

**LUMINAIRE PHOTOMETRIC TEST REPORT**

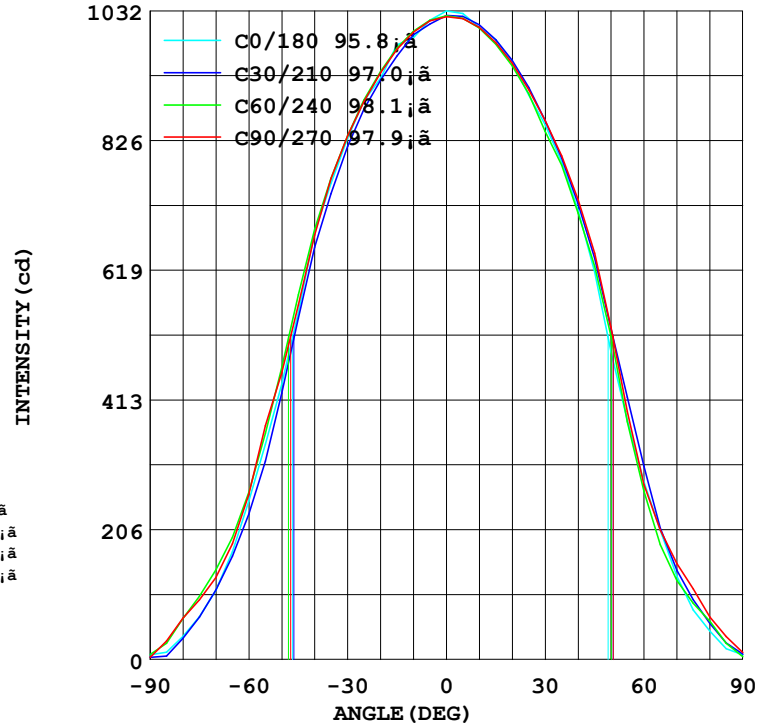
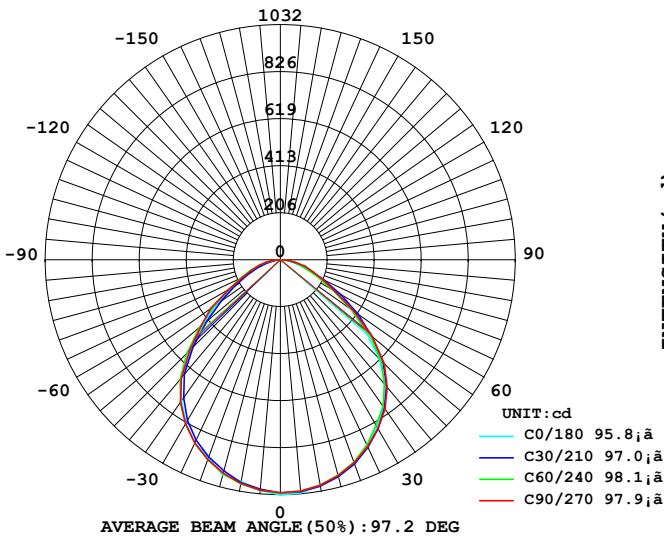
Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1032	S/MH (C0/180)	1.20
MODEL	1006-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.22
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2370.7	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	117.9	Current (A)	0.094
NOMINAL FLUX (lm)	2370.7	η up (%)	0.0	Power (W)	20.10
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.982
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	2292.6	EET	0.119

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

**Color Temperature Data List**

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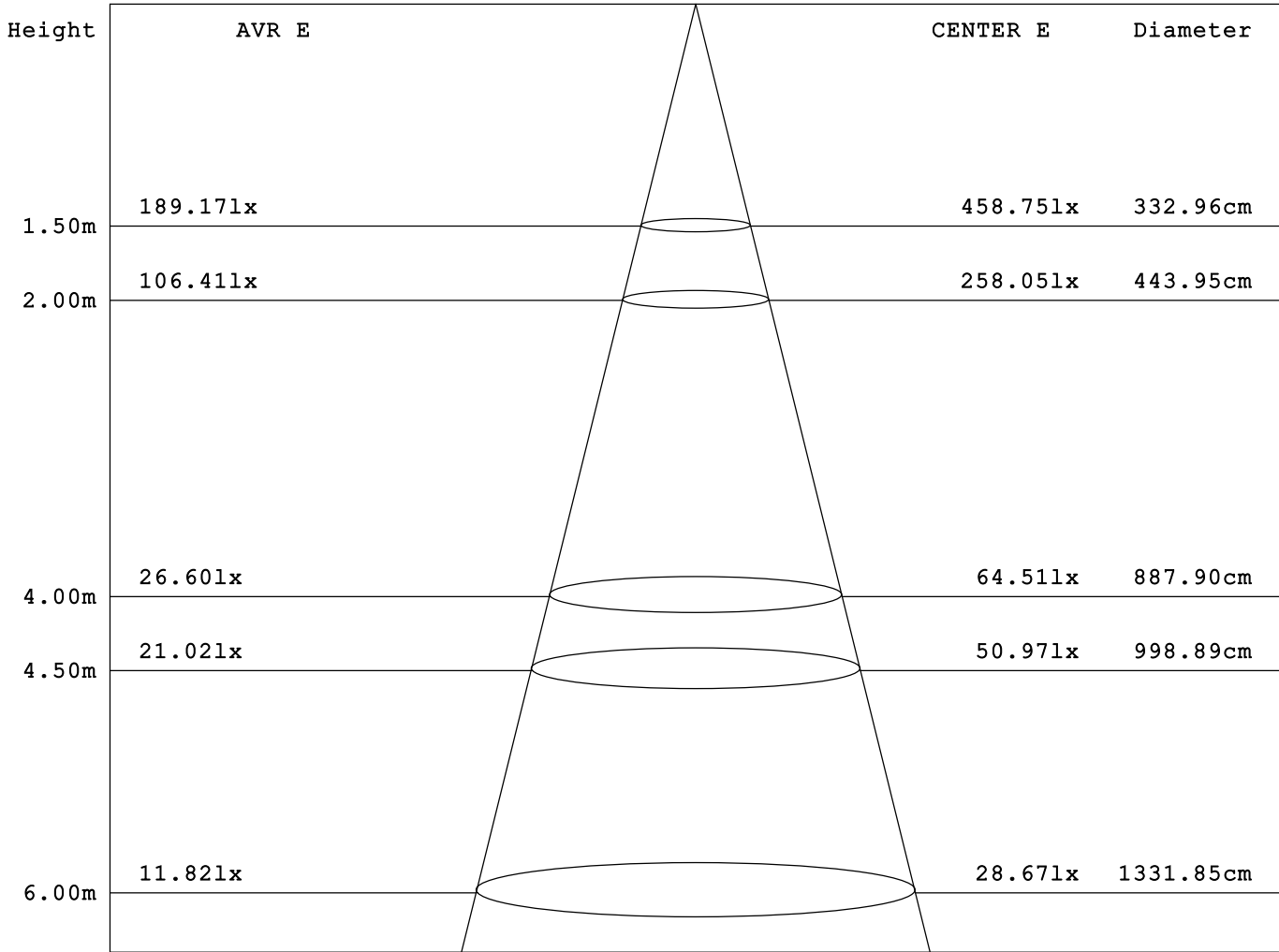
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Temperature:25.3DEG  
Operators:  
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**AVERAGE AND CENTER E Figure**

