

Luminaire

Code 90437L008

Name VEGA SQ /E Q100 LIGHT+ 930 LO

Measurem.

Code 10/2/2023

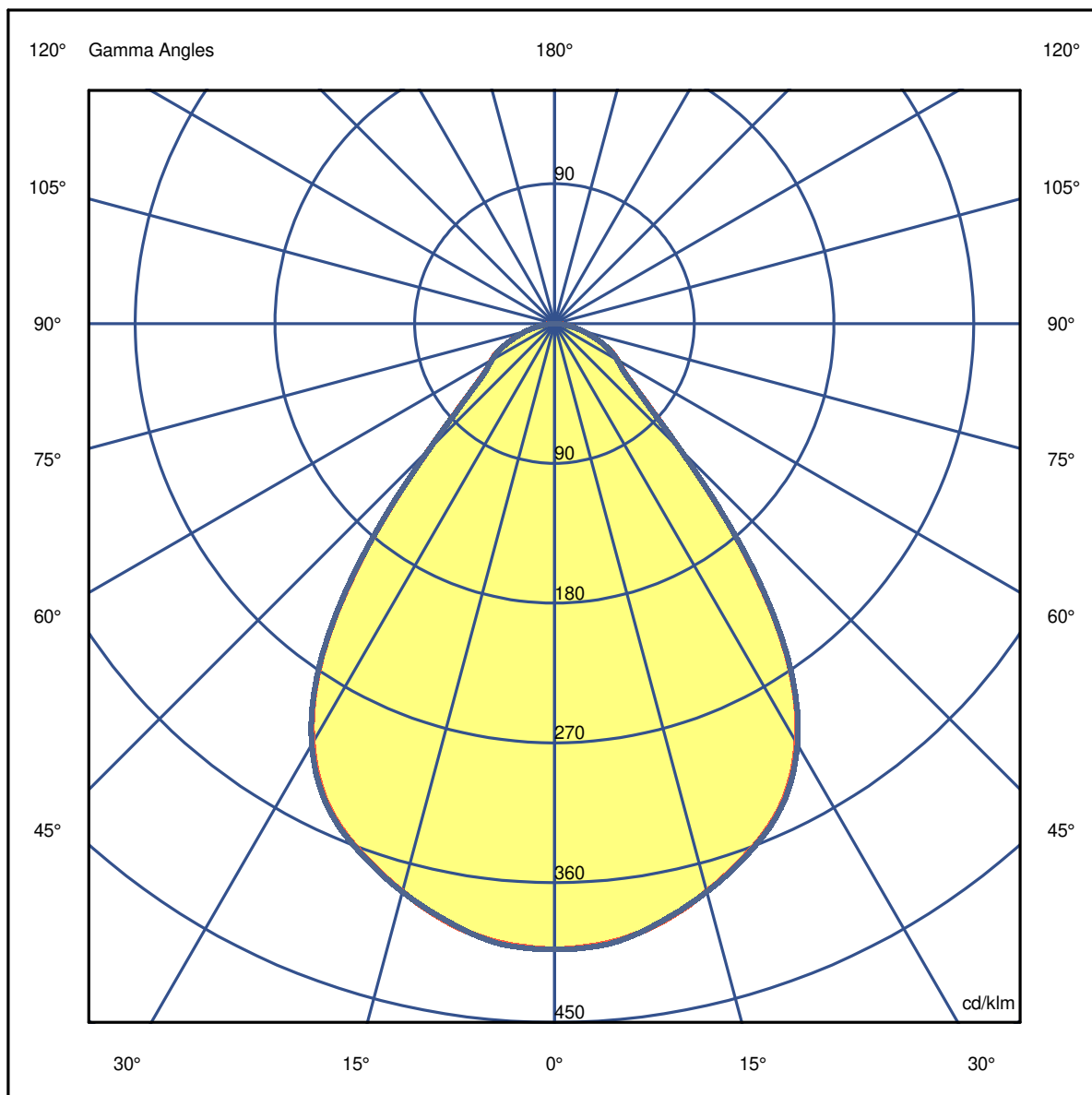
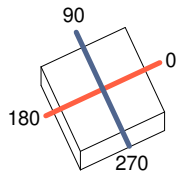
Name VEGA SQ /E Q100 LIGHT+ 930 LO

