

Luminaire

Code 90447L008
Name VEGA IP D95 LIGHT+ 940 LO

Measurem.

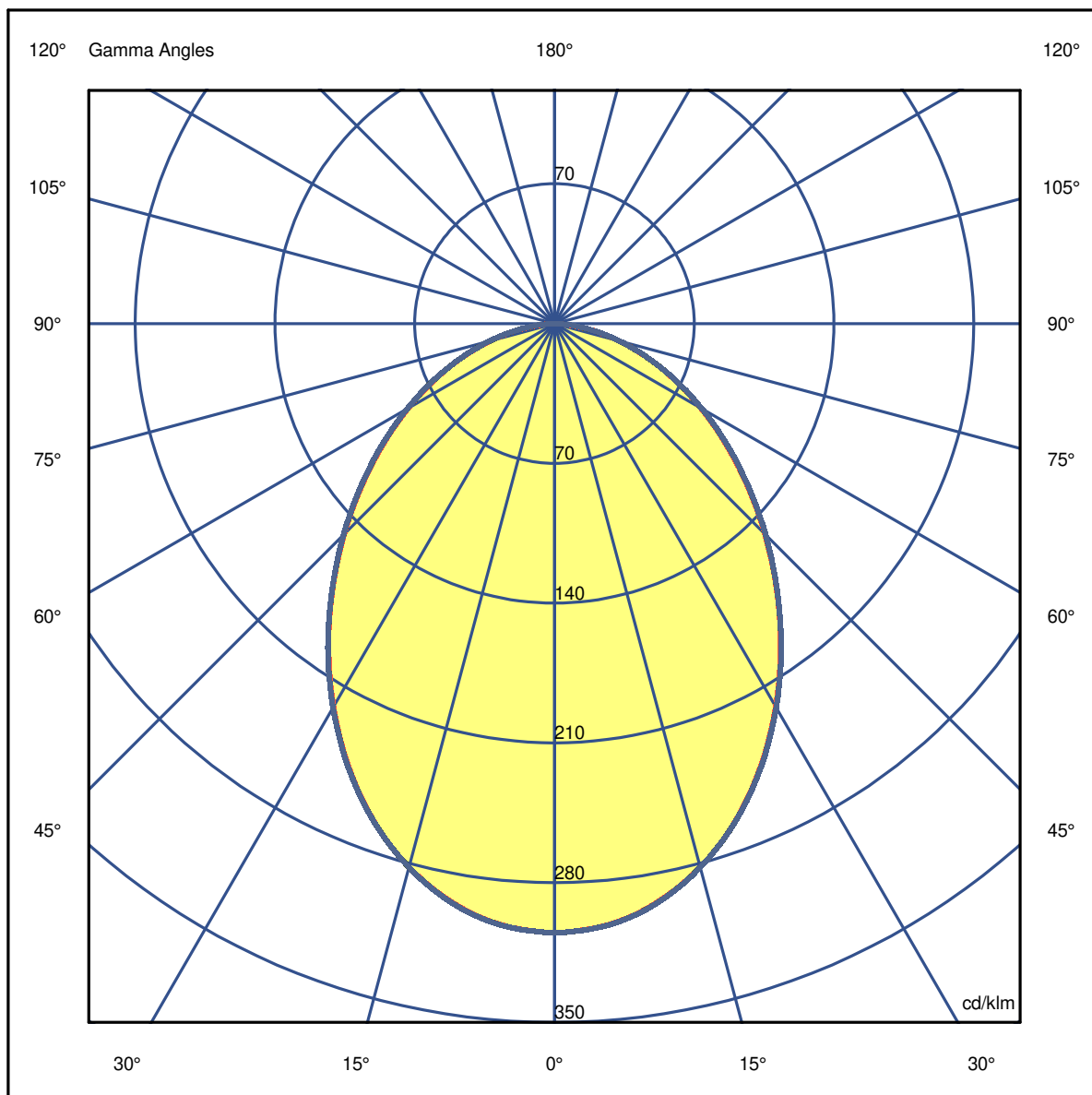
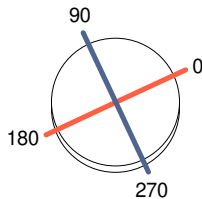
Code 14/2/2023
Name VEGA IP D95 LIGHT+ 940 LO

Luminaire Flux	696 lm	Luminaire Power	7.5 W	Efficacy	92.497 lm/W	Efficiency	66.44%
Source Flux	1047 lm	Maximum value	305.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=95mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