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MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:



Angle:96.0deg

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

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### ZONAL FLUX DIAGRAM

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	989.5	997.0	998.0	999.2	1006	1008	1006	1001	0- 10	96.64	96.64
20.0	924.7	928.7	933.9	936.0	950.8	949.1	948.9	938.1	10- 20	275.0	371.6
30.0	829.5	825.0	833.1	835.0	851.1	849.2	857.6	838.0	20- 30	411.3	783.0
40.0	680.2	670.5	675.5	688.9	714.9	717.9	731.8	700.8	30- 40	483.0	1266
50.0	437.5	443.7	455.7	467.3	489.7	520.2	528.2	498.0	40- 50	457.3	1723
60.0	251.9	248.2	262.2	263.9	282.3	287.3	278.2	266.2	50- 60	332.3	2056
70.0	109.7	126.1	130.2	135.1	132.3	133.5	152.3	125.3	60- 70	191.8	2248
80.0	36.64	48.96	65.25	53.92	44.85	59.11	67.50	53.06	70- 80	95.16	2343
90.0	7.400	5.685	3.519	5.505	7.490	6.317	10.92	5.866	80- 90	28.01	2371
100.0									90-100		
110.0									100-110		
120.0									110-120		
130.0									120-130		
140.0									130-140		
150.0									140-150		
160.0									150-160		
170.0									160-170		
180.0									170-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
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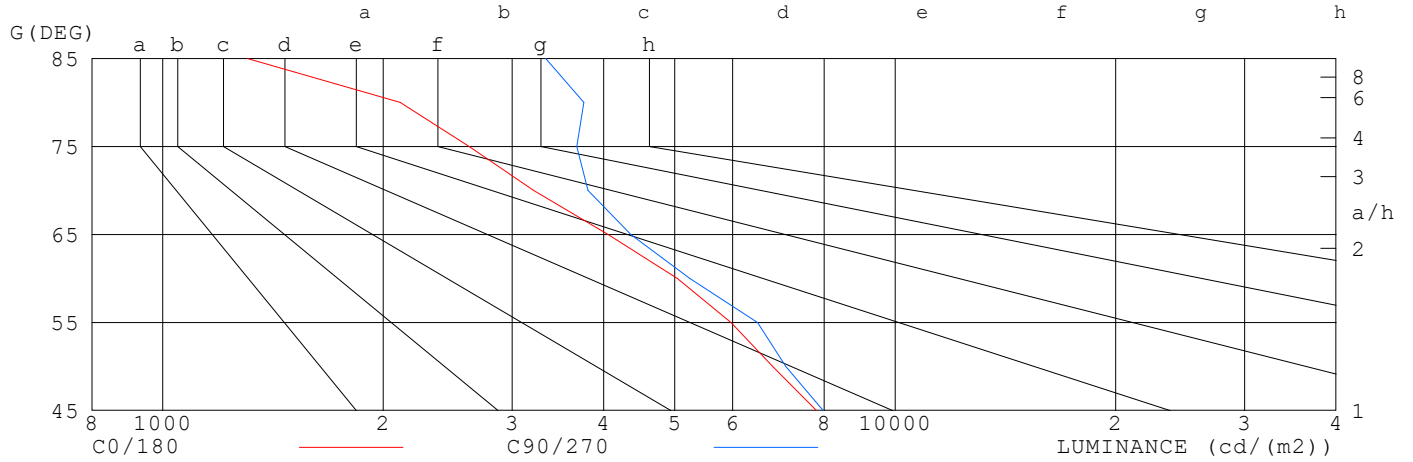
**LUMINANCE LIMITATION CURVES**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

**LUMINANCE LIMITATION CURVES**

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



**LUMINANCE cd/m2**

G (DEG)	C0/180	C90/270
85	1305	3334
80	2110	3758
75	2622	3675
70	3209	3808
65	4055	4359
60	5040	5245
55	5968	6487
50	6807	7090
45	7811	7974

