

Luminaire

Code 90575L015

Name VEGA IP /E D100 LIGHT+ 930 HO

Measurem.

Code 10/2/2023

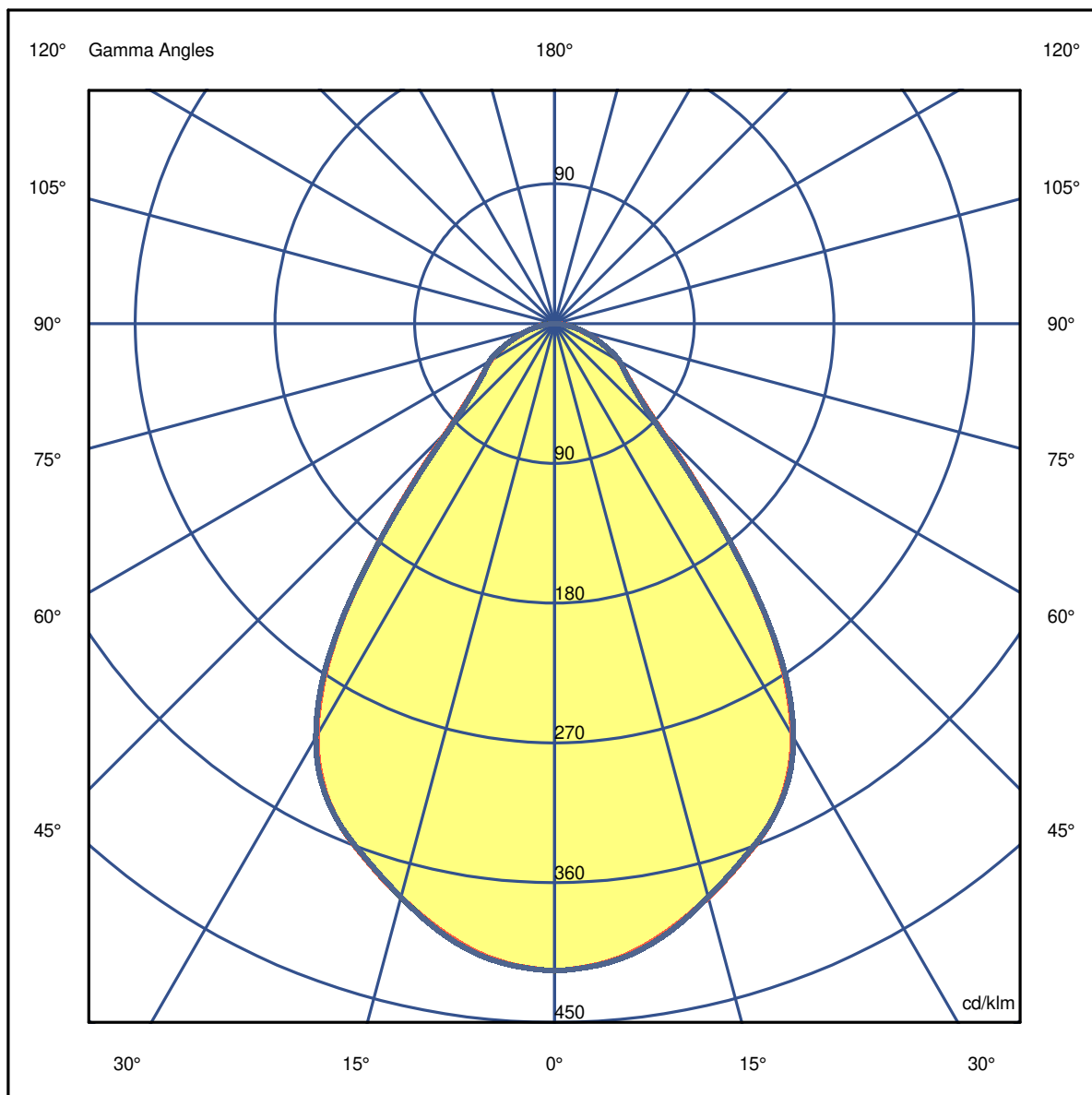
Name VEGA IP /E D100 LIGHT+ 930 HO

Luminaire Flux	1066 lm	Luminaire Power	11.8 W	Efficacy	90.627 lm/W	Efficiency	64.75%
Source Flux	1646 lm	Maximum value	416.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=100mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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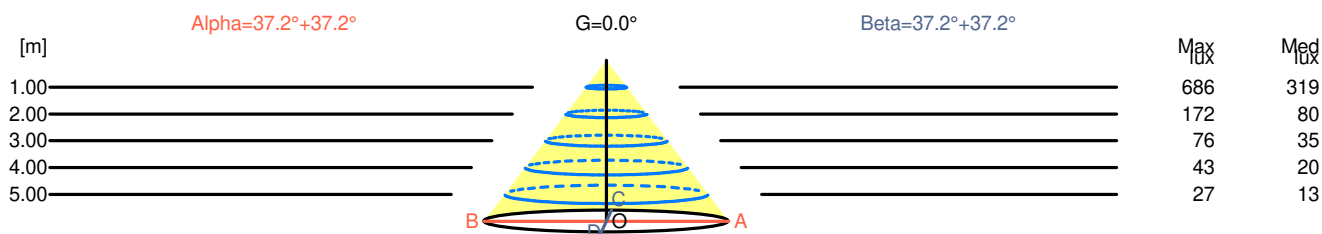
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Width at 50.00 % of Max Intensity

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	0.76	1.52	2.28	3.04	3.80	OC	0.76	1.52	2.28	3.04	3.80
OB	0.76	1.52	2.28	3.04	3.80	OD	0.76	1.52	2.28	3.04	3.80

	0	5	15	25	35	45	55	65	75	85
OA	686.05	678.32	629.43	563.26	403.60	160.98	92.67	61.72	30.29	7.90
OB	686.05	678.32	629.43	563.26	403.60	160.98	92.67	61.72	30.29	7.90
OC	686.05	679.14	629.27	563.75	405.57	157.19	91.85	61.89	30.45	6.91
OD	686.05	679.14	629.27	563.75	405.57	157.19	91.85	61.89	30.45	6.91



H[m]	D[m]	Max lux	Med lux	Alpha=37.2°+37.2°	G=0.0
1.00	1.52	686	319		
2.00	3.04	172	80		
3.00	4.56	76	35		
4.00	6.08	43	20		
5.00	7.60	27	13		

H[m]	D[m]	Max lux	Med lux	Beta=37.2°+37.2°	G=0.0
1.00	1.52	686	319		
2.00	3.04	172	80		
