

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

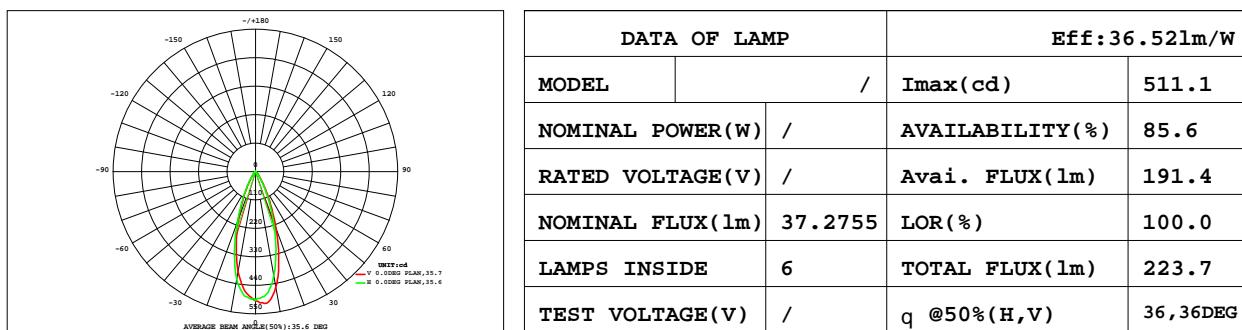
Maximum Intensity (Luminaire orientation as tested.)	2285.4 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} 63.8V x 64.0H At 50% of I _{max} 35.6V x 35.7H At 90% of I _{max} 15.7V x 15.1H
Beam Flux	Total 1000.3 lumens per klm. To 10% of I _{max} 857.7 lumens per klm. To 50% of I _{max} 497.9 lumens per klm. To 90% of I _{max} 116.2 lumens per klm.
	Upward LOR 1.4 % Downward LOR 98.7 %
Luminaire Efficiency(Light Output Ratio)	100.0 %

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.5DEG
Operators:/
Test Date:2022-02-14

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
Humidity:31.7%
Test Distance:12.040m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.32V I:0.2946A P:6.1246W PF:0.8549 Freq:0Hz Lamp Flux:37.2755x6 lm		
NAME: TL-OU-5106A-6 6W RGB 30D	TYPE: `LED UNDERWATER LIGHT	WEIGHT:1.25
SPEC.:6W DC24V	DIM.: 0.11*0.11*0.1	SERIAL No.:/
MFR.: /	SUR.:0.075*0.075	Shielding Angle:/