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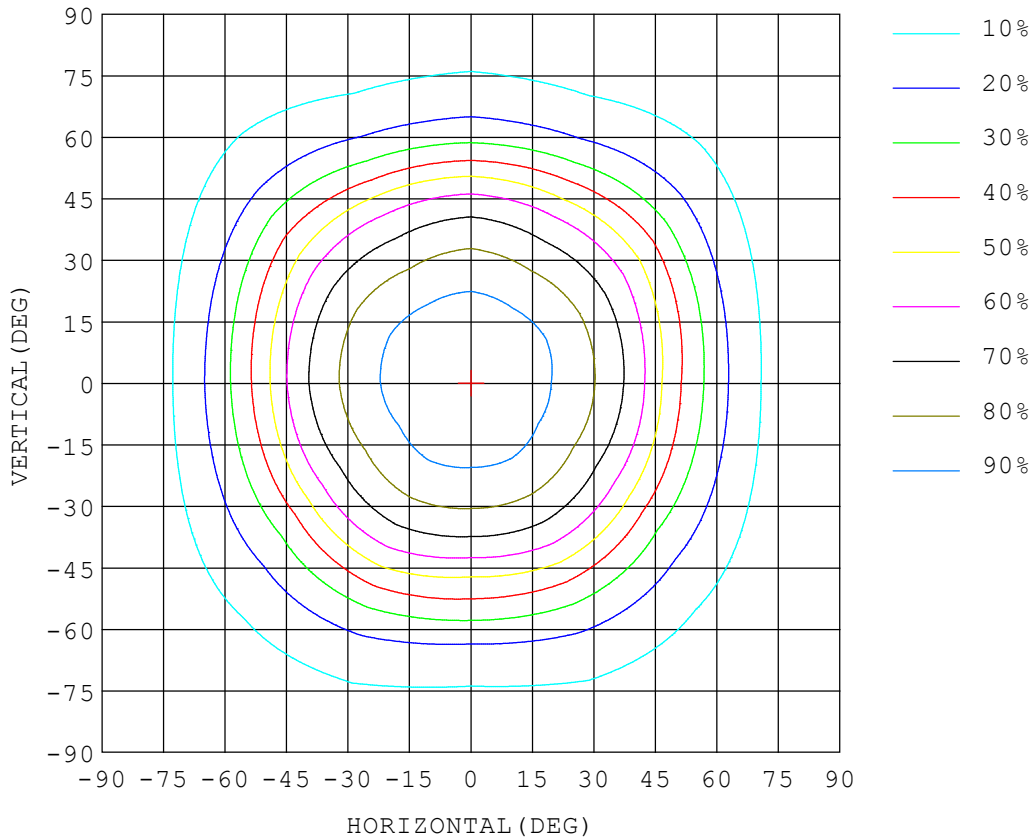
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**ISOCANDELA DIAGRAM**

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
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SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

UNIT: cd



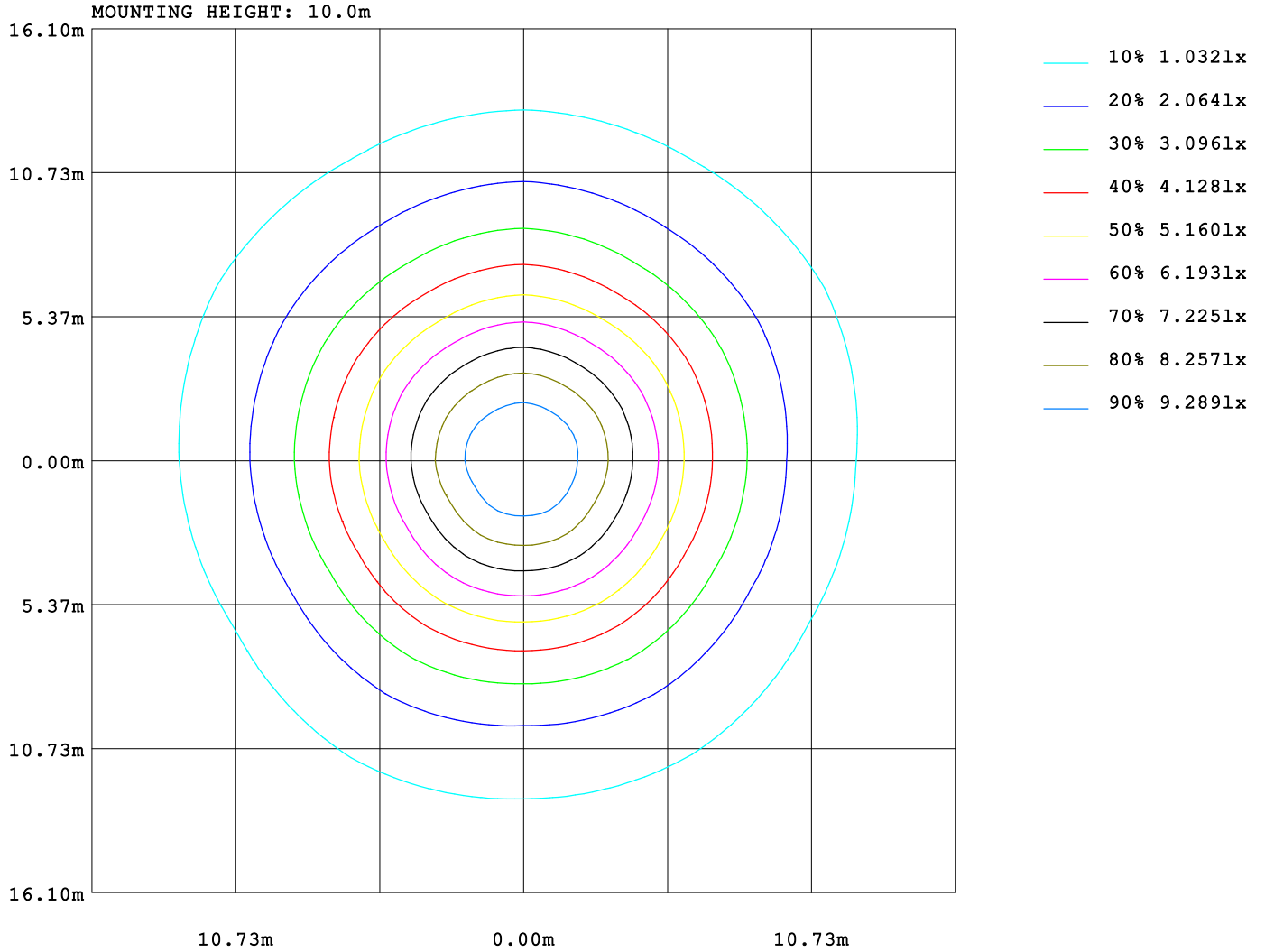
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 Operators:  
 Test Date:05-20-2023

