

**Luminaire**

Code 90575L008

Name VEGA IP /E D100 LIGHT+ 940 LO

**Measurem.**

Code 9/2/2023

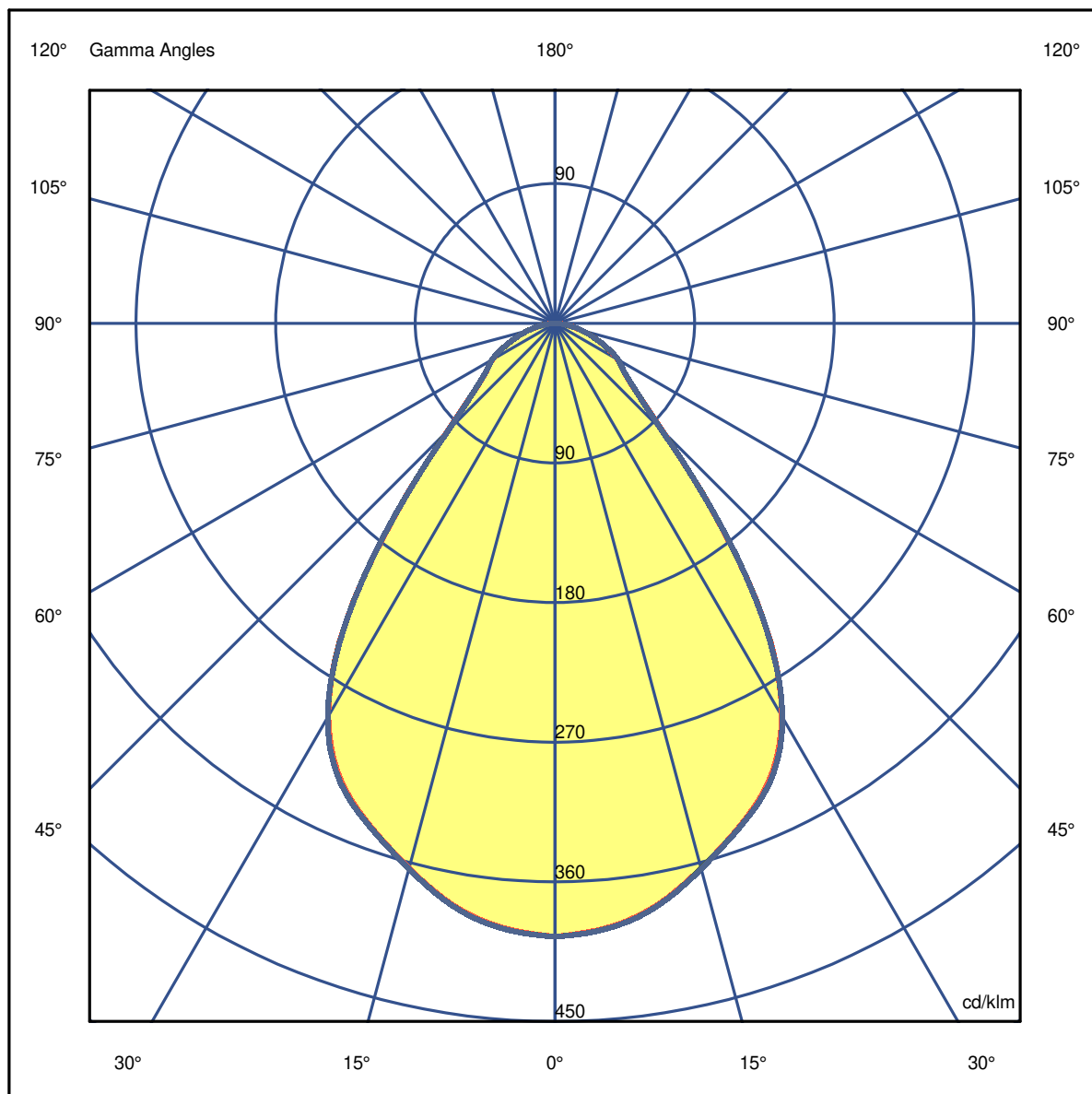
Name VEGA IP /E D100 LIGHT+ 940 LO

Luminaire Flux	653 lm	Luminaire Power	6.5 W	Efficacy	99.854 lm/W	Efficiency	62.37%
Source Flux	1047 lm	Maximum value	395.20 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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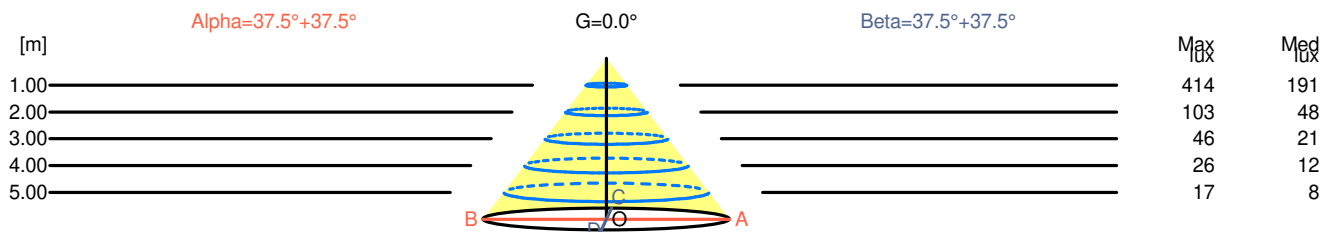
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Width at 50.00 % of Max Intensity

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	0.77	1.53	2.30	3.07	3.84	OC	0.77	1.53	2.30	3.07	3.83
OB	0.77	1.53	2.30	3.07	3.84	OD	0.77	1.53	2.30	3.07	3.83

	0	5	15	25	35	45	55	65	75	85
OA	413.77	409.17	380.58	341.01	246.57	102.61	56.64	38.11	18.74	5.03
OB	413.77	409.17	380.58	341.01	246.57	102.61	56.64	38.11	18.74	5.03
OC	413.77	409.90	381.00	342.37	245.94	101.66	56.96	38.22	18.74	4.29
OD	413.77	409.90	381.00	342.37	245.94	101.66	56.96	38.22	18.74	4.29



H[m]	D[m]	Max lux	Med lux	Alpha=37.5°+37.5°	G=0.0	
1.00	1.53	414	191			
2.00	3.07	103	48			
3.00	4.60	46	21			
4.00	6.14	26	12			
5.00	7.67	17	8			

H[m]	D[m]	Max lux	Med lux	Beta=37.5°+37.5°	G=0.0	
1.00	1.53	414	191			
2.00	3.07	103	48			
3.00	4.60	46	21			