Luminaire Flux	664 lm	Luminaire Power	6.5 W	Efficacy	101.601 lm/W	Efficiency	68.36%
Source Flux	972 lm	Maximum value	402.80 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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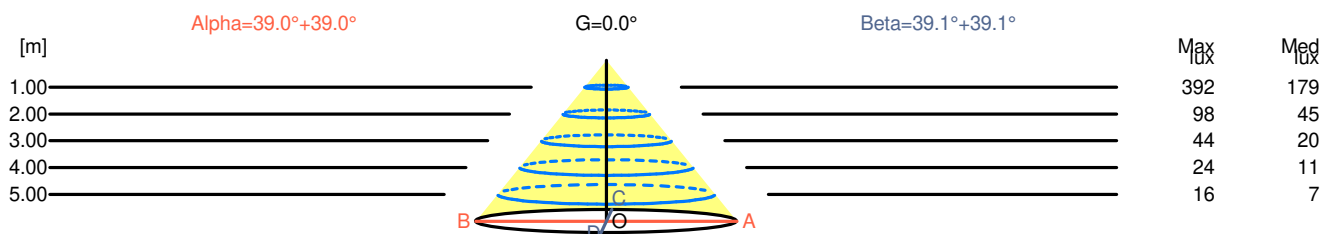
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Width at 50.00 % of Max Intensity

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	0.81	1.62	2.43	3.24	4.06	OC	0.81	1.63	2.44	3.25	4.06
OB	0.81	1.62	2.43	3.24	4.06	OD	0.81	1.63	2.44	3.25	4.06

	0	5	15	25	35	45	55	65	75	85
OA	391.52	388.90	368.00	334.08	253.59	110.71	53.65	37.32	18.66	4.96
OB	391.52	388.90	368.00	334.08	253.59	110.71	53.65	37.32	18.66	4.96
OC	391.52	389.67	368.19	334.85	254.18	110.61	53.36	37.03	18.66	4.47
OD	391.52	389.67	368.19	334.85	254.18	110.61	53.36	37.03	18.66	4.47



H[m]	D[m]	Max lux	Med lux	Alpha=39.0°+39.0°	G=0.0
1.00	1.62	392	179		
2.00	3.24	98	45		
3.00	4.87	44	20		
4.00	6.49	24	11		
5.00	8.11	16	7		

H[m]	D[m]	Max lux	Med lux	Beta=39.1°+39.1°	G=0.0
1.00	1.63	392	179		
2.00	3.25	98	45		
3.00	4.88	44	20		
4.00	6.50	24	11		
5.00	8.13	16	7		

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Source Flux	972 lm	Maximum value	402.80 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	18.1	19.1	18.3	19.3	19.5	18.0	19.1	18.3	19.3	19.5
x=2H y=3H	18.5	19.4	18.8	19.7	19.9	18.5	19.4	18.8	19.7	19.9
x=2H y=4H	18.7	19.6	19.0	19.8	20.1	18.7	19.5	19.0	19.8	20.1
x=2H y=6H	18.8	19.5	19.1	19.8	20.1	18.7	19.5	19.1	19.8	20.1
x=2H y=8H	18.8	19.5	19.1	19.8	20.1	18.7	19.5	19.1	19.8	20.1
x=2H y=12H	18.7	19.5	19.1	19.8	20.1	18.7	19.4	19.1	19.7	20.1
x=4H y=2H	18.2	19.0	18.5	19.3	19.6	18.2	19.0	18.5	19.3	19.6
x=4H y=3H	18.8	19.5	19.1	19.8	20.1	18.7	19.5	19.1	19.8	20.1
x=4H y=4H	19.0	19.6	19.4	20.0	20.3	19.0	19.6	19.4	20.0	20.3
x=4H y=6H	19.1	19.7	19.5	20.0	20.4	19.1	19.6	19.5	20.0	20.4
x=4H y=8H	19.2	19.6	19.6	20.0	20.4	19.1	19.6	19.6	20.0	20.4
x=4H y=12H	19.2	19.6	19.6	20.0	20.4	19.1	19.6	19.6	20.0	20.4
x=8H y=4H	19.0	19.5	19.5	19.9	20.3	19.0	19.5	19.4	19.9	20.3
x=8H y=6H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.6	20.0	20.4
x=8H y=8H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.7	20.0	20.5
x=8H y=12H	19.3	19.5	19.8	20.0	20.5	19.2	19.5	19.7	20.0	20.5
x=12H y=4H	19.0	19.4	19.4	19.9	20.3	19.0	19.4	19.4	19.8	20.3
x=12H y=6H	19.2	19.5	19.7	20.0	20.4	19.1	19.5	19.6	19.9	20.4
x=12H y=8H	19.2	19.5	19.7	20.0	20.5	19.2	19.5	19.7	20.0	20.5