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 Remarks: 4000k

**ISOLUX DIAGRAM**

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### AREA LUMINOUS FLUX

Report number:

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NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

		AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
VERTICAL (DEG)	90	0.02	0.09	0.20	0.32	0.45	0.59	0.76	0.95	1.10	1.08	0.90	0.68	0.51	0.38	0.27	0.16	0.08	0.02	8.57	0.00
	80	0.03	0.15	0.42	0.85	1.34	1.83	2.32	2.84	3.24	3.22	2.79	2.24	1.71	1.21	0.74	0.35	0.12	0.03	25.4	7.91
	70	0.04	0.24	0.74	1.53	2.44	3.39	4.38	5.48	6.21	6.18	5.39	4.26	3.24	2.26	1.37	0.64	0.19	0.03	48.0	41.6
	60	0.04	0.34	1.09	2.37	4.08	6.16	8.31	10.4	11.8	11.7	10.3	8.08	5.82	3.80	2.14	0.96	0.29	0.03	88.0	85.1
	50	0.05	0.44	1.47	3.45	6.52	10.1	13.9	17.1	19.0	18.9	16.8	13.5	9.75	6.01	3.13	1.29	0.38	0.04	142	140
	40	0.06	0.54	1.88	4.67	9.11	14.1	18.6	21.9	23.8	23.7	21.6	18.2	13.6	8.55	4.20	1.64	0.46	0.05	187	186
	30	0.07	0.61	2.27	5.73	11.1	17.0	21.8	25.1	27.1	27.0	24.8	21.3	16.4	10.4	5.20	1.96	0.53	0.05	219	218
		0.07	0.67	2.55	6.45	12.4	18.7	23.8	27.5	29.4	29.3	27.1	23.3	18.1	11.5	5.86	2.20	0.57	0.06	240	239
		0.07	0.70	2.69	6.75	13.1	19.5	24.7	28.7	30.7	30.5	28.3	24.2	18.8	12.0	6.09	2.31	0.59	0.06	250	249
		0.07	0.69	2.66	6.60	12.8	19.3	24.4	28.4	30.5	30.4	28.0	24.0	18.6	11.8	5.94	2.28	0.58	0.06	248	247
		0.07	0.65	2.46	6.01	11.7	18.0	23.1	27.1	29.2	29.1	26.9	22.8	17.4	10.8	5.46	2.12	0.55	0.05	234	233
	-30	0.06	0.58	2.13	5.11	9.87	15.8	21.1	24.9	26.7	26.6	24.7	20.7	15.2	9.20	4.66	1.84	0.50	0.05	210	209
	-40	0.05	0.49	1.74	4.05	7.61	12.7	17.8	21.3	22.9	22.8	21.0	17.3	12.1	7.13	3.68	1.51	0.42	0.04	175	174
	-50	0.05	0.39	1.32	2.99	5.57	9.19	13.1	15.9	17.1	17.0	15.5	12.6	8.70	5.19	2.71	1.15	0.33	0.03	129	127
	-60	0.04	0.28	0.93	2.06	3.79	5.99	8.39	10.1	11.0	10.9	9.88	8.02	5.66	3.52	1.85	0.81	0.23	0.03	83.6	80.2
	-70	0.03	0.17	0.56	1.27	2.37	3.64	4.82	5.51	5.80	5.75	5.38	4.63	3.45	2.18	1.13	0.48	0.13	0.02	47.3	41.7
-80	0.03	0.09	0.23	0.60	1.23	1.98	2.59	2.87	2.96	2.93	2.80	2.48	1.85	1.12	0.51	0.18	0.06	0.02	24.5	8.03	
-90	0.02	0.06	0.08	0.15	0.35	0.63	0.84	0.93	0.97	0.95	0.89	0.77	0.55	0.30	0.12	0.06	0.05	0.02	7.75	0.00	
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.88	7.18	25.4	61.0	116	179	235	278	300	299	274	230	172	108	55.1	22.0	6.04	0.68	2371		
Φ a	0.00	1.33	20.2	56.1	111	174	230	273	295	294	269	225	167	103	50.0	16.1	0.26	0.00		2293	

Test System:HOPOO HPG1800  
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 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

