

Luminaire

Code 90446L011

Name VEGA SQ Q100 PRISM+ 930 MO

Measur.

Code 15/2/2023

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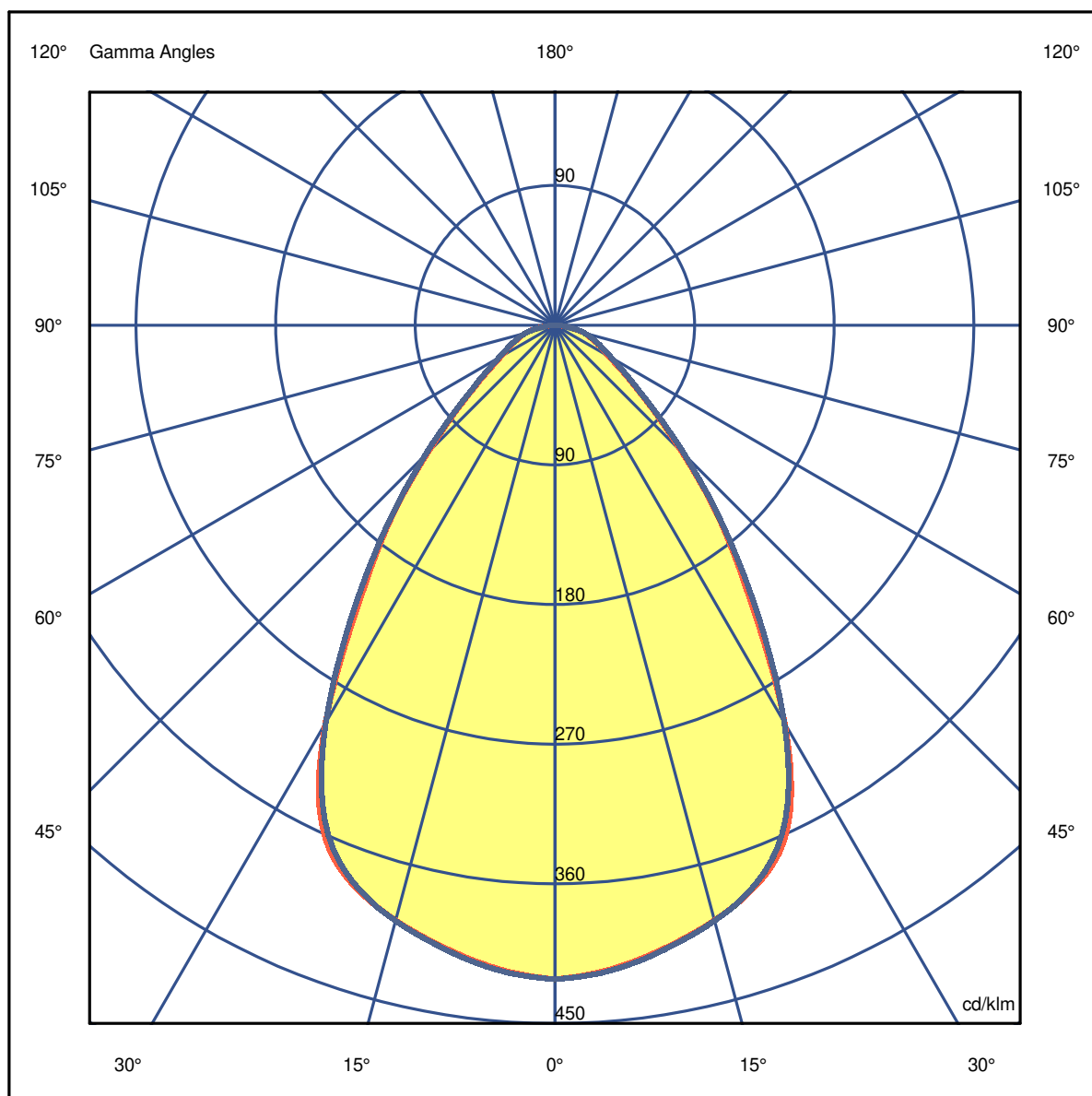
Luminaire Flux	807 lm	Luminaire Power	9.3 W	Efficacy	86.491 lm/W	Efficiency	67.02%
Source Flux	1204 lm	Maximum value	421.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