VERTICAL(DEG)	AREA FLUX DIAGRAM																				UNIT:lm	F t	F a
	0.02	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.10	0.10	0.09	0.08	0.07	0.06	0.04	0.03	0.02	0.02	1.04	0.00			
45	0.02	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.10	0.10	0.09	0.08	0.07	0.06	0.04	0.03	0.02	0.02	1.74	0.00			
40	0.02	0.03	0.05	0.07	0.09	0.12	0.15	0.17	0.19	0.19	0.17	0.14	0.12	0.09	0.06	0.05	0.03	0.02	1.74	0.00			
35	0.03	0.04	0.07	0.10	0.15	0.21	0.27	0.32	0.36	0.35	0.32	0.26	0.20	0.14	0.10	0.06	0.04	0.03	3.07	0.47			
30	0.04	0.06	0.10	0.16	0.25	0.37	0.50	0.61	0.67	0.66	0.59	0.48	0.35	0.23	0.15	0.09	0.06	0.03	5.41	3.79			
25	0.04	0.08	0.15	0.25	0.41	0.62	0.88	1.08	1.20	1.18	1.03	0.82	0.57	0.37	0.22	0.13	0.07	0.04	9.14	7.95			
20	0.05	0.11	0.20	0.36	0.62	0.98	1.40	1.76	1.95	1.91	1.67	1.29	0.88	0.55	0.31	0.17	0.09	0.05	14.3	13.3			
15	0.07	0.13	0.25	0.49	0.87	1.40	2.02	2.56	2.80	2.72	2.36	1.81	1.23	0.75	0.41	0.21	0.11	0.06	20.3	19.3			
	0.08	0.15	0.31	0.60	1.09	1.80	2.60	3.23	3.49	3.34	2.90	2.25	1.52	0.91	0.50	0.25	0.13	0.06	25.2	24.4			
	0.08	0.17	0.34	0.68	1.24	2.05	2.94	3.60	3.79	3.59	3.18	2.47	1.69	1.02	0.55	0.28	0.14	0.07	27.9	27.1			
	0.08	0.17	0.34	0.68	1.25	2.04	2.90	3.54	3.74	3.62	3.20	2.50	1.70	1.02	0.55	0.28	0.14	0.07	27.8	27.0			
	0.08	0.16	0.31	0.60	1.10	1.78	2.53	3.14	3.40	3.30	2.88	2.22	1.50	0.91	0.50	0.25	0.13	0.06	24.9	24.0			
-15	0.07	0.13	0.26	0.49	0.87	1.40	2.00	2.48	2.72	2.66	2.30	1.77	1.19	0.73	0.41	0.21	0.11	0.06	19.8	18.9			
-20	0.06	0.11	0.20	0.36	0.63	0.99	1.39	1.73	1.91	1.87	1.62	1.25	0.86	0.53	0.30	0.16	0.09	0.05	14.1	13.1			
-25	0.05	0.09	0.15	0.25	0.42	0.63	0.87	1.08	1.19	1.17	1.02	0.79	0.56	0.36	0.21	0.12	0.07	0.04	9.06	7.84			
-30	0.04	0.07	0.10	0.17	0.26	0.37	0.50	0.61	0.67	0.66	0.58	0.46	0.33	0.22	0.14	0.09	0.05	0.03	5.35	3.69			
-35	0.03	0.05	0.07	0.11	0.16	0.21	0.28	0.33	0.35	0.35	0.31	0.25	0.19	0.13	0.09	0.06	0.04	0.02	3.03	0.44			
-40	0.02	0.04	0.05	0.07	0.10	0.12	0.15	0.17	0.18	0.18	0.16	0.14	0.11	0.08	0.06	0.04	0.03	0.02	1.73	0.00			
-45	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.10	0.10	0.10	0.09	0.08	0.06	0.05	0.04	0.03	0.02	0.01	1.02	0.00			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45						
F t	0.90	1.63	3.01	5.53	9.61	15.3	21.5	26.6	28.8	27.9	24.5	19.0	13.1	8.14	4.63	2.51	1.35	0.75	215	---			
F a	0.00	0.00	0.76	3.97	8.35	14.1	20.5	25.6	27.9	27.0	23.4	18.0	12.0	6.81	2.93	0.19	0.00	0.00	---	191			