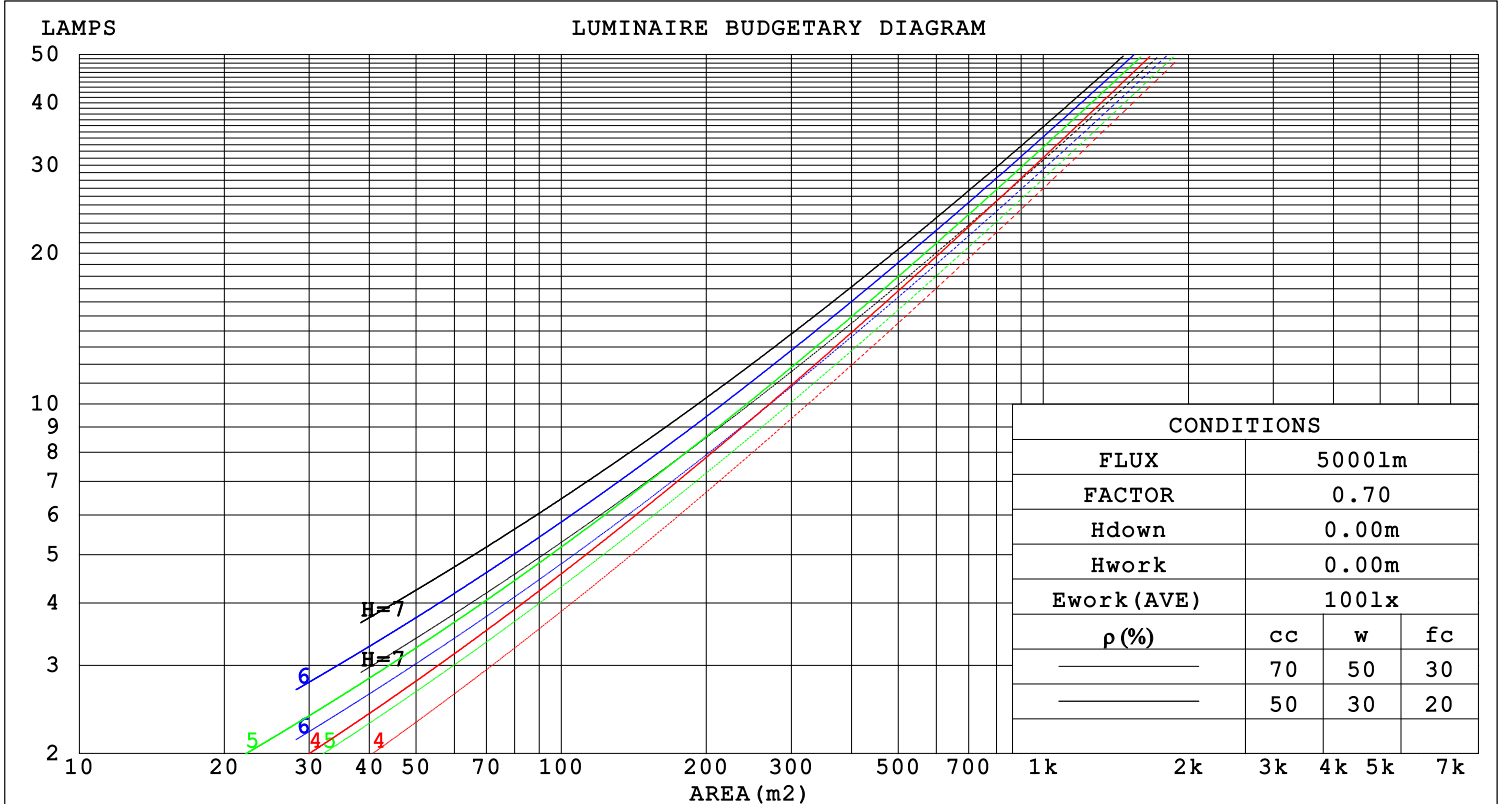


### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.96	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.82	.92	.86	.81	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.76	.70	.82	.75	.69	.79	.73	.68	.76	.71	.67	.74	.70	.66	.64
4.0	.75	.67	.60	.73	.66	.60	.71	.64	.59	.69	.63	.58	.67	.62	.58	.56
5.0	.67	.59	.53	.66	.58	.52	.64	.57	.52	.62	.56	.51	.60	.55	.51	.49
6.0	.61	.52	.46	.60	.52	.46	.58	.51	.46	.57	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.55	.47	.41	.53	.46	.41	.52	.45	.41	.50	.45	.40	.39
8.0	.51	.43	.37	.50	.42	.37	.49	.42	.37	.48	.41	.37	.46	.41	.36	.35
9.0	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.43	.37	.33	.31
10.0	.43	.36	.31	.43	.35	.31	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
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Test Set: 5.0deg/s C-Gamma (TYPE C)  
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 Test Distance:9.500 m  
 Remarks: 4000k

**WEC AND CCEC**

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SPECIFICATION:					DIMENSION: 1200*50*75					SERIAL No.:				

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.272	.155	.049	.265	.151	.048	.252	.145	.046	.240	.139	.044	.229	.133	.043	
2.0	.260	.143	.044	.254	.140	.043	.243	.135	.042	.232	.130	.041	.222	.126	.040	
3.0	.244	.130	.039	.239	.128	.038	.229	.124	.038	.220	.120	.037	.211	.117	.036	
4.0	.228	.119	.035	.223	.117	.035	.215	.114	.034	.206	.111	.033	.199	.108	.033	
5.0	.213	.109	.031	.209	.107	.031	.201	.105	.031	.194	.102	.030	.187	.100	.030	
6.0	.199	.100	.029	.196	.099	.028	.189	.097	.028	.182	.095	.028	.176	.093	.028	
7.0	.187	.092	.026	.184	.091	.026	.177	.090	.026	.172	.088	.026	.166	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.157	.081	.023	
9.0	.166	.080	.022	.163	.079	.022	.158	.078	.022	.153	.077	.022	.149	.075	.022	
10.0	.156	.075	.021	.154	.074	.021	.149	.073	.021	.145	.072	.020	.141	.071	.020	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.078	.137	.098	.068	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.061	.130	.087	.053	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.124	.078	.043	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.113	.065	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.107	.060	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.114	.059	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