3.00	4.56	76	35		
4.00	6.08	43	20		
5.00	7.60	27	13		

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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	20.2	21.2	20.5	21.4	21.6	20.2	21.2	20.5	21.4	21.6
x=2H y=3H	20.7	21.6	21.0	21.8	22.1	20.7	21.6	21.0	21.8	22.1
x=2H y=4H	20.9	21.7	21.2	22.0	22.2	20.9	21.7	21.2	22.0	22.2
x=2H y=6H	20.9	21.7	21.3	22.0	22.3	20.9	21.7	21.2	22.0	22.3
x=2H y=8H	20.9	21.7	21.3	22.0	22.3	20.9	21.6	21.3	21.9	22.2
x=2H y=12H	20.9	21.6	21.3	21.9	22.3	20.9	21.6	21.3	21.9	22.2
x=4H y=2H	20.4	21.3	20.7	21.5	21.8	20.4	21.2	20.7	21.5	21.8
x=4H y=3H	21.1	21.8	21.4	22.1	22.4	21.1	21.8	21.4	22.1	22.4
x=4H y=4H	21.3	21.9	21.7	22.3	22.6	21.3	21.9	21.7	22.3	22.6
x=4H y=6H	21.4	22.0	21.8	22.3	22.7	21.4	22.0	21.8	22.3	22.7
x=4H y=8H	21.5	21.9	21.9	22.3	22.8	21.4	21.9	21.9	22.3	22.7
x=4H y=12H	21.5	21.9	21.9	22.3	22.7	21.4	21.9	21.9	22.3	22.7
x=8H y=4H	21.4	21.9	21.8	22.2	22.7	21.3	21.8	21.8	22.2	22.6
x=8H y=6H	21.5	21.9	22.0	22.4	22.8	21.5	21.9	22.0	22.3	22.8
x=8H y=8H	21.6	21.9	22.1	22.4	22.8	21.6	21.9	22.0	22.3	22.8
x=8H y=12H	21.6	21.9	22.1	22.3	22.8	21.5	21.8	22.0	22.3	22.8
x=12H y=4H	21.3	21.8	21.8	22.2	22.6	21.3	21.8	21.8	22.2	22.6
x=12H y=6H	21.5	21.9	22.0	22.3	22.8	21.5	21.8	22.0	22.3	22.7
x=12H y=8H	21.6	21.9	22.1	22.3	22.8	21.5	21.8	22.0	22.3	22.8