4.00	6.13	26	12			
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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	18.6	19.6	18.8	19.8	20.0	18.6	19.6	18.9	19.8	20.0
x=2H y=3H	19.1	20.0	19.4	20.2	20.5	19.1	20.0	19.4	20.2	20.5
x=2H y=4H	19.2	20.1	19.5	20.3	20.6	19.2	20.1	19.6	20.3	20.6
x=2H y=6H	19.3	20.1	19.6	20.4	20.7	19.3	20.1	19.6	20.4	20.7
x=2H y=8H	19.3	20.1	19.7	20.4	20.7	19.3	20.1	19.7	20.4	20.7
x=2H y=12H	19.3	20.0	19.6	20.3	20.6	19.3	20.0	19.6	20.3	20.6
x=4H y=2H	18.8	19.6	19.1	19.9	20.1	18.8	19.6	19.1	19.9	20.2
x=4H y=3H	19.4	20.1	19.8	20.4	20.8	19.4	20.1	19.8	20.5	20.8
x=4H y=4H	19.7	20.3	20.0	20.6	21.0	19.7	20.3	20.1	20.6	21.0
x=4H y=6H	19.8	20.3	20.2	20.7	21.1	19.8	20.3	20.2	20.7	21.1
x=4H y=8H	19.8	20.3	20.2	20.7	21.1	19.8	20.3	20.2	20.7	21.1
x=4H y=12H	19.8	20.2	20.2	20.7	21.1	19.8	20.2	20.2	20.6	21.1
x=8H y=4H	19.7	20.2	20.1	20.6	21.0	19.7	20.2	20.1	20.6	21.0
x=8H y=6H	19.9	20.3	20.4	20.7	21.2	19.9	20.3	20.4	20.7	21.2
x=8H y=8H	20.0	20.3	20.4	20.7	21.2	19.9	20.3	20.4	20.7	21.2
x=8H y=12H	19.9	20.2	20.4	20.7	21.2	19.9	20.2	20.4	20.7	21.2
x=12H y=4H	19.7	20.1	20.1	20.5	21.0	19.7	20.1	20.1	20.5	21.0
x=12H y=6H	19.9	20.2	20.4	20.7	21.1	19.9	20.2	20.4	20.7	21.1
x=12H y=8H	19.9	20.2	20.4	20.7	21.2	19.9	20.2	20.4	20.7	21.2