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### Uncorrected UGR Table

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

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		Viewed crosswise					Viewed endwise				
x = 2H	y = 2H	18.2	19.6	18.4	19.8	20.0	18.6	20.0	18.9	20.2	20.4
	3H	18.7	20.0	19.0	20.3	20.5	19.4	20.7	19.7	20.9	21.1
	4H	18.9	20.2	19.2	20.4	20.7	19.8	21.0	20.1	21.2	21.5
	6H	19.0	20.2	19.3	20.4	20.7	20.1	21.3	20.4	21.5	21.8
	8H	19.0	20.1	19.3	20.4	20.7	20.2	21.3	20.5	21.6	21.9
	12H	18.9	20.0	19.3	20.3	20.6	20.3	21.3	20.6	21.6	21.9
4H	2H	18.5	19.7	18.8	19.9	20.2	18.9	20.1	19.2	20.3	20.6
	3H	19.2	20.3	19.6	20.6	20.9	19.9	20.9	20.2	21.2	21.5
	4H	19.5	20.5	19.9	20.8	21.1	20.4	21.4	20.8	21.7	22.0
	6H	19.6	20.5	20.0	20.8	21.2	20.9	21.8	21.3	22.1	22.5
	8H	19.6	20.4	20.0	20.8	21.1	21.0	21.8	21.4	22.2	22.6
	12H	19.6	20.3	20.0	20.7	21.1	21.1	21.9	21.5	22.2	22.6
8H	4H	19.7	20.4	20.1	20.8	21.2	20.5	21.3	20.9	21.7	22.1
	6H	19.8	20.5	20.3	20.9	21.3	21.1	21.8	21.6	22.2	22.6
	8H	19.8	20.4	20.3	20.8	21.3	21.3	21.9	21.8	22.3	22.8
	12H	19.8	20.3	20.3	20.8	21.2	21.5	22.0	22.0	22.4	22.9
12H	4H	19.7	20.4	20.1	20.8	21.2	20.5	21.2	20.9	21.6	22.0
	6H	19.9	20.4	20.3	20.9	21.3	21.1	21.7	21.6	22.1	22.6
	8H	19.8	20.3	20.3	20.8	21.3	21.3	21.8	21.8	22.3	22.7

Variations with the observer position at spacings:		
S = 1.0H	+ 0.4 / - 0.5	+ 0.4 / - 0.4
1.5H	+ 0.2 / - 0.4	+ 0.2 / - 0.2
2.0H	+ 0.9 / - 1.1	+ 0.8 / - 0.8

CIE Pub.117 Corrected 2371 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.0)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

**UTILIZATION FACTORS TABLE**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	62	52	45	62	51	45	61	51	45	39
0.80	73	62	55	72	62	55	70	61	55	48
1.00	81	71	64	80	70	64	78	71	64	57
1.25	88	78	72	86	78	72	84	76	71	64
1.50	92	84	77	91	83	77	88	81	76	69
2.00	98	91	85	97	90	85	93	88	83	76
2.50	102	95	90	100	94	89	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	101	98	102	98	95	87
5.00	110	106	102	108	104	101	103	100	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

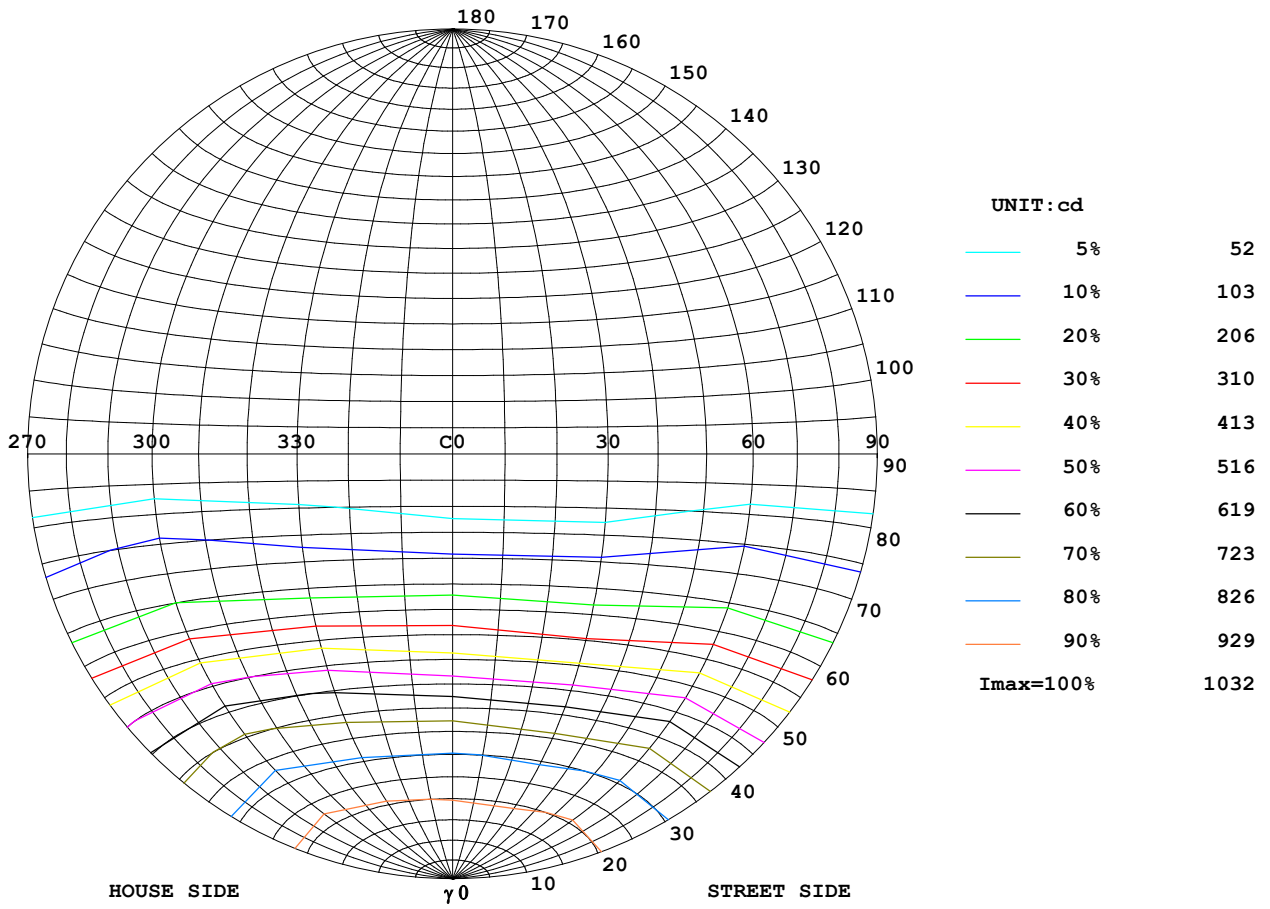
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