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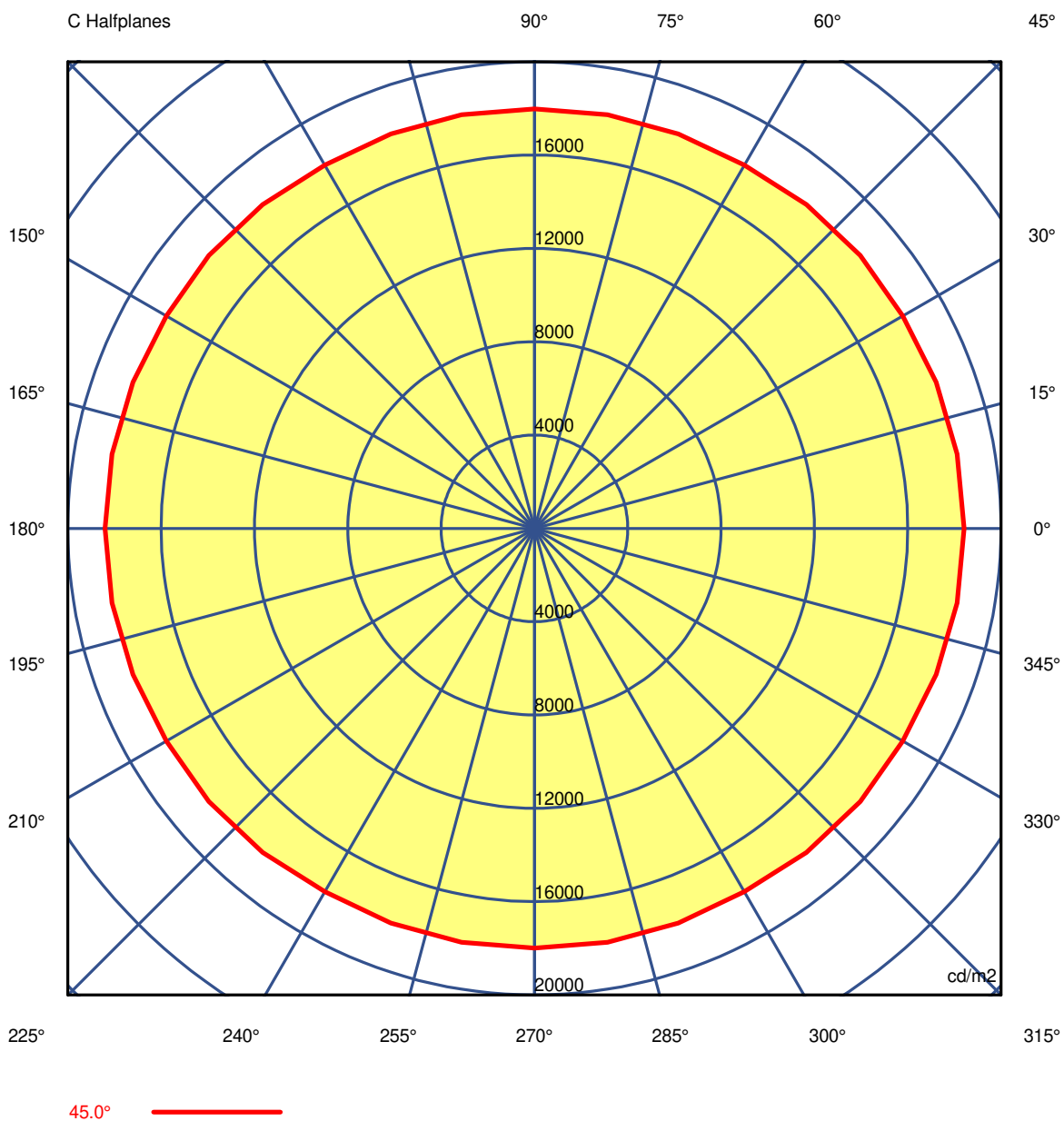
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Luminaire Flux	1066 lm	Luminaire Power	11.8 W	Efficacy	90.627 lm/W	Efficiency	64.75%
Source Flux	1646 lm	Maximum value	416.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux	1646 lm		Maximum value		416.80 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	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	
G 5.0	138941	139143	139241	139211	139128	139126	139177	139138	139110	139110	139110	139138	139177	
G 10.0	118693	118961	119059	119079	119052	119049	119049	118981	118970	119049	118970	118981	119049	
G 15.0	102199	102285	102305	102279	102279	102262	102199	102134	102124	102172	102124	102134	102199	
G 20.0	88937	88839	88889	89010	88982	88898	88839	88797	88798	88839	88798	88797	88839	
G 25.0	77706	77654	77701	77775	77720	77741	77820	77730	77683	77775	77683	77730	77820	
G 30.0	65348	65468	65619	65689	65561	65613	65817	65746	65704	65689	65704	65746	65817	
G 35.0	49716	49769	49885	49960	49840	49822	49939	49926	49920	49960	49920	49926	49939	
G 40.0	31416	31387	31314	31221	31169	31108	31046	31050	31080	31105	31080	31050	31046	
G 45.0	18417	18391	18313	18229	18217	18125	17984	17996	18008	17984	18008	17996	17984	
G 50.0	12777	12729	12731	12758	12740	12704	12666	12623	12614	12648	12614	12623	12666	
G 55.0	10186	10174	10160	10150	10150	10140	10113	10098	10095	10095	10095	10098	10113	
G 60.0	8559	8579	8615	8649	8649	8656	8667	8641	8634	8667	8634	8641	8667	
G 65.0	6725	6725	6730	6743	6743	6743	6743	6743	6743	6743	6743	6743	6743	
G 70.0	4948	4932	4934	4948	4954	4937	4912	4908	4918	4930	4918	4908	4912	
G 75.0	3372	3401	3409	3409	3409	3405	3391	3375	3375	3391	3375	3375	3391	
G 80.0	2044	2058	2065	2063	2053	2030	2006	2006	2006	2006	2006	2006	2006	
G 85.0	928	945	944	928	915	904	890	865	838	812	838	865	890	
G 90.0	161	149	132	121	121	109	81	81	81	81	81	81	81	