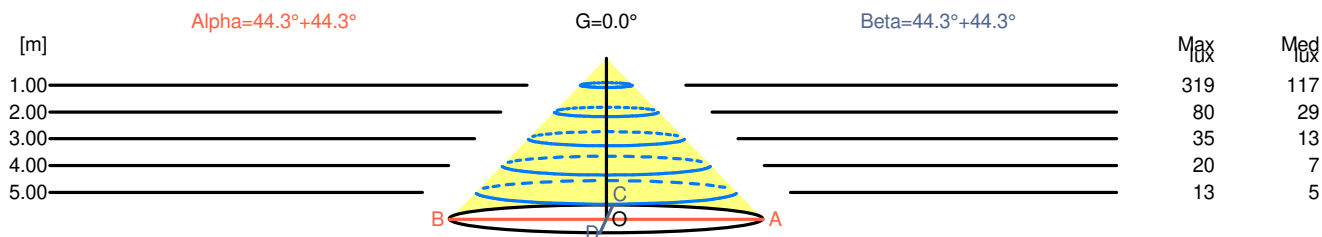
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Width at 50.00 % of Max Intensity

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	0.97	1.95	2.92	3.90	4.87	OC	0.98	1.95	2.93	3.91	4.89
OB	0.97	1.95	2.92	3.90	4.87	OD	0.98	1.95	2.93	3.91	4.89

	0	5	15	25	35	45	55	65	75	85
OA	319.44	316.61	295.15	255.99	206.78	156.00	109.52	69.42	35.07	6.70
OB	319.44	316.61	295.15	255.99	206.78	156.00	109.52	69.42	35.07	6.70
OC	319.44	316.72	295.15	256.31	207.20	156.53	110.25	69.63	35.28	7.75
OD	319.44	316.72	295.15	256.31	207.20	156.53	110.25	69.63	35.28	7.75



H[m]	D[m]	Max lux	Med lux	Alpha=44.3°+44.3°	G=0.0
1.00	1.95	319	117		
2.00	3.90	80	29		
3.00	5.85	35	13		
4.00	7.79	20	7		
5.00	9.74	13	5		

H[m]	D[m]	Max lux	Med lux	Beta=44.3°+44.3°	G=0.0
1.00	1.95	319	117		
2.00	3.91	80	29		
3.00	5.86	35	13		
4.00	7.82	20	7		
5.00	9.77	13	5		

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Source Flux	1047 lm	Maximum value	305.10 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	19.7	20.9	20.0	21.2	21.4	19.7	21.0	20.0	21.2	21.4
x=2H y=3H	20.4	21.6	20.8	21.8	22.1	20.5	21.6	20.8	21.8	22.1
x=2H y=4H	20.7	21.7	21.0	22.0	22.3	20.7	21.7	21.0	22.0	22.3
x=2H y=6H	20.8	21.7	21.1	22.0	22.4	20.8	21.8	21.1	22.1	22.4
x=2H y=8H	20.8	21.7	21.1	22.0	22.3	20.8	21.7	21.2	22.0	22.4
x=2H y=12H	20.8	21.6	21.1	21.9	22.3	20.8	21.6	21.1	22.0	22.3
x=4H y=2H	20.1	21.1	20.4	21.4	21.7	20.1	21.1	20.4	21.4	21.7
x=4H y=3H	21.0	21.8	21.3	22.2	22.5	21.0	21.9	21.4	22.2	22.5
x=4H y=4H	21.3	22.1	21.7	22.4	22.8	21.3	22.1	21.7	22.5	22.8
x=4H y=6H	21.5	22.1	21.9	22.5	22.9	21.5	22.1	21.9	22.5	22.9
x=4H y=8H	21.5	22.1	21.9	22.5	22.9	21.5	22.1	21.9	22.5	22.9
x=4H y=12H	21.5	22.0	21.9	22.5	22.9	21.5	22.1	21.9	22.5	22.9
x=8H y=4H	21.4	22.0	21.8	22.4	22.8	21.4	22.0	21.8	22.4	22.8
x=8H y=6H	21.6	22.1	22.1	22.5	23.0	21.6	22.1	22.1	22.6	23.0
x=8H y=8H	21.7	22.1	22.1	22.5	23.0	21.7	22.1	22.1	22.5	23.0
x=8H y=12H	21.7	22.0	22.1	22.5	23.0	21.7	22.1	22.2	22.5	23.0
x=12H y=4H	21.4	21.9	21.8	22.3	22.8	21.4	21.9	21.8	22.4	22.8
x=12H y=6H	21.6	22.1	22.1	22.5	23.0	21.6	22.1	22.1	22.5	23.0
x=12H y=8H	21.7	22.0	22.1	22.5	23.0	21.7	22.1	22.2	22.5	23.0

