

Luminaire

Code 90444L011

Name VEGA SQ Q100 LIGHT+ 940 MO

Measurem.

Code 16/2/2023

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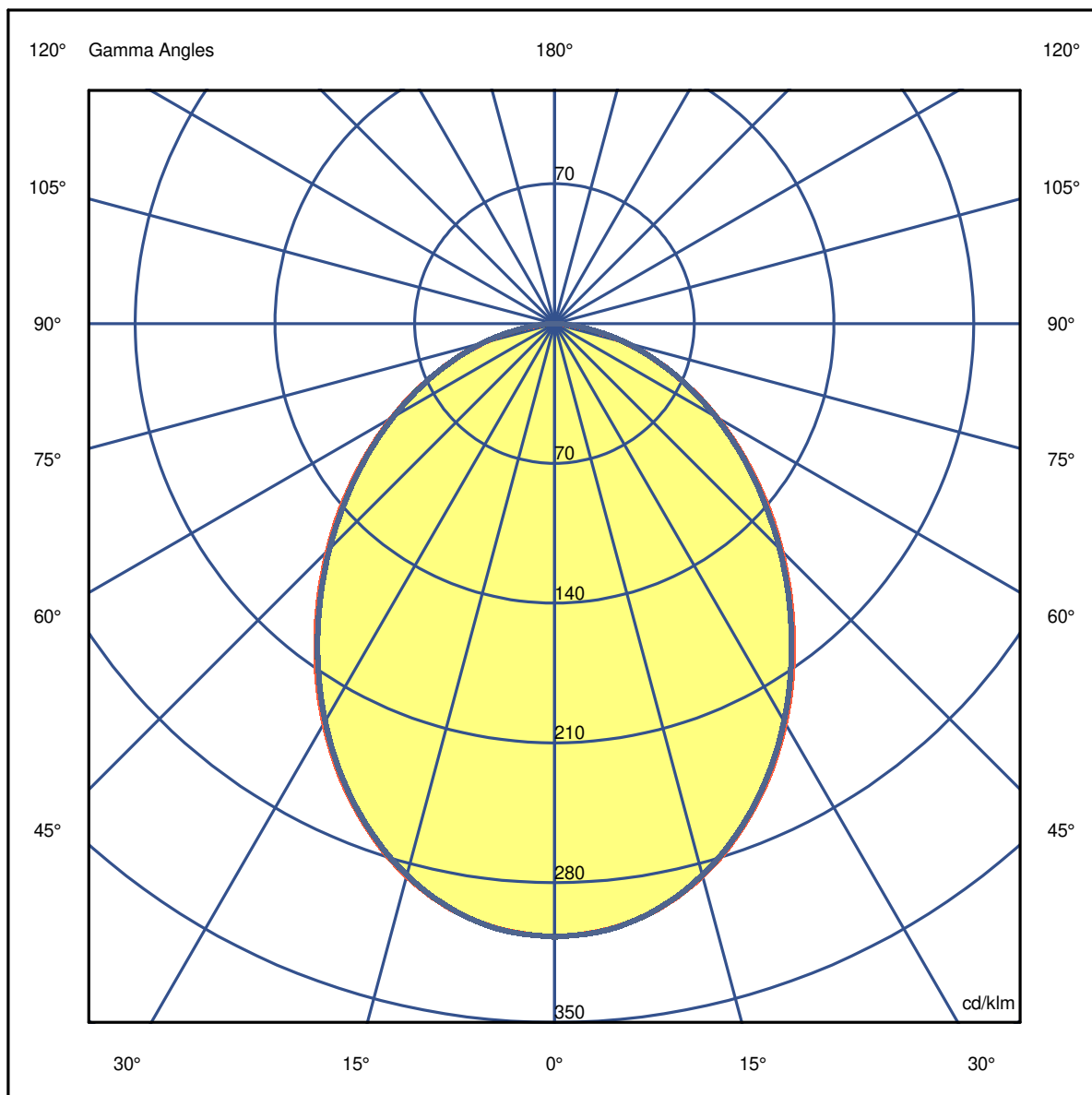
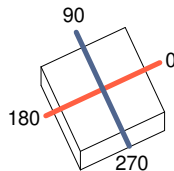
Luminaire Flux	914 lm	Luminaire Power	9.3 W	Efficacy	98.005 lm/W	Efficiency	70.50%
Source Flux	1297 lm	Maximum value	307.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