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Source Flux	1646 lm		Maximum value		416.80 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	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916	
G 5.0	139126	139128	139211	139241	139143	138941	139143	139241	139211	139128	139126	139177	139138	
G 10.0	119049	119052	119079	119059	118961	118693	118961	119059	119079	119052	119049	119049	118981	
G 15.0	102262	102279	102279	102305	102285	102199	102285	102305	102279	102279	102262	102199	102134	
G 20.0	88898	88982	89010	88889	88839	88937	88839	88889	89010	88982	88898	88839	88797	
G 25.0	77741	77720	77775	77701	77654	77706	77654	77701	77775	77720	77741	77820	77730	
G 30.0	65613	65561	65689	65619	65468	65348	65468	65619	65689	65561	65613	65817	65746	
G 35.0	49822	49840	49960	49885	49769	49716	49769	49885	49960	49840	49822	49939	49926	
G 40.0	31108	31169	31221	31314	31387	31416	31387	31314	31221	31169	31108	31046	31050	
G 45.0	18125	18217	18229	18313	18391	18417	18391	18313	18229	18217	18125	17984	17996	
G 50.0	12704	12740	12758	12731	12729	12777	12729	12731	12758	12740	12704	12666	12623	
G 55.0	10140	10150	10150	10160	10174	10186	10174	10160	10150	10150	10140	10113	10098	
G 60.0	8656	8649	8649	8615	8579	8559	8579	8615	8649	8649	8656	8667	8641	
G 65.0	6743	6743	6743	6730	6725	6725	6725	6730	6743	6743	6743	6743	6743	
G 70.0	4937	4954	4948	4934	4932	4948	4932	4934	4948	4954	4937	4912	4908	
G 75.0	3405	3409	3409	3409	3401	3372	3401	3409	3409	3409	3405	3391	3375	
G 80.0	2030	2053	2063	2065	2058	2044	2058	2065	2063	2053	2030	2006	2006	
G 85.0	904	915	928	944	945	928	945	944	928	915	904	890	865	
G 90.0	109	121	121	132	149	161	149	132	121	121	109	81	81	

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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	163916	163916	163916	163916	163916	163916	163916	163916	163916	163916
G 5.0	139110	139110	139110	139138	139177	139126	139128	139211	139241	139143
G 10.0	118970	119049	118970	118981	119049	119049	119052	119079	119059	118961
G 15.0	102124	102172	102124	102134	102199	102262	102279	102279	102305	102285
G 20.0	88798	88839	88798	88797	88839	88898	88982	89010	88889	88839
G 25.0	77683	77775	77683	77730	77820	77741	77720	77775	77701	77654
G 30.0	65704	65689	65704	65746	65817	65613	65561	65689	65619	65468
G 35.0	49920	49960	49920	49926	49939	49822	49840	49960	49885	49769
G 40.0	31080	31105	31080	31050	31046	31108	31169	31221	31314	31387
G 45.0	18008	17984	18008	17996	17984	18125	18217	18229	18313	18391
G 50.0	12614	12648	12614	12623	12666	12704	12740	12758	12731	12729
G 55.0	10095	10095	10095	10098	10113	10140	10150	10150	10160	10174
G 60.0	8634	8667	8634	8641	8667	8656	8649	8649	8615	8579
G 65.0	6743	6743	6743	6743	6743	6743	6743	6743	6730	6725
G 70.0	4918	4930	4918	4908	4912	4937	4954	4948	4934	4932
G 75.0	3375	3391	3375	3375	3391	3405	3409	3409	3409	3401
G 80.0	2006	2006	2006	2006	2006	2030	2053	2063	2065	2058
G 85.0	838	812	838	865	890	904	915	928	944	945
G 90.0	81	81	81	81	81	109	121	121	132	149