100mm x 100mm

C Halfplanes

180.0 0.0

270.0 90.0



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Code 50446L011
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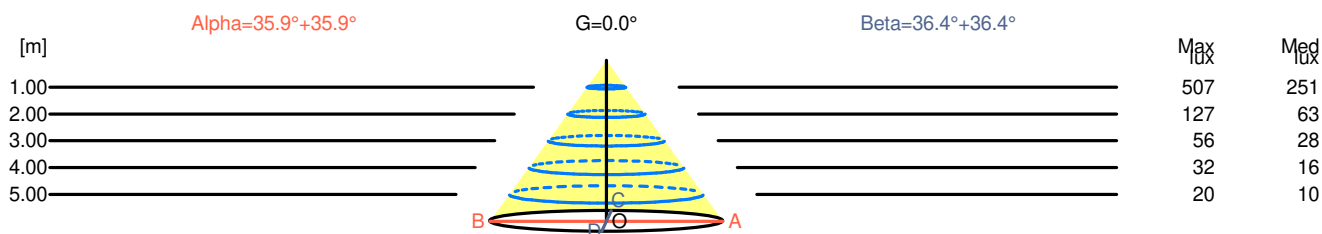
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Width at 50.00 % of Max Intensity


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	0.72	1.45	2.17	2.90	3.62	OC	0.74	1.47	2.21	2.95	3.68
OB	0.72	1.45	2.17	2.90	3.62	OD	0.74	1.47	2.21	2.95	3.68

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	507.49	501.35	477.99	428.14	267.65	139.42	66.22	38.65	23.48	5.30
OB	507.49	501.35	477.99	428.14	267.65	139.42	66.22	38.65	23.48	5.30
OC	507.49	502.43	478.35	422.97	274.87	142.67	67.91	39.73	23.84	6.02
OD	507.49	502.43	478.35	422.97	274.87	142.67	67.91	39.73	23.84	6.02



H[m]	D[m]	Max lux	Med lux	Alpha=35.9°+35.9°	G=0.0	
1.00	1.45	507	251			
2.00	2.90	127	63			
3.00	4.35	56	28			
4.00	5.80	32	16			
5.00	7.24	20	10			

H[m]	D[m]	Max lux	Med lux	Beta=36.4°+36.4°	G=0.0	
1.00	1.47	507	251			
2.00	2.95	127	63			
3.00	4.42	56	28			
4.00	5.90	32	16			
5.00	7.37	20	10			

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Source Flux	1204 lm	Maximum value	421.50 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	16.8	17.8	17.1	18.0	18.2	16.9	17.9	17.2	18.1	18.3
x=2H y=3H	17.2	18.1	17.5	18.3	18.6	17.3	18.2	17.6	18.4	18.7
x=2H y=4H	17.3	18.2	17.7	18.4	18.7	17.4	18.3	17.8	18.6	18.8
x=2H y=6H	17.4	18.2	17.8	18.5	18.8	17.5	18.3	17.9	18.6	18.9
x=2H y=8H	17.4	18.2	17.8	18.5	18.8	17.5	18.3	17.9	18.6	18.9
x=2H y=12H	17.4	18.1	17.8	18.4	18.8	17.5	18.3	17.9	18.6	18.9
x=4H y=2H	16.9	17.7	17.2	18.0	18.2	17.0	17.8	17.3	18.1	18.3
x=4H y=3H	17.4	18.1	17.7	18.4	18.7	17.5	18.2	17.8	18.5	18.8
x=4H y=4H	17.7	18.3	18.0	18.6	19.0	17.7	18.4	18.1	18.7	19.1
x=4H y=6H	17.8	18.3	18.2	18.7	19.1	17.9	18.4	18.3	18.8	19.2
x=4H y=8H	17.8	18.3	18.3	18.7	19.1	17.9	18.4	18.4	18.8	19.2
x=4H y=12H	17.8	18.3	18.3	18.7	19.1	18.0	18.4	18.4	18.8	19.2
x=8H y=4H	17.7	18.2	18.1	18.6	19.0	17.8	18.3	18.2	18.7	19.1
x=8H y=6H	17.9	18.3	18.4	18.7	19.2	18.0	18.4	18.5	18.8	19.3
x=8H y=8H	18.0	18.3	18.4	18.7	19.2	18.1	18.4	18.5	18.8	19.3
x=8H y=12H	18.0	18.3	18.5	18.7	19.2	18.1	18.4	18.6	18.8	19.3
x=12H y=4H	17.7	18.1	18.1	18.5	19.0	17.8	18.2	18.2	18.6	19.1
x=12H y=6H	17.9	18.2	18.4	18.7	19.2	18.0	18.3	18.5	18.8	19.3
x=12H y=8H	18.0	18.3	18.4	18.7	19.2	18.1	18.4	18.5	18.8	19.3