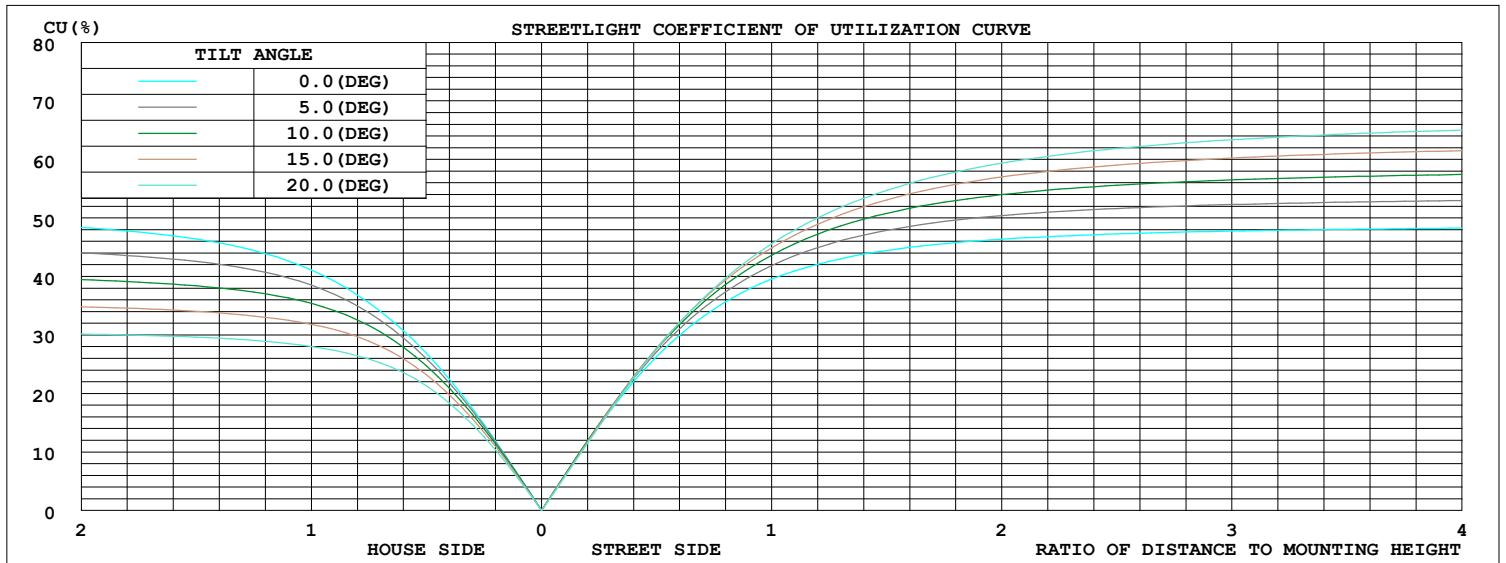
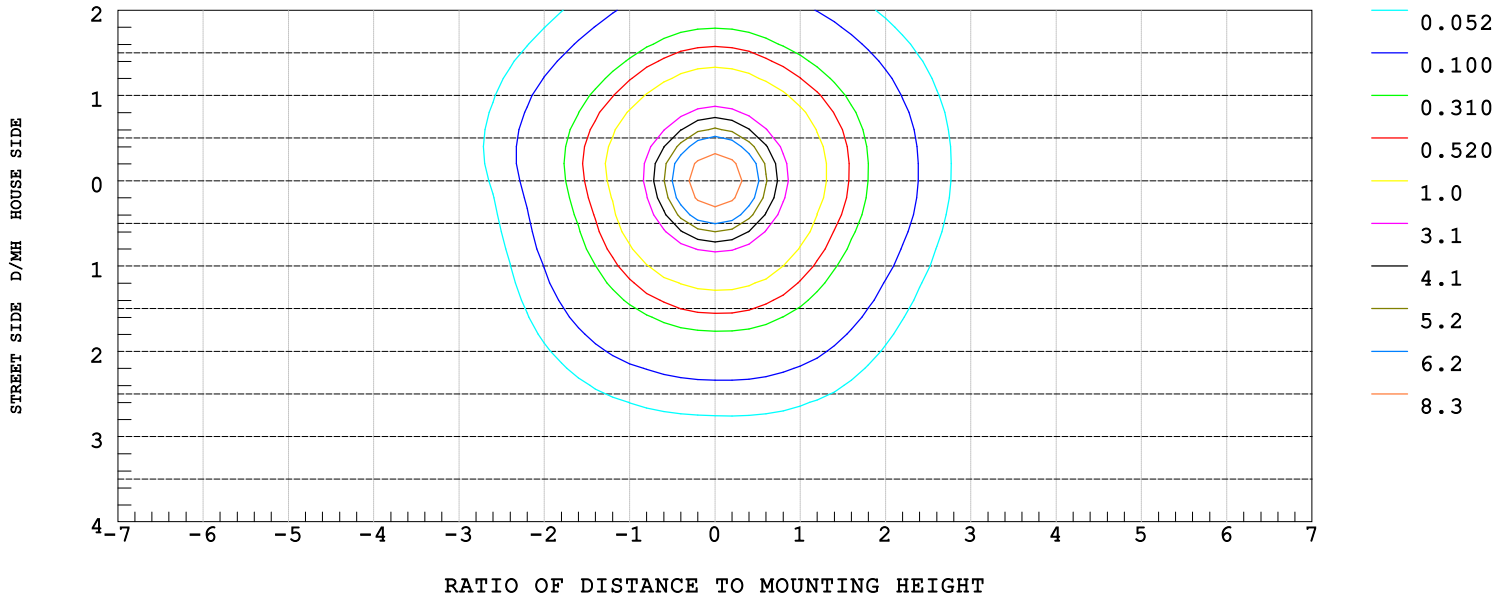
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

### ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 10.32 lx



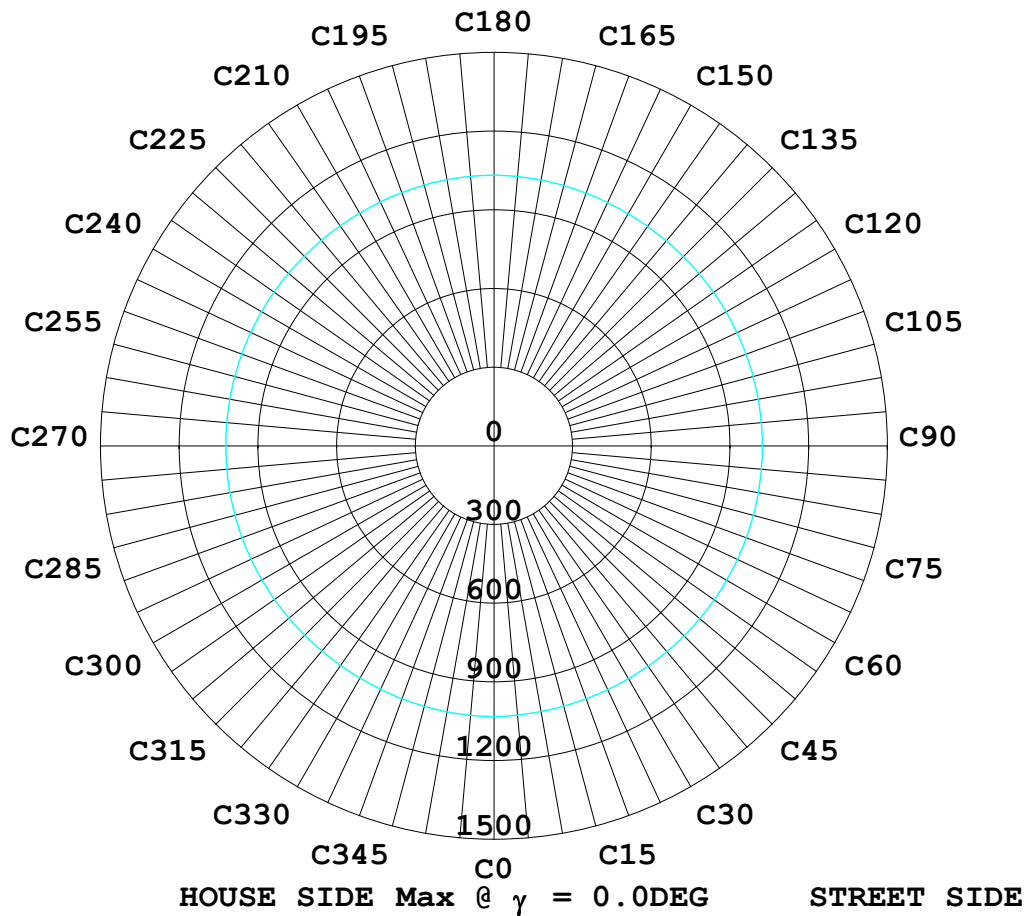
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1006-1-2-3-2	TYPE: .5w 4k CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*75	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-20-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000k

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Report number:

<b>MANUFACTURER: DIVINITY LIGHTS</b>		
<b>Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005</b>		
<b>NAME: 1006-1-2-3-2</b>	<b>TYPE: .5w 4k CRI90</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1200*50*75</b>	<b>SERIAL No.:</b>

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1032	1025	1024	1023	1022	1022	1032	1025	1024	1023	1022	1022
5.0	1017	1011	1017	1016	1017	1015	1028	1023	1020	1020	1017	1018
10.0	990	994	1000	998	1001	997	1006	1010	1005	1006	1000	1002
15.0	978	960	973	971	976	970	986	986	979	981	973	976
20.0	925	922	936	934	941	931	951	953	945	949	937	940
25.0	889	875	890	888	896	884	898	910	900	907	890	895
30.0	830	816	834	833	842	828	851	858	841	858	836	840
35.0	758	741	766	765	776	760	792	798	786	801	773	777
40.0	680	656	685	676	698	680	715	726	710	732	699	703
45.0	552	543	580	564	600	576	616	638	626	646	612	610
50.0	438	423	464	456	487	448	490	526	515	528	495	501
55.0	342	316	360	372	377	337	381	417	378	394	375	391
60.0	252	231	266	262	278	250	282	307	267	278	257	276
65.0	171	164	194	184	203	179	206	209	183	206	177	193
70.0	110	110	142	130	148	122	132	142	125	152	122	128
75.0	67.8	67.5	100	95.1	105	76.8	78.7	95.2	89.4	112	86.5	84.2
80.0	36.6	33.2	64.7	65.2	69.3	38.5	44.8	57.1	61.0	67.5	56.3	49.8
85.0	11.3	5.14	25.7	29.0	30.0	8.12	16.8	25.9	25.7	36.6	21.1	21.2
90.0	7.40	3.51	7.85	3.51	7.76	3.24	7.49	8.48	4.15	10.9	3.97	7.76

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
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Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
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