630	17184	18204	19940	18204	17184	16630
G 45.0	13137	11891	11178	10794	10529	10524	10776	11294	12116	13295	12116	11294	10776
G 50.0	8630	7768	7250	6989	6919	6950	7091	7439	7979	8771	7979	7439	7091
G 55.0	5814	5278	4913	4713	4713	4701	4705	4972	5407	5984	5407	4972	4705
G 60.0	4198	3739	3479	3363	3338	3347	3403	3582	3885	4343	3885	3582	3403
G 65.0	3308	2948	2743	2640	2591	2585	2632	2761	2998	3391	2998	2761	2632
G 70.0	2610	2313	2140	2052	2019	2026	2075	2189	2377	2672	2377	2189	2075
G 75.0	2013	1766	1629	1573	1537	1534	1573	1647	1787	2034	1787	1647	1573
G 80.0	1254	1103	1016	973	962	967	988	1046	1137	1275	1137	1046	988
G 85.0	469	414	378	362	373	382	394	419	458	512	458	419	394
G 90.0	44	38	34	32	44	44	40	65	88	110	88	65	40

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Source Flux	1646 lm	Maximum value		423.00 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	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779
G 5.0	92327	92552	93132	94409	96530	99509	96530	94409	93132	92552	92327	92775	94568
G 10.0	72982	73176	74071	75793	78659	82863	78659	75793	74071	73176	72982	73727	75791
G 15.0	60026	60165	61093	62970	66023	70483	66023	62970	61093	60165	60026	60817	62858
G 20.0	50472	50569	51507	53317	56288	60745	56288	53317	51507	50569	50472	51306	53202
G 25.0	42384	42536	43287	44697	47239	51335	47239	44697	43287	42536	42384	42940	44383
G 30.0	34207	34311	34376	34748	36264	39409	36264	34748	34376	34311	34207	34169	34675
G 35.0	24572	24481	24327	24483	25566	27921	25566	24483	24327	24481	24572	24609	24954
G 40.0	16314	16302	16582	17077	18059	19798	18059	17077	16582	16302	16314	16630	17184
G 45.0	10524	10529	10794	11178	11891	13137	11891	11178	10794	10529	10524	10776	11294
G 50.0	6950	6919	6989	7250	7768	8630	7768	7250	6989	6919	6950	7091	7439
G 55.0	4701	4713	4713	4913	5278	5814	5278	4913	4713	4713	4701	4705	4972
G 60.0	3347	3338	3363	3479	3739	4198	3739	3479	3363	3338	3347	3403	3582
G 65.0	2585	2591	2640	2743	2948	3308	2948	2743	2640	2591	2585	2632	2761
G 70.0	2026	2019	2052	2140	2313	2610	2313	2140	2052	2019	2026	2075	2189
G 75.0	1534	1537	1573	1629	1766	2013	1766	1629	1573	1537	1534	1573	1647
G 80.0	967	962	973	1016	1103	1254	1103	1016	973	962	967	988	1046
G 85.0	382	373	362	378	414	469	414	378	362	373	382	394	419
G 90.0	44	44	32	34	38	44	38	34	32	44	44	40	65

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Source Flux	1646 lm	Maximum value	423.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	123779	123779	123779	123779	123779	123779	123779	123779	123779	123779
G 5.0	96881	99366	96881	94568	92775	92327	92552	93132	94409	96530
G 10.0	78814	82702	78814	75791	73727	72982	73176	74071	75793	78659
G 15.0	65991	70271	65991	62858	60817	60026	60165	61093	62970	66023
G 20.0	56166	60397	56166	53202	51306	50472	50569	51507	53317	56288
G 25.0	46822	50500	46822	44383	42940	42384	42536	43287	44697	47239
G 30.0	36320	39462	36320	34675	34169	34207	34311	34376	34748	36264
G 35.0	26117	28419	26117	24954	24609	24572	24481	24327	24483	25566
G 40.0	18204	19940	18204	17184	16630	16314	16302	16582	17077	18059
G 45.0	12116	13295	12116	11294	10776	10524	10529	10794	11178	11891
G 50.0	7979	8771	7979	7439	7091	6950	6919	6989	7250	7768
G 55.0	5407	5984	5407	4972	4705	4701	4713	4713	4913	5278
G 60.0	3885	4343	3885	3582	3403	3347	3338	3363	3479	3739
G 65.0	2998	3391	2998	2761	2632	2585	2591	2640	2743	2948
G 70.0	2377	2672	2377	2189	2075	2026	2019	2052	2140	2313
G 75.0	1787	2034	1787	1647	1573	1534	1537	1573	1629	1766
G 80.0	1137	1275	1137	1046	988	967	962	973	1016	1103
G 85.0	458	512	458	419	394	382	373	362	378	414
G 90.0	88	110	88	65	40	44	44	32	34	38