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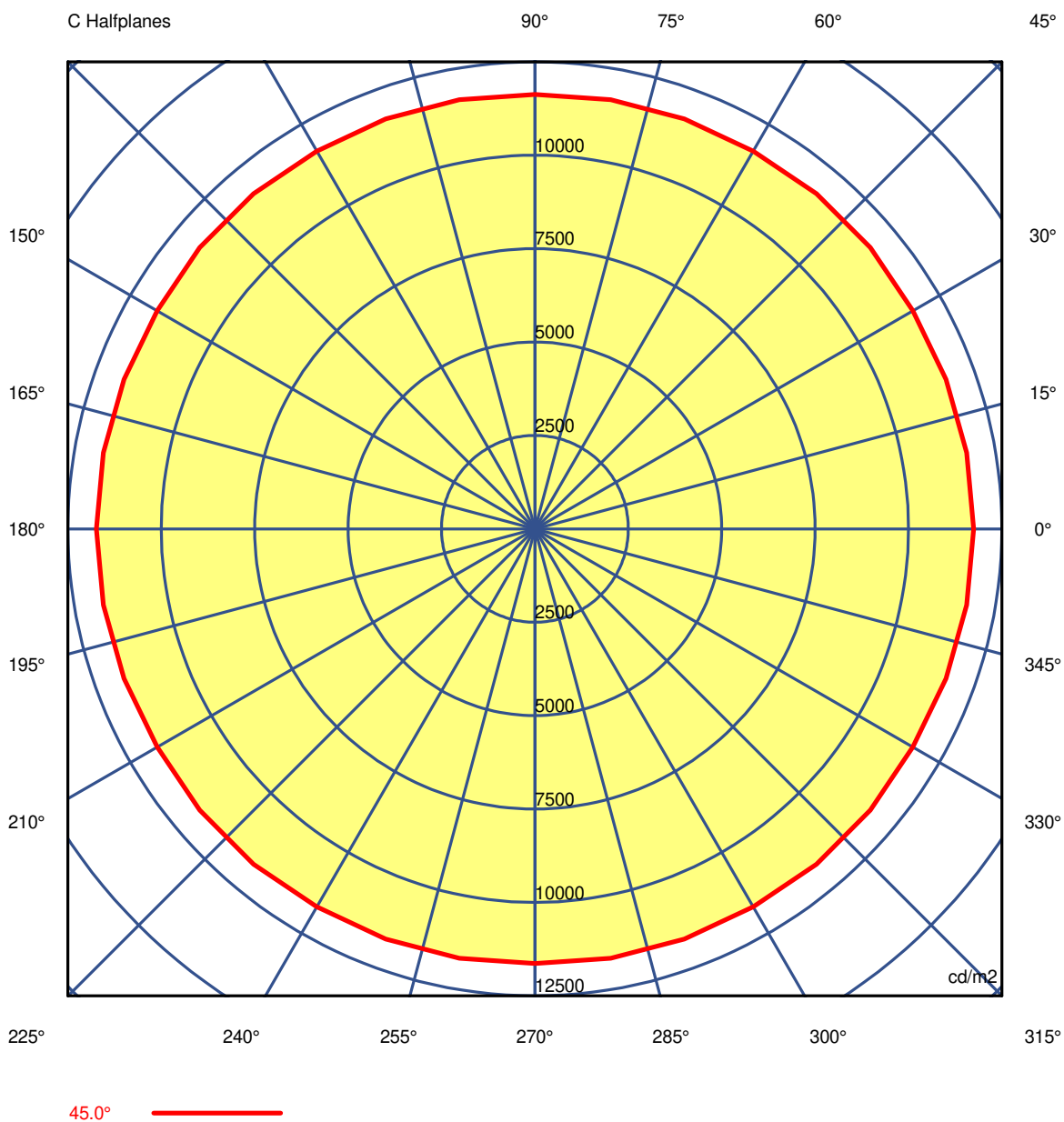
**Measurem.**

Code 9/2/2023

Name VEGA IP /E D100 LIGHT+ 940 LO

Luminaire Flux	653 lm	Luminaire Power	6.5 W	Efficacy	99.854 lm/W	Efficiency	62.37%
Source Flux	1047 lm	Maximum value	395.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux	1047 lm		Maximum value		395.20 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	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	
G 5.0	83811	83868	83925	83961	83950	83933	83918	83881	83890	83961	83890	83881	83918	
G 10.0	71909	71776	71792	71928	72002	71928	71815	71859	71949	72004	71949	71859	71815	
G 15.0	61794	61712	61745	61845	61867	61913	61964	61888	61832	61862	61832	61888	61964	
G 20.0	53818	53712	53665	53709	53811	53813	53740	53766	53836	53895	53836	53766	53740	
G 25.0	47045	47004	47019	47088	47155	47175	47175	47184	47202	47233	47202	47184	47175	
G 30.0	39680	39647	39681	39734	39693	39658	39680	39716	39753	39789	39753	39716	39680	
G 35.0	30373	30321	30311	30347	30389	30358	30296	30318	30333	30296	30333	30318	30296	
G 40.0	19624	19644	19649	19637	19618	19610	19600	19567	19578	19649	19578	19567	19600	
G 45.0	11739	11731	11706	11679	11714	11718	11679	11679	11670	11631	11670	11679	11679	
G 50.0	7963	7969	7984	7999	7993	7982	7975	7974	7978	7987	7978	7974	7975	
G 55.0	6226	6204	6212	6237	6237	6241	6249	6258	6260	6260	6260	6258	6249	
G 60.0	5319	5319	5321	5330	5339	5342	5342	5349	5353	5353	5353	5349	5342	
G 65.0	4152	4152	4152	4152	4162	4160	4152	4159	4163	4163	4163	4159	4152	
G 70.0	3044	3033	3039	3056	3059	3052	3044	3043	3047	3056	3047	3043	3044	
G 75.0	2087	2087	2090	2099	2101	2095	2087	2087	2087	2087	2087	2087	2087	
G 80.0	1288	1288	1288	1288	1271	1264	1264	1257	1248	1240	1248	1257	1264	
G 85.0	591	591	586	578	578	575	566	560	541	504	541	560	566	
G 90.0	90	90	90	90	81	77	77	77	74	64	74	77	77	