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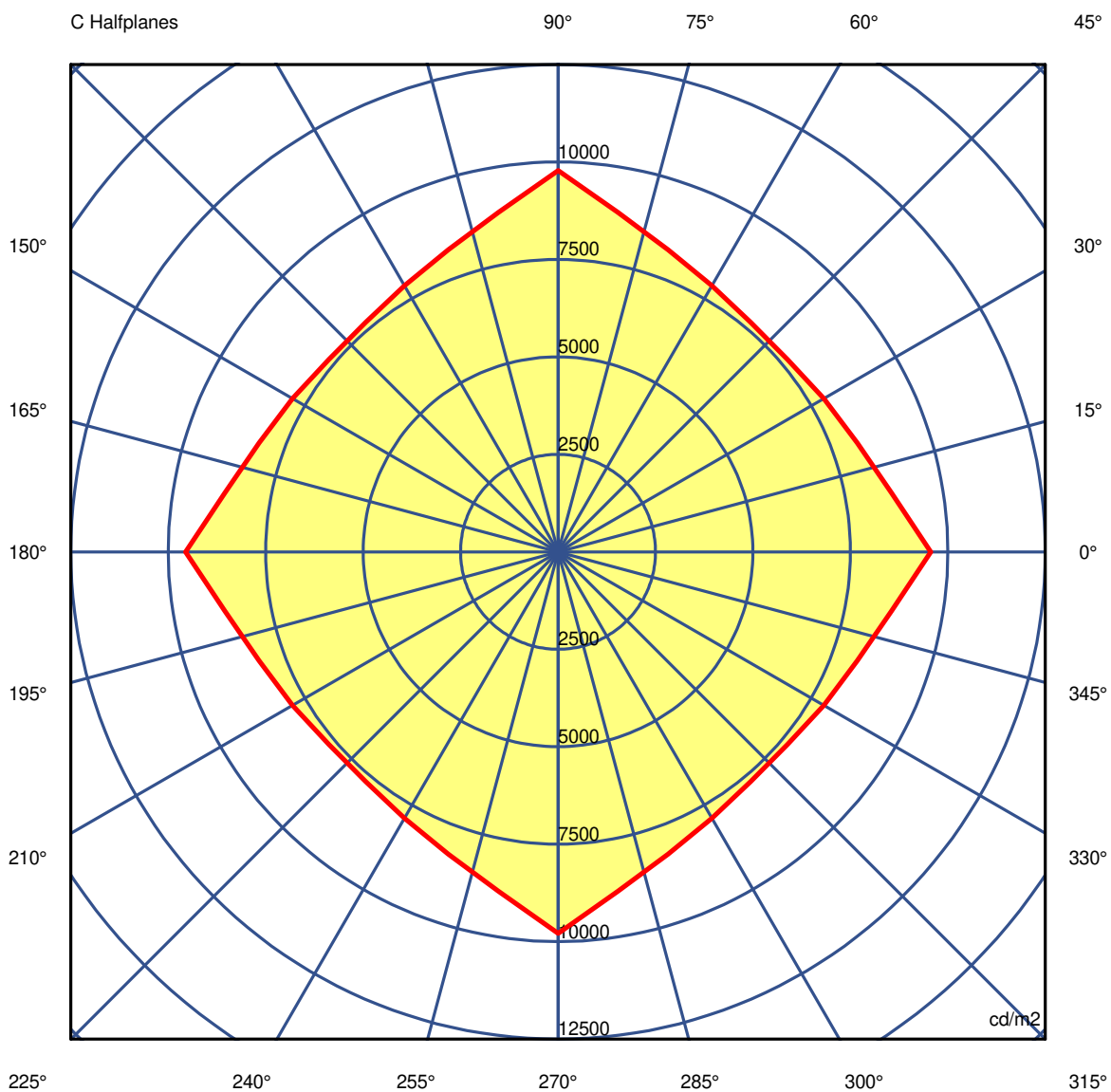
Measurem.

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Luminaire Flux	807 lm	Luminaire Power	9.3 W	Efficacy	86.491 lm/W	Efficiency	67.02%
Source Flux	1204 lm	Maximum value	421.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux		1204 lm		Maximum value		421.50 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	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220
G 5.0	72544	70467	68889	67846	67411	67417	67879	68979	70585	72701	70585	68979	67879	67879	67879
G 10.0	60242	57356	55259	53903	53299	53305	53929	55323	57440	60361	57440	55323	53929	53929	53929
G 15.0	51310	48132	45909	44497	43841	43821	44463	45920	48168	51349	48168	45920	44463	44463	44463
G 20.0	44248	41066	38868	37480	36822	36806	37421	38769	40940	44109	40940	38769	37421	37421	37421
G 25.0	37434	34493	32625	31558	31026	30978	31400	32330	34094	36981	34094	32330	31400	31400	31400
G 30.0	28817	26498	25354	25041	24979	24936	24946	25279	26442	28739	26442	25279	24946	24946	24946
G 35.0	20259	18650	17864	17699	17824	17946	18001	18197	19032	20806	19032	18197	18001	18001	18001
G 40.0	14387	13164	12449	12068	11872	11906	12157	12561	13295	14551	13295	12561	12157	12157	12157
G 45.0	9560	8685	8166	7870	7681	7687	7889	8249	8840	9783	8840	8249	7889	7889	7889
G 50.0	6265	5669	5293	5093	5059	5092	5187	5430	5824	6416	5824	5430	5187	5187	5187
G 55.0	4268	3869	3599	3442	3412	3424	3478	3660	3953	4377	3953	3660	3478	3478	3478
G 60.0	3055	2738	2548	2454	2435	2445	2489	2620	2845	3192	2845	2620	2489	2489	2489
G 65.0	2420	2157	2004	1925	1894	1891	1925	2023	2201	2488	2201	2023	1925	1925	1925
G 70.0	1894	1688	1567	1501	1473	1476	1512	1590	1731	1969	1731	1590	1512	1512	1512
G 75.0	1472	1293	1194	1145	1118	1117	1145	1202	1310	1495	1310	1202	1145	1145	1145
G 80.0	910	805	745	717	714	718	728	761	827	940	827	761	728	728	728
G 85.0	343	308	283	271	279	285	288	310	345	390	345	310	288	288	288
G 90.0	40	35	31	29	38	38	35	54	72	88	72	54	35	35	35