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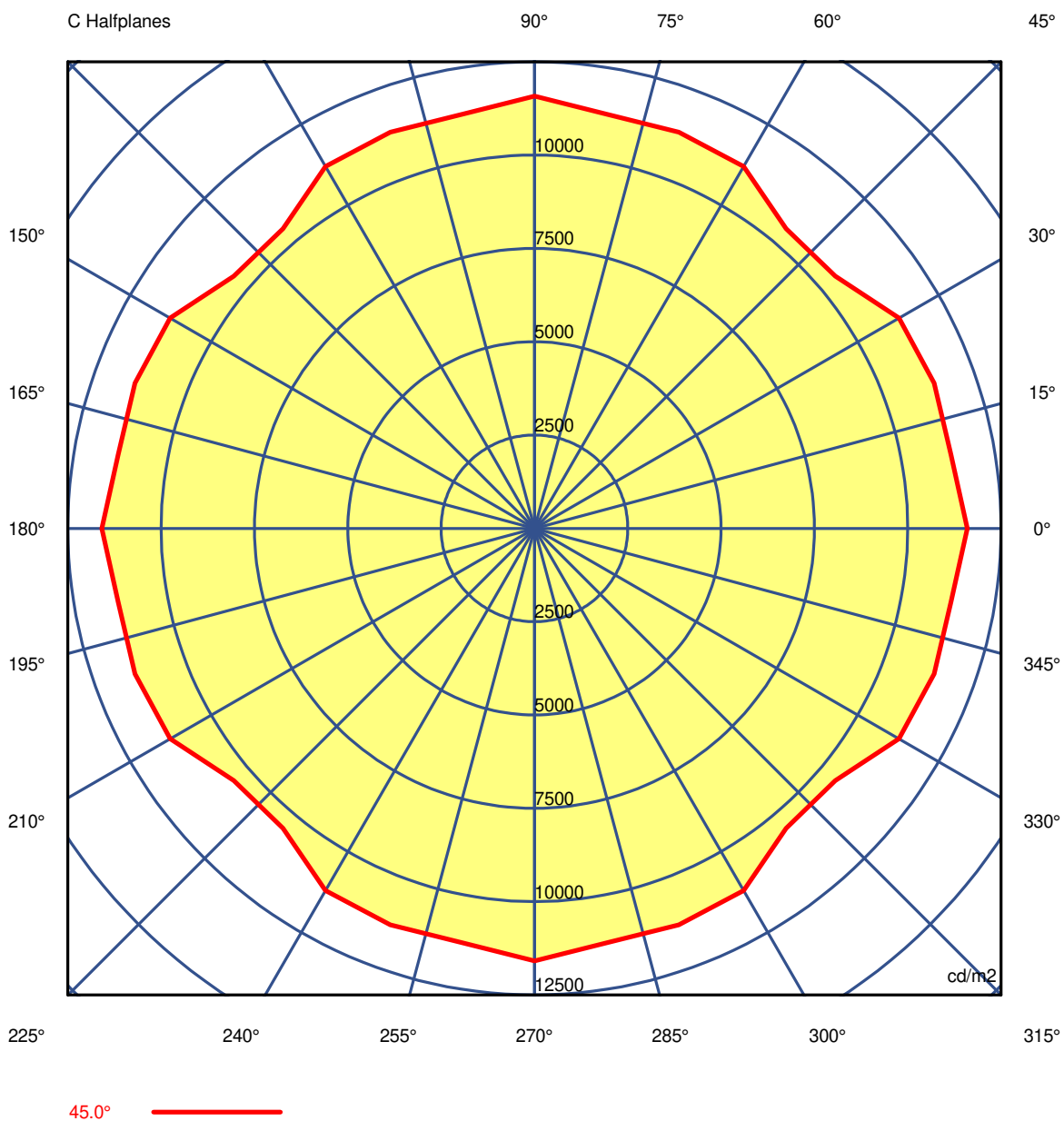
Measurem.

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Name VEGA SQ /E Q100 LIGHT+ 930 LO

Luminaire Flux	664 lm	Luminaire Power	6.5 W	Efficacy	101.601 lm/W	Efficiency	68.36%
Source Flux	972 lm	Maximum value	402.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	664 lm		Luminaire Power		6.5 W		Efficacy		101.601 lm/W		Efficiency		68.36%	
Source Flux	972 lm		Maximum value		402.80 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	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	
G 5.0	64587	63421	62494	61859	61612	61637	61890	62447	63390	64716	63390	62447	61890	
G 10.0	57129	55288	53924	53026	52608	52628	53053	53887	55201	57042	55201	53887	53053	
G 15.0	50664	48437	46852	45855	45359	45309	45758	46823	48454	50691	48454	46823	45758	
G 20.0	45212	42749	41014	39937	39463	39437	39893	41027	42815	45287	42815	41027	39893	
G 25.0	40323	37750	35977	34901	34438	34455	34942	36018	37803	40417	37803	36018	34942	
G 30.0	34801	32466	30910	29962	29482	29493	30000	30991	32581	34935	32581	30991	30000	
G 35.0	28007	26078	24988	24392	23886	23916	24473	25100	26184	28071	26184	25100	24473	
G 40.0	19382	18430	17924	17573	17140	17194	17694	18020	18496	19466	18496	18020	17694	
G 45.0	11593	11329	11390	11273	10514	10485	11198	11302	11265	11583	11265	11302	11198	
G 50.0	7454	7053	6916	6766	6332	6273	6612	6725	6894	7384	6894	6725	6612	
G 55.0	5501	5016	4706	4515	4414	4388	4452	4638	4965	5471	4965	4638	4452	
G 60.0	4688	4178	3852	3656	3557	3550	3632	3807	4126	4648	4126	3807	3632	
G 65.0	3863	3401	3104	2946	2908	2909	2946	3100	3387	3833	3387	3100	2946	
G 70.0	2894	2547	2325	2202	2162	2164	2202	2313	2528	2884	2528	2313	2202	
G 75.0	2012	1759	1603	1518	1490	1487	1510	1593	1753	2012	1753	1593	1510	
G 80.0	1245	1085	981	921	902	899	913	966	1065	1224	1065	966	913	
G 85.0	576	501	452	419	407	405	411	431	466	519	466	431	411	
G 90.0	95	90	84	78	72	61	52	61	72	83	72	61	52	

