

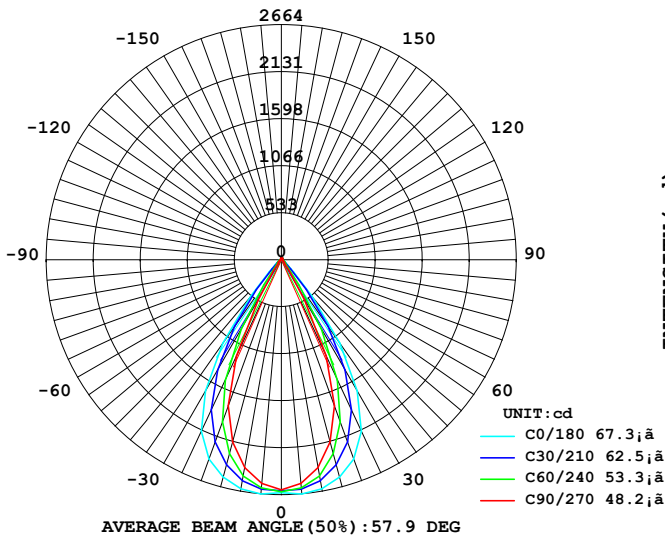
### LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

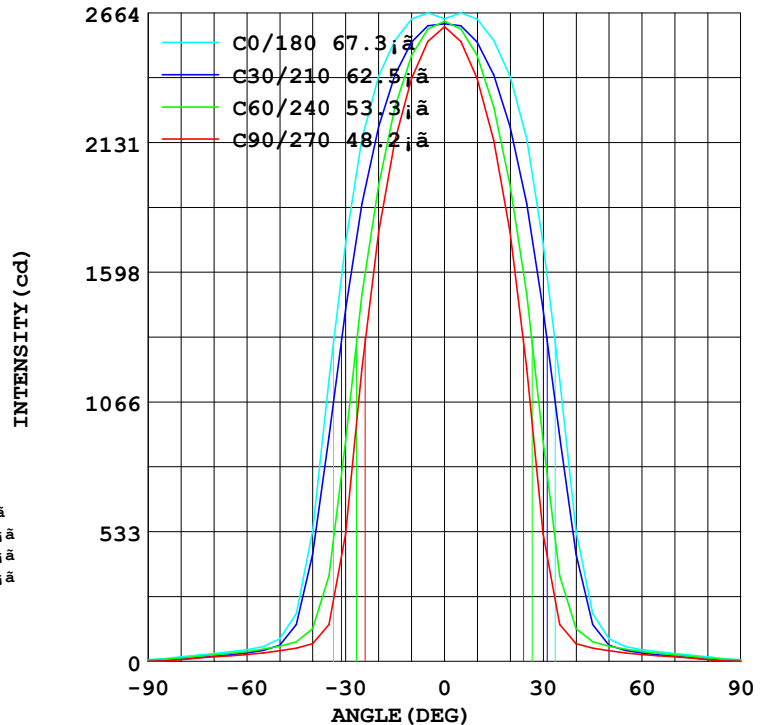
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

DATA OF LAMP		Imax (cd)	2664	S/MH (C0/180)	0.98
MODEL	1011-1-2-5-2-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER (W)	16	TOTAL FLUX (lm)	2346.7	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	147.8	Current (A)	0.090
NOMINAL FLUX (lm)	2346.8	$\eta$ up (%)	2.4	Power (W)	15.88
LAMPS QUANTITY	1	$\eta$ down (%)	97.6	Power Factor (PF)	0.981
TEST VOLTAGE (V)	219.1	Effictive Flux (lm)	2100.8	E EI	0.103

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**Color Temperature Data List**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

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