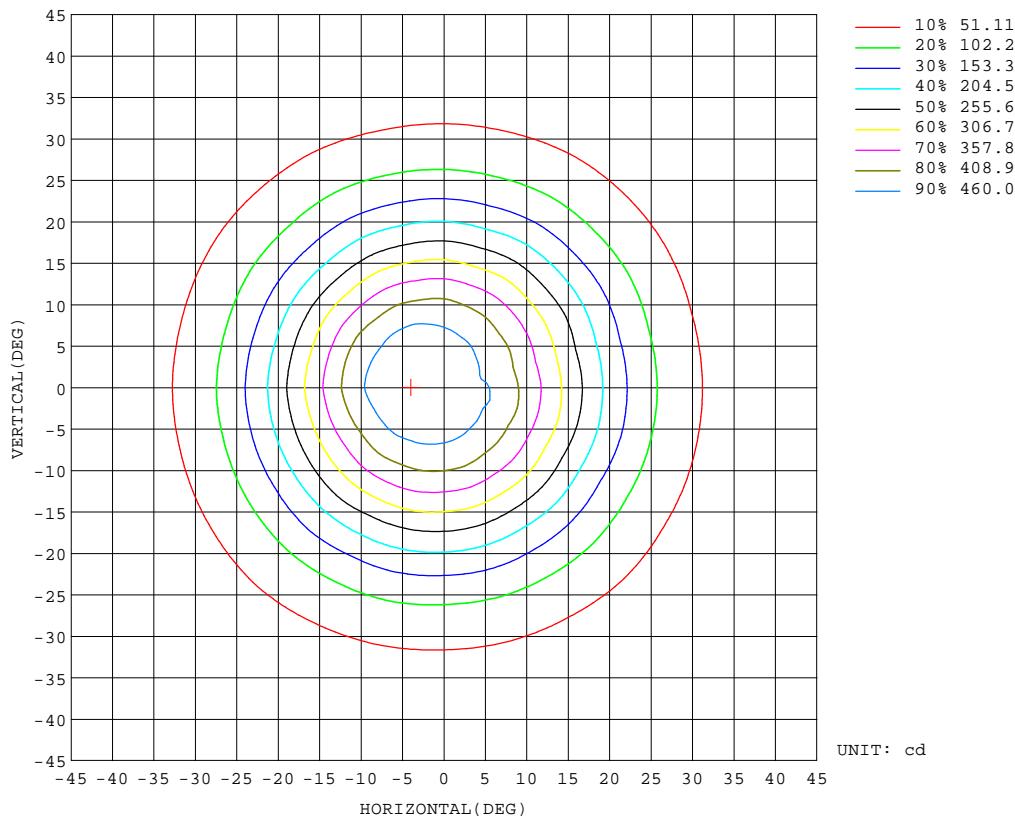
one-half-peak spread: U:17.7,D:16.1 , L:15.1,R:18.8 NEMA Beam Type: Type 4

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g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.402
 Humidity: 31.7%
 Test Distance: 12.040m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

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MFR.: /	SUR.:0.075*0.075	Shielding Angle:/