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Source Flux	1047 lm	Maximum value		395.20 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	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862
G 5.0	83933	83950	83961	83925	83868	83811	83868	83925	83961	83950	83933	83918	83881
G 10.0	71928	72002	71928	71792	71776	71909	71776	71792	71928	72002	71928	71815	71859
G 15.0	61913	61867	61845	61745	61712	61794	61712	61745	61845	61867	61913	61964	61888
G 20.0	53813	53811	53709	53665	53712	53818	53712	53665	53709	53811	53813	53740	53766
G 25.0	47175	47155	47088	47019	47004	47045	47004	47019	47088	47155	47175	47175	47184
G 30.0	39658	39693	39734	39681	39647	39680	39647	39681	39734	39693	39658	39680	39716
G 35.0	30358	30389	30347	30311	30321	30373	30321	30311	30347	30389	30358	30296	30318
G 40.0	19610	19618	19637	19649	19644	19624	19644	19649	19637	19618	19610	19600	19567
G 45.0	11718	11714	11679	11706	11731	11739	11731	11706	11679	11714	11718	11679	11679
G 50.0	7982	7993	7999	7984	7969	7963	7969	7984	7999	7993	7982	7975	7974
G 55.0	6241	6237	6237	6212	6204	6226	6204	6212	6237	6237	6241	6249	6258
G 60.0	5342	5339	5330	5321	5319	5319	5319	5321	5330	5339	5342	5342	5349
G 65.0	4160	4162	4152	4152	4152	4152	4152	4152	4162	4162	4160	4152	4159
G 70.0	3052	3059	3056	3039	3033	3044	3033	3039	3056	3059	3052	3044	3043
G 75.0	2095	2101	2099	2090	2087	2087	2087	2090	2099	2101	2095	2087	2087
G 80.0	1264	1271	1288	1288	1288	1288	1288	1288	1288	1271	1264	1264	1257
G 85.0	575	578	578	586	591	591	591	586	578	578	575	566	560
G 90.0	77	81	90	90	90	90	90	90	90	81	77	77	77

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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	98862	98862	98862	98862	98862	98862	98862	98862	98862	98862
G 5.0	83890	83961	83890	83881	83918	83933	83950	83961	83925	83868
G 10.0	71949	72004	71949	71859	71815	71928	72002	71928	71792	71776
G 15.0	61832	61862	61832	61888	61964	61913	61867	61845	61745	61712
G 20.0	53836	53895	53836	53766	53740	53813	53811	53709	53665	53712
G 25.0	47202	47233	47202	47184	47175	47175	47155	47088	47019	47004
G 30.0	39753	39789	39753	39716	39680	39658	39693	39734	39681	39647
G 35.0	30333	30296	30333	30318	30296	30358	30389	30347	30311	30321
G 40.0	19578	19649	19578	19567	19600	19610	19618	19637	19649	19644
G 45.0	11670	11631	11670	11679	11679	11718	11714	11679	11706	11731
G 50.0	7978	7987	7978	7974	7975	7982	7993	7999	7984	7969
G 55.0	6260	6260	6260	6258	6249	6241	6237	6237	6212	6204
G 60.0	5353	5353	5353	5349	5342	5342	5339	5330	5321	5319
G 65.0	4163	4163	4163	4159	4152	4160	4162	4152	4152	4152
G 70.0	3047	3056	3047	3043	3044	3052	3059	3056	3039	3033
G 75.0	2087	2087	2087	2087	2087	2095	2101	2099	2090	2087
G 80.0	1248	1240	1248	1257	1264	1264	1271	1288	1288	1288
G 85.0	541	504	541	560	566	575	578	578	586	591
G 90.0	74	64	74	77	77	77	81	90	90	90