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Source Flux		972 lm		Maximum value		402.80 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	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470
G 5.0	61637	61612	61859	62494	63421	64587	63421	62494	61859	61612	61637	61890	62447												
G 10.0	52628	52608	53026	53924	55288	57129	55288	53924	53026	52608	52628	53053	53887												
G 15.0	45309	45359	45855	46852	48437	50664	48437	46852	45855	45359	45309	45758	46823												
G 20.0	39437	39463	39937	41014	42749	45212	42749	41014	39937	39463	39437	39893	41027												
G 25.0	34455	34438	34901	35977	37750	40323	37750	35977	34901	34438	34455	34942	36018												
G 30.0	29493	29482	29962	30910	32466	34801	32466	30910	29962	29482	29493	30000	30991												
G 35.0	23916	23886	24392	24988	26078	28007	26078	24988	24392	23886	23916	24473	25100												
G 40.0	17194	17140	17573	17924	18430	19382	18430	17924	17573	17140	17194	17694	18020												
G 45.0	10485	10514	11273	11390	11329	11593	11329	11390	11273	10514	10485	11198	11302												
G 50.0	6273	6332	6766	6916	7053	7454	7053	6916	6766	6332	6273	6612	6725												
G 55.0	4388	4414	4515	4706	5016	5501	5016	4706	4515	4414	4388	4452	4638												
G 60.0	3550	3557	3656	3852	4178	4688	4178	3852	3656	3557	3550	3632	3807												
G 65.0	2909	2908	2946	3104	3401	3863	3401	3104	2946	2908	2909	2946	3100												
G 70.0	2164	2162	2202	2325	2547	2894	2547	2325	2202	2162	2164	2202	2313												
G 75.0	1487	1490	1518	1603	1759	2012	1759	1603	1518	1490	1487	1510	1593												
G 80.0	899	902	921	981	1085	1245	1085	981	921	902	899	913	966												
G 85.0	405	407	419	452	501	576	501	452	419	407	405	411	431												
G 90.0	61	72	78	84	90	95	90	84	78	72	61	52	61												

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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	73470	73470	73470	73470	73470	73470	73470	73470	73470	73470
G 5.0	63390	64716	63390	62447	61890	61637	61612	61859	62494	63421
G 10.0	55201	57042	55201	53887	53053	52628	52608	53026	53924	55288
G 15.0	48454	50691	48454	46823	45758	45309	45359	45855	46852	48437
G 20.0	42815	45287	42815	41027	39893	39437	39463	39937	41014	42749
G 25.0	37803	40417	37803	36018	34942	34455	34438	34901	35977	37750
G 30.0	32581	34935	32581	30991	30000	29493	29482	29962	30910	32466
G 35.0	26184	28071	26184	25100	24473	23916	23886	24392	24988	26078
G 40.0	18496	19466	18496	18020	17694	17194	17140	17573	17924	18430
G 45.0	11265	11583	11265	11302	11198	10485	10514	11273	11390	11329
G 50.0	6894	7384	6894	6725	6612	6273	6332	6766	6916	7053
G 55.0	4965	5471	4965	4638	4452	4388	4414	4515	4706	5016
G 60.0	4126	4648	4126	3807	3632	3550	3557	3656	3852	4178
G 65.0	3387	3833	3387	3100	2946	2909	2908	2946	3104	3401
G 70.0	2528	2884	2528	2313	2202	2164	2162	2202	2325	2547
G 75.0	1753	2012	1753	1593	1510	1487	1490	1518	1603	1759
G 80.0	1065	1224	1065	966	913	899	902	921	981	1085
G 85.0	466	519	466	431	411	405	407	419	452	501
G 90.0	72	83	72	61	52	61	72	78	84	90