100mm x 100mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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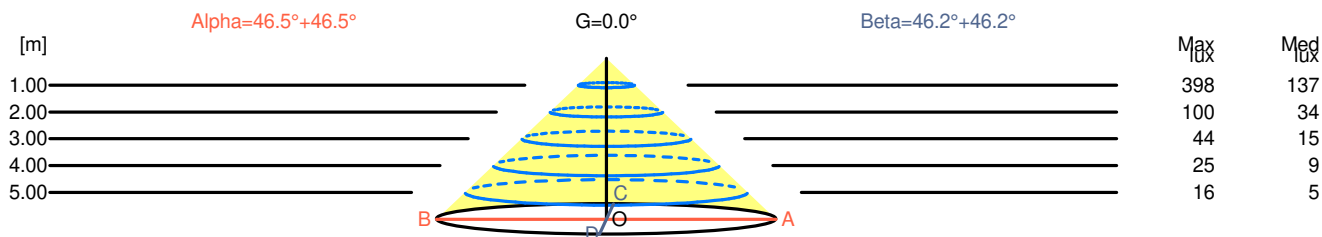
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Source Flux	1297 lm	Maximum value	307.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.06	2.11	3.17	4.22	5.28	OC	1.04	2.09	3.13	4.18	5.22
OB	1.06	2.11	3.17	4.22	5.28	OD	1.04	2.09	3.13	4.18	5.22

	0	5	15	25	35	45	55	65	75	85
OA	398.31	395.07	371.46	327.10	269.91	208.43	149.41	95.20	47.73	8.17
OB	398.31	395.07	371.46	327.10	269.91	208.43	149.41	95.20	47.73	8.17
OC	398.31	395.20	370.81	325.94	268.09	206.74	148.12	94.81	48.12	10.38
OD	398.31	395.20	370.81	325.94	268.09	206.74	148.12	94.81	48.12	10.38



H[m]	D[m]	Max lux	Med lux	Alpha=46.5°+46.5°	G=0.0
1.00	2.11	398	137		
2.00	4.22	100	34		
3.00	6.33	44	15		
4.00	8.44	25	9		
5.00	10.55	16	5		

H[m]	D[m]	Max lux	Med lux	Beta=46.2°+46.2°	G=0.0
1.00	2.09	398	137		
2.00	4.18	100	34		
3.00	6.27	44	15		
4.00	8.35	25	9		
5.00	10.44	16	5		

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Source Flux	1297 lm	Maximum value	307.10 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	19.8	21.0	20.1	21.3	21.5	19.8	21.0	20.1	21.2	21.5
x=2H y=3H	20.6	21.8	21.0	22.0	22.3	20.6	21.7	20.9	22.0	22.3
x=2H y=4H	20.9	21.9	21.2	22.2	22.5	20.9	21.9	21.2	22.2	22.5
x=2H y=6H	21.0	22.0	21.4	22.3	22.6	21.0	21.9	21.3	22.2	22.6
x=2H y=8H	21.0	21.9	21.4	22.3	22.6	21.0	21.9	21.3	22.2	22.6
x=2H y=12H	21.0	21.9	21.4	22.2	22.5	21.0	21.9	21.3	22.2	22.5
x=4H y=2H	20.1	21.2	20.5	21.5	21.8	20.1	21.2	20.4	21.4	21.7
x=4H y=3H	21.1	22.0	21.5	22.3	22.7	21.1	22.0	21.4	22.3	22.6
x=4H y=4H	21.4	22.2	21.8	22.6	23.0	21.4	22.2	21.8	22.6	22.9
x=4H y=6H	21.6	22.3	22.1	22.7	23.1	21.6	22.3	22.0	22.7	23.1
x=4H y=8H	21.7	22.3	22.1	22.7	23.1	21.6	22.3	22.1	22.7	23.1
x=4H y=12H	21.6	22.2	22.1	22.6	23.1	21.6	22.2	22.1	22.6	23.1
x=8H y=4H	21.5	22.2	22.0	22.6	23.0	21.5	22.1	21.9	22.5	23.0
x=8H y=6H	21.8	22.3	22.2	22.7	23.2	21.8	22.3	22.2	22.7	23.2
x=8H y=8H	21.8	22.3	22.3	22.7	23.2	21.8	22.3	22.3	22.7	23.2
x=8H y=12H	21.8	22.2	22.3	22.7	23.2	21.8	22.2	22.3	22.7	23.2
x=12H y=4H	21.5	22.1	21.9	22.5	22.9	21.5	22.1	21.9	22.5	22.9
x=12H y=6H	21.8	22.2	22.2	22.7	23.1	21.8	22.2	22.2	22.6	23.1
x=12H y=8H	21.8	22.2	22.3	22.7	23.2	21.8	22.2	22.3	22.7	23.2