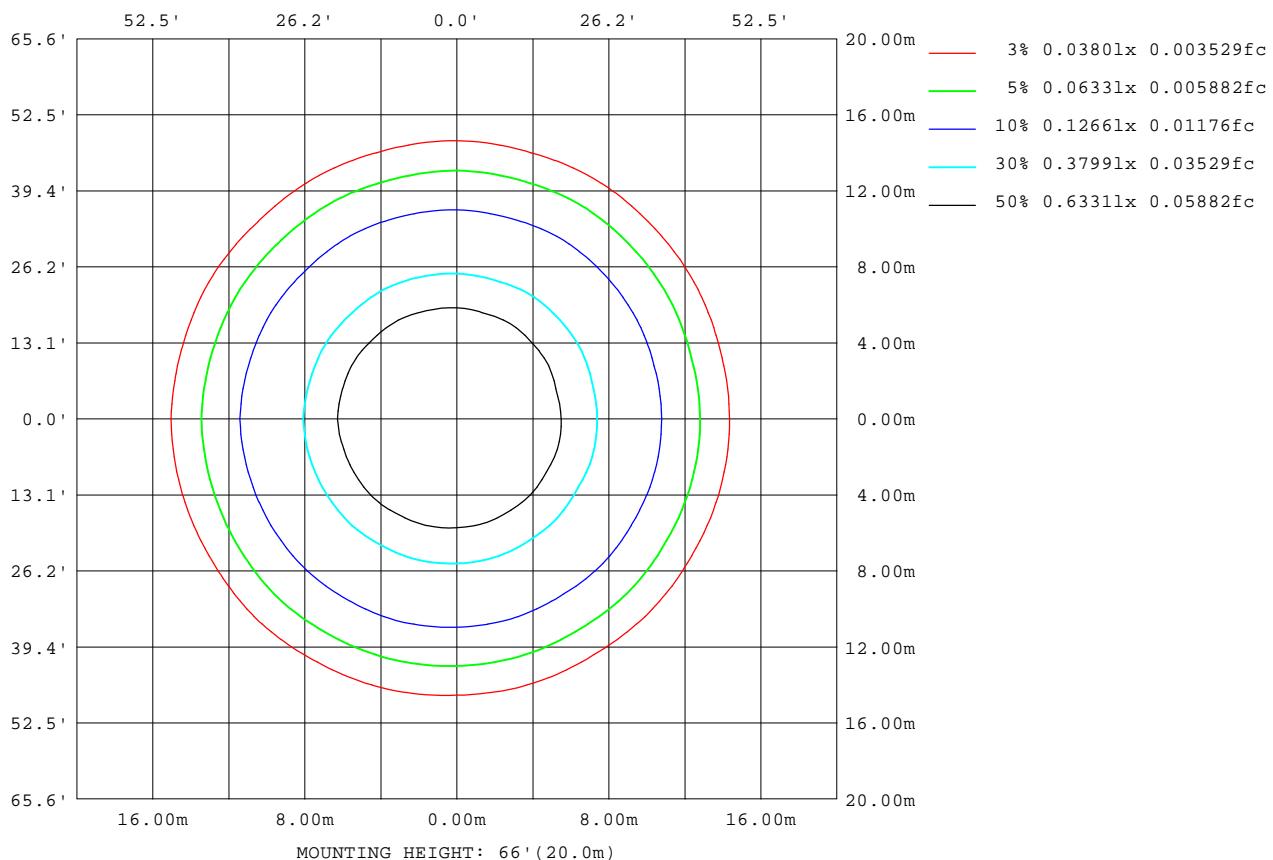


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ISOLUX DIAGRAM

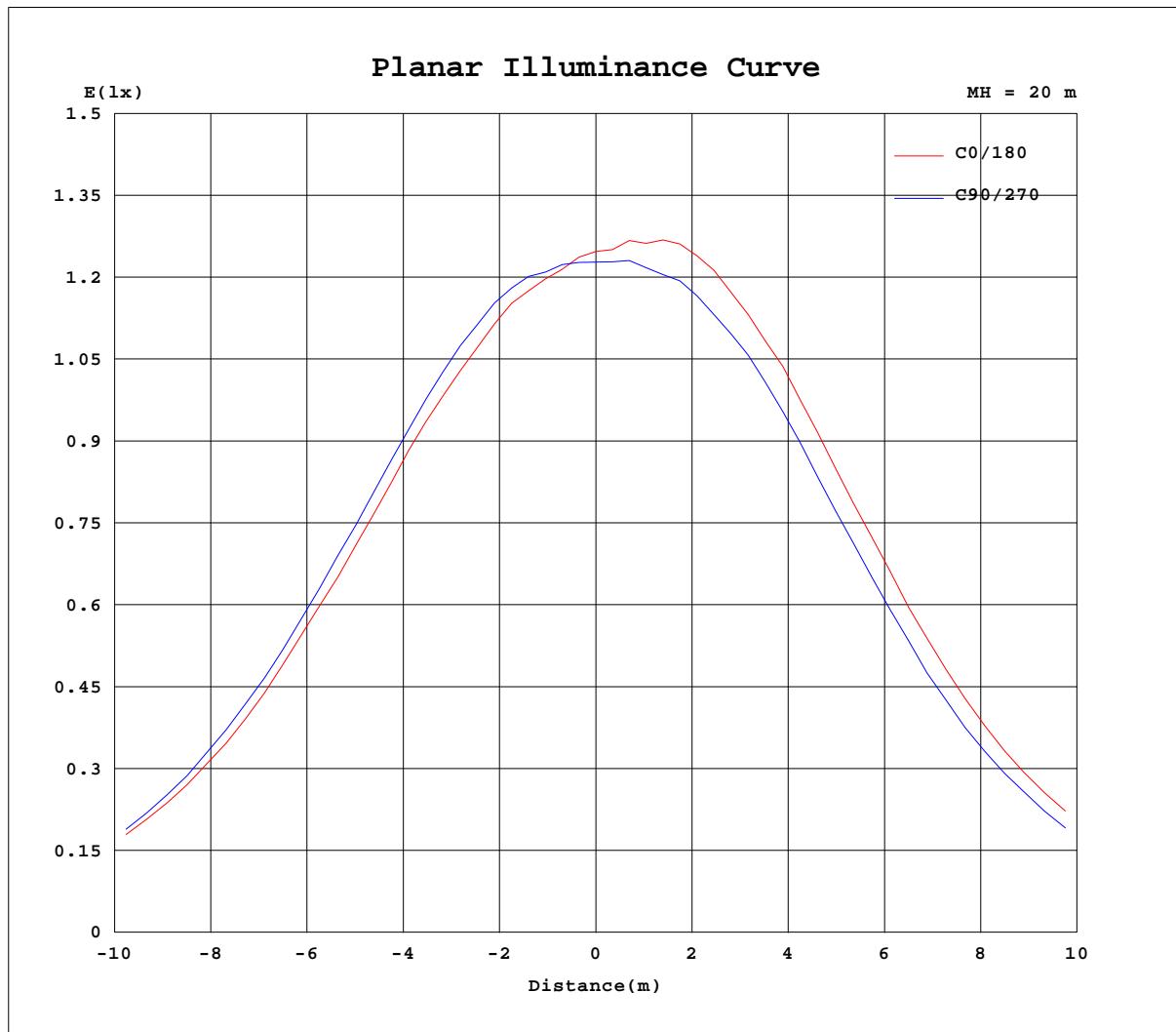
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 Remarks:

Planar Illuminance Curve



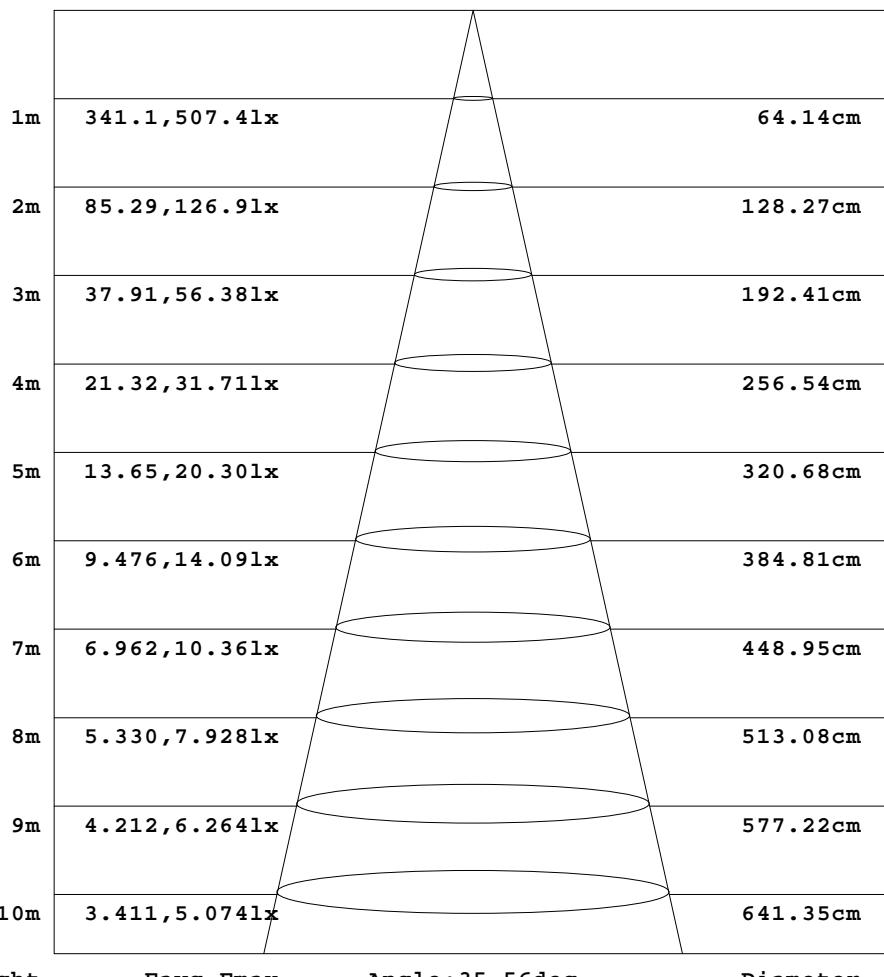
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AAI Figure

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Flux out:113.1 lm



Height Eavg, Emax Angle:35.56deg Diameter

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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