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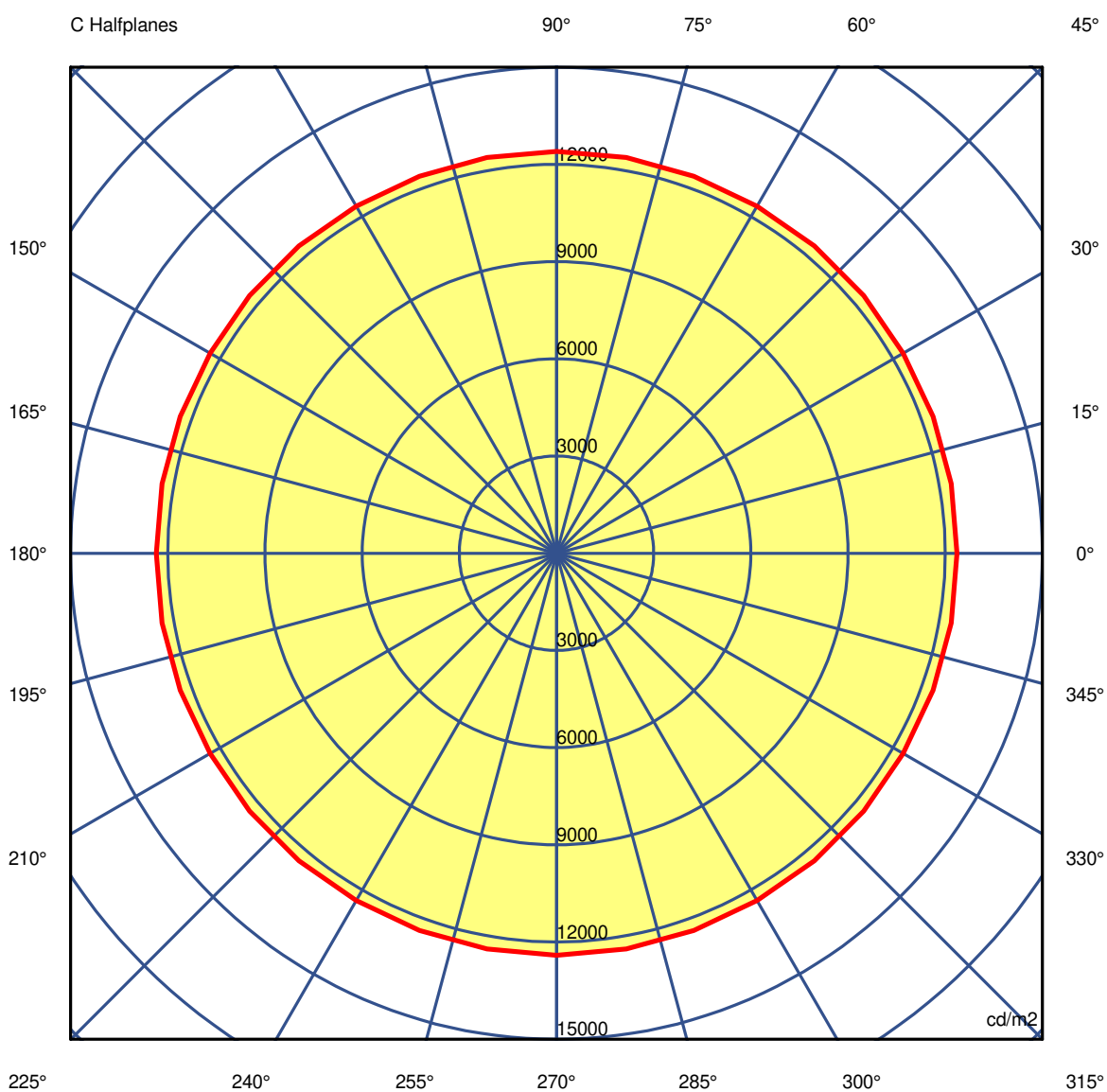
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Luminaire Flux	696 lm	Luminaire Power	7.5 W	Efficacy	92.497 lm/W	Efficiency	66.44%
Source Flux	1047 lm	Maximum value	305.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	1047 lm		Maximum value		305.10 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	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	
G 5.0	62646	62698	62702	62667	62649	62646	62646	62646	62651	62667	62651	62646	62646	
G 10.0	49564	49613	49594	49564	49639	49652	49581	49581	49589	49598	49589	49581	49581	
G 15.0	40207	40236	40221	40193	40220	40237	40221	40221	40219	40207	40219	40221	40221	
G 20.0	33012	33034	33031	33012	33012	33012	33012	33021	33025	33025	33025	33021	33012	
G 25.0	27220	27230	27227	27220	27228	27229	27220	27225	27238	27253	27238	27225	27220	
G 30.0	22454	22435	22441	22464	22475	22470	22464	22477	22490	22495	22490	22477	22464	
G 35.0	18492	18526	18516	18482	18485	18492	18492	18502	18517	18529	18517	18502	18492	
G 40.0	15170	15170	15162	15152	15173	15171	15152	15174	15191	15179	15191	15174	15152	
G 45.0	12361	12371	12362	12353	12377	12382	12369	12390	12402	12402	12402	12390	12369	
G 50.0	9995	10008	10011	10011	10018	10016	10011	10026	10040	10043	10040	10026	10011	
G 55.0	8008	8022	8020	8016	8034	8033	8016	8028	8048	8062	8048	8028	8016	
G 60.0	6320	6314	6311	6312	6318	6320	6320	6323	6334	6350	6334	6323	6320	
G 65.0	4849	4849	4844	4835	4844	4849	4849	4853	4859	4864	4859	4853	4849	
G 70.0	3552	3547	3543	3545	3555	3559	3559	3559	3561	3567	3561	3559	3559	
G 75.0	2416	2416	2416	2416	2422	2421	2416	2419	2426	2430	2426	2419	2416	
G 80.0	1383	1390	1388	1383	1388	1391	1391	1395	1398	1398	1398	1395	1391	
G 85.0	469	482	480	477	498	505	498	522	538	542	538	522	498	
G 90.0	52	52	52	52	76	79	75	114	137	142	137	114	75	