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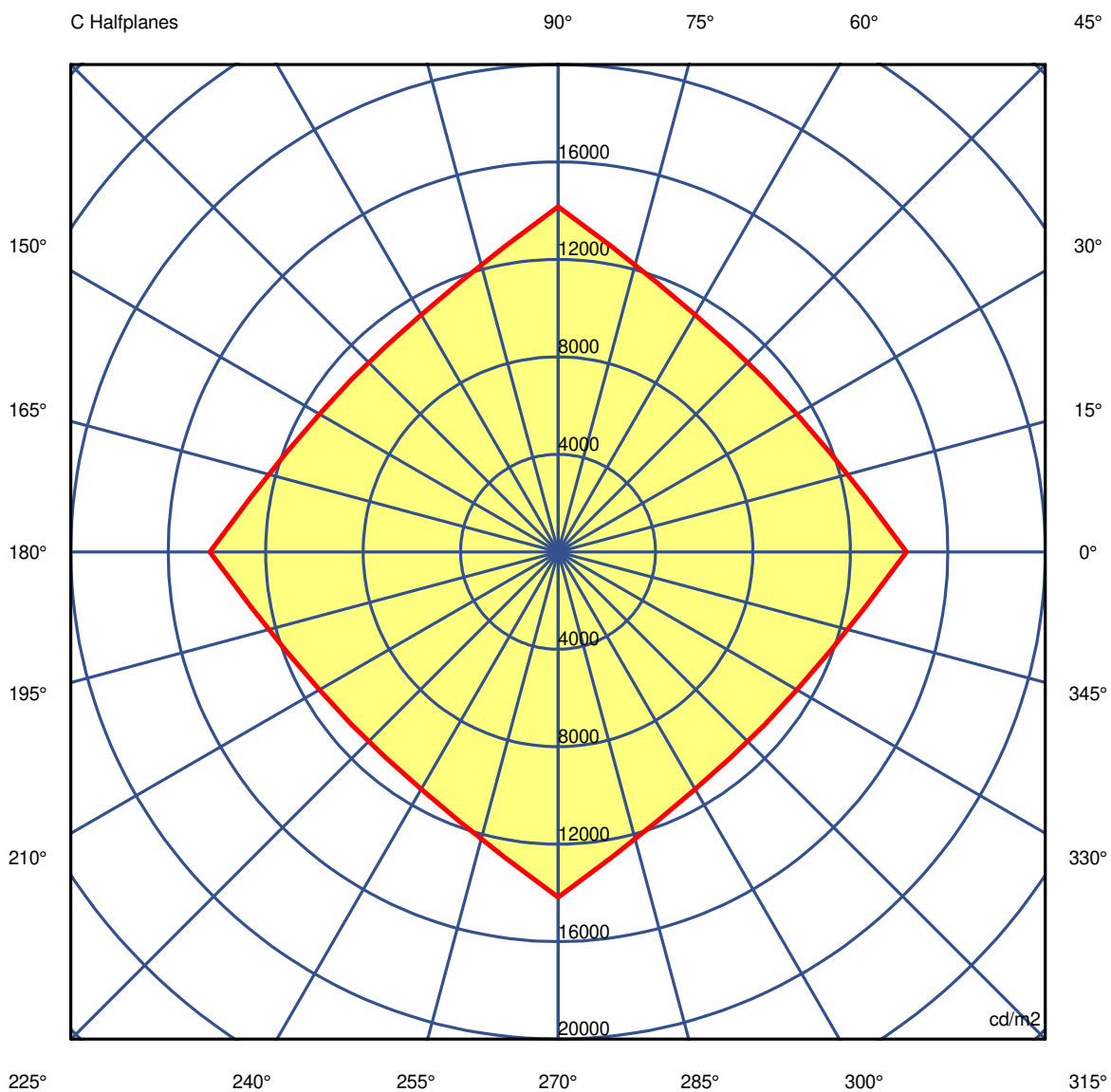
Measurem.

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Luminaire Flux	914 lm	Luminaire Power	9.3 W	Efficacy	98.005 lm/W	Efficiency	70.50%
Source Flux	1297 lm	Maximum value	307.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	914 lm		Luminaire Power		9.3 W		Efficacy		98.005 lm/W		Efficiency		70.50%	
Source Flux	1297 lm		Maximum value		307.10 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	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	
G 5.0	57165	55484	54262	53464	53047	53054	53481	54280	55502	57184	55502	54280	53481	
G 10.0	47410	45097	43465	42427	41904	41899	42413	43450	45082	47394	45082	43450	42413	
G 15.0	39875	37375	35648	34561	34028	34018	34537	35613	37328	39805	37328	35613	34537	
G 20.0	33720	31279	29608	28559	28051	28041	28527	29551	31209	33645	31209	29551	28527	
G 25.0	28600	26281	24732	23776	23300	23279	23720	24657	26197	28498	26197	24657	23720	
G 30.0	24218	22095	20690	19828	19396	19371	19760	20597	21984	24092	21984	20597	19760	
G 35.0	20430	18524	17275	16513	16138	16112	16442	17174	18404	20292	18404	17174	16442	
G 40.0	17134	15463	14365	13697	13393	13370	13630	14258	15335	17004	15335	14258	13630	
G 45.0	14291	12825	11881	11315	11045	11019	11245	11788	12721	14176	12721	11788	11245	
G 50.0	11814	10543	9736	9261	9032	9013	9208	9653	10434	11685	10434	9653	9208	
G 55.0	9631	8560	7888	7492	7300	7285	7447	7818	8483	9548	8483	7818	7447	
G 60.0	7699	6814	6264	5943	5790	5779	5912	6220	6761	7633	6761	6220	5912	
G 65.0	5960	5260	4829	4582	4466	4456	4557	4801	5234	5936	5234	4801	4557	
G 70.0	4396	3866	3546	3368	3287	3281	3356	3541	3869	4405	3869	3541	3356	
G 75.0	2993	2621	2399	2283	2234	2234	2289	2420	2648	3018	2648	2420	2289	
G 80.0	1697	1485	1364	1306	1288	1289	1312	1384	1516	1729	1516	1384	1312	
G 85.0	529	474	443	434	446	449	453	502	577	672	577	502	453	
G 90.0	69	60	54	51	59	59	57	82	113	138	113	82	57	