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Source Flux	1204 lm	Maximum value		421.50 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	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220
G 5.0	67417	67411	67846	68889	70467	72544	70467	68889	67846	67411	67417	67879	68979
G 10.0	53305	53299	53903	55259	57356	60242	57356	55259	53903	53299	53305	53929	55323
G 15.0	43821	43841	44497	45909	48132	51310	48132	45909	44497	43841	43821	44463	45920
G 20.0	36806	36822	37480	38868	41066	44248	41066	38868	37480	36822	36806	37421	38769
G 25.0	30978	31026	31558	32625	34493	37434	34493	32625	31558	31026	30978	31400	32330
G 30.0	24936	24979	25041	25354	26498	28817	26498	25354	25041	24979	24936	24946	25279
G 35.0	17946	17824	17699	17864	18650	20259	18650	17864	17699	17824	17946	18001	18197
G 40.0	11906	11872	12068	12449	13164	14387	13164	12449	12068	11872	11906	12157	12561
G 45.0	7687	7681	7870	8166	8685	9560	8685	8166	7870	7681	7687	7889	8249
G 50.0	5092	5059	5093	5293	5669	6265	5669	5293	5093	5059	5092	5187	5430
G 55.0	3424	3412	3442	3599	3869	4268	3869	3599	3442	3412	3424	3478	3660
G 60.0	2445	2435	2454	2548	2738	3055	2738	2548	2454	2435	2445	2489	2620
G 65.0	1891	1894	1925	2004	2157	2420	2157	2004	1925	1894	1891	1925	2023
G 70.0	1476	1473	1501	1567	1688	1894	1688	1567	1501	1473	1476	1512	1590
G 75.0	1117	1118	1145	1194	1293	1472	1293	1194	1145	1118	1117	1145	1202
G 80.0	718	714	717	745	805	910	805	745	717	714	718	728	761
G 85.0	285	279	271	283	308	343	308	283	271	279	285	288	310
G 90.0	38	38	29	31	35	40	35	31	29	38	38	35	54

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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	90220	90220	90220	90220	90220	90220	90220	90220	90220	90220
G 5.0	70585	72701	70585	68979	67879	67417	67411	67846	68889	70467
G 10.0	57440	60361	57440	55323	53929	53305	53299	53903	55259	57356
G 15.0	48168	51349	48168	45920	44463	43821	43841	44497	45909	48132
G 20.0	40940	44109	40940	38769	37421	36806	36822	37480	38868	41066
G 25.0	34094	36981	34094	32330	31400	30978	31026	31558	32625	34493
G 30.0	26442	28739	26442	25279	24946	24936	24979	25041	25354	26498
G 35.0	19032	20806	19032	18197	18001	17946	17824	17699	17864	18650
G 40.0	13295	14551	13295	12561	12157	11906	11872	12068	12449	13164
G 45.0	8840	9783	8840	8249	7889	7687	7681	7870	8166	8685
G 50.0	5824	6416	5824	5430	5187	5092	5059	5093	5293	5669
G 55.0	3953	4377	3953	3660	3478	3424	3412	3442	3599	3869
G 60.0	2845	3192	2845	2620	2489	2445	2435	2454	2548	2738
G 65.0	2201	2488	2201	2023	1925	1891	1894	1925	2004	2157
G 70.0	1731	1969	1731	1590	1512	1476	1473	1501	1567	1688
G 75.0	1310	1495	1310	1202	1145	1117	1118	1145	1194	1293
G 80.0	827	940	827	761	728	718	714	717	745	805
G 85.0	345	390	345	310	288	285	279	271	283	308
G 90.0	72	88	72	54	35	38	38	29	31	35