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Source Flux	1047 lm		Maximum value		305.10 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	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005	
G 5.0	62646	62649	62667	62702	62698	62646	62698	62702	62667	62649	62646	62646	62646	
G 10.0	49652	49639	49564	49594	49613	49564	49613	49594	49564	49639	49652	49581	49581	
G 15.0	40237	40220	40193	40221	40236	40207	40236	40221	40193	40220	40237	40221	40221	
G 20.0	33012	33012	33012	33031	33034	33012	33034	33031	33012	33012	33012	33012	33021	
G 25.0	27229	27228	27220	27227	27230	27220	27230	27227	27220	27228	27229	27220	27225	
G 30.0	22470	22475	22464	22441	22435	22454	22435	22441	22464	22475	22470	22464	22477	
G 35.0	18492	18485	18482	18516	18526	18492	18526	18516	18482	18485	18492	18492	18502	
G 40.0	15171	15173	15152	15162	15170	15170	15170	15162	15152	15173	15171	15152	15174	
G 45.0	12382	12377	12353	12362	12371	12361	12371	12362	12353	12377	12382	12369	12390	
G 50.0	10016	10018	10011	10011	10008	9995	10008	10011	10011	10018	10016	10011	10026	
G 55.0	8033	8034	8016	8020	8022	8008	8022	8020	8016	8034	8033	8016	8028	
G 60.0	6320	6318	6312	6311	6314	6320	6314	6311	6312	6318	6320	6320	6323	
G 65.0	4849	4844	4835	4844	4849	4849	4849	4844	4835	4844	4849	4849	4853	
G 70.0	3559	3555	3545	3543	3547	3552	3547	3543	3545	3555	3559	3559	3559	
G 75.0	2421	2422	2416	2416	2416	2416	2416	2416	2416	2422	2421	2416	2419	
G 80.0	1391	1388	1383	1388	1390	1383	1390	1388	1383	1388	1391	1391	1395	
G 85.0	505	498	477	480	482	469	482	480	477	498	505	498	522	
G 90.0	79	76	52	52	52	52	52	52	52	76	79	75	114	

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Source Flux	1047 lm	Maximum value	305.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	83005	83005	83005	83005	83005	83005	83005	83005	83005	83005
G 5.0	62651	62667	62651	62646	62646	62646	62649	62667	62702	62698
G 10.0	49589	49598	49589	49581	49581	49652	49639	49564	49594	49613
G 15.0	40219	40207	40219	40221	40221	40237	40220	40193	40221	40236
G 20.0	33025	33025	33025	33021	33012	33012	33012	33012	33031	33034
G 25.0	27238	27253	27238	27225	27220	27229	27228	27220	27227	27230
G 30.0	22490	22495	22490	22477	22464	22470	22475	22464	22441	22435
G 35.0	18517	18529	18517	18502	18492	18492	18485	18482	18516	18526
G 40.0	15191	15179	15191	15174	15152	15171	15173	15152	15162	15170
G 45.0	12402	12402	12402	12390	12369	12382	12377	12353	12362	12371
G 50.0	10040	10043	10040	10026	10011	10016	10018	10011	10011	10008
G 55.0	8048	8062	8048	8028	8016	8033	8034	8016	8020	8022
G 60.0	6334	6350	6334	6323	6320	6320	6318	6312	6311	6314
G 65.0	4859	4864	4859	4853	4849	4849	4844	4835	4844	4849
G 70.0	3561	3567	3561	3559	3559	3559	3555	3545	3543	3547
G 75.0	2426	2430	2426	2419	2416	2421	2422	2416	2416	2416
G 80.0	1398	1398	1398	1395	1391	1391	1388	1383	1388	1390
G 85.0	538	542	538	522	498	505	498	477	480	482
G 90.0	137	142	137	114	75	79	76	52	52	52