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Source Flux		1297 lm		Maximum value		307.10 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	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810
G 5.0	53054	53047	53464	54262	55484	57165	55484	54262	53464	53047	53054	53481	54280												
G 10.0	41899	41904	42427	43465	45097	47410	45097	43465	42427	41904	41899	42413	43450												
G 15.0	34018	34028	34561	35648	37375	39875	37375	35648	34561	34028	34018	34537	35613												
G 20.0	28041	28051	28559	29608	31279	33720	31279	29608	28559	28051	28041	28527	29551												
G 25.0	23279	23300	23776	24732	26281	28600	26281	24732	23776	23300	23279	23720	24657												
G 30.0	19371	19396	19828	20690	22095	24218	22095	20690	19828	19396	19371	19760	20597												
G 35.0	16112	16138	16513	17275	18524	20430	18524	17275	16513	16138	16112	16442	17174												
G 40.0	13370	13393	13697	14365	15463	17134	15463	14365	13697	13393	13370	13630	14258												
G 45.0	11019	11045	11315	11881	12825	14291	12825	11881	11315	11045	11019	11245	11788												
G 50.0	9013	9032	9261	9736	10543	11814	10543	9736	9261	9032	9013	9208	9653												
G 55.0	7285	7300	7492	7888	8560	9631	8560	7888	7492	7300	7285	7447	7818												
G 60.0	5779	5790	5943	6264	6814	7699	6814	6264	5943	5790	5779	5912	6220												
G 65.0	4456	4466	4582	4829	5260	5960	5260	4829	4582	4466	4456	4557	4801												
G 70.0	3281	3287	3368	3546	3866	4396	3866	3546	3368	3287	3281	3356	3541												
G 75.0	2234	2234	2283	2399	2621	2993	2621	2399	2283	2234	2234	2289	2420												
G 80.0	1289	1288	1306	1364	1485	1697	1485	1364	1306	1288	1289	1312	1384												
G 85.0	449	446	434	443	474	529	474	443	434	446	449	453	502												
G 90.0	59	59	51	54	60	69	60	54	51	59	59	57	82												

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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	70810	70810	70810	70810	70810	70810	70810	70810	70810	70810
G 5.0	55502	57184	55502	54280	53481	53054	53047	53464	54262	55484
G 10.0	45082	47394	45082	43450	42413	41899	41904	42427	43465	45097
G 15.0	37328	39805	37328	35613	34537	34018	34028	34561	35648	37375
G 20.0	31209	33645	31209	29551	28527	28041	28051	28559	29608	31279
G 25.0	26197	28498	26197	24657	23720	23279	23300	23776	24732	26281
G 30.0	21984	24092	21984	20597	19760	19371	19396	19828	20690	22095
G 35.0	18404	20292	18404	17174	16442	16112	16138	16513	17275	18524
G 40.0	15335	17004	15335	14258	13630	13370	13393	13697	14365	15463
G 45.0	12721	14176	12721	11788	11245	11019	11045	11315	11881	12825
G 50.0	10434	11685	10434	9653	9208	9013	9032	9261	9736	10543
G 55.0	8483	9548	8483	7818	7447	7285	7300	7492	7888	8560
G 60.0	6761	7633	6761	6220	5912	5779	5790	5943	6264	6814
G 65.0	5234	5936	5234	4801	4557	4456	4466	4582	4829	5260
G 70.0	3869	4405	3869	3541	3356	3281	3287	3368	3546	3866
G 75.0	2648	3018	2648	2420	2289	2234	2234	2283	2399	2621
G 80.0	1516	1729	1516	1384	1312	1289	1288	1306	1364	1485
G 85.0	577	672	577	502	453	449	446	434	443	474
G 90.0	113	138	113	82	57	59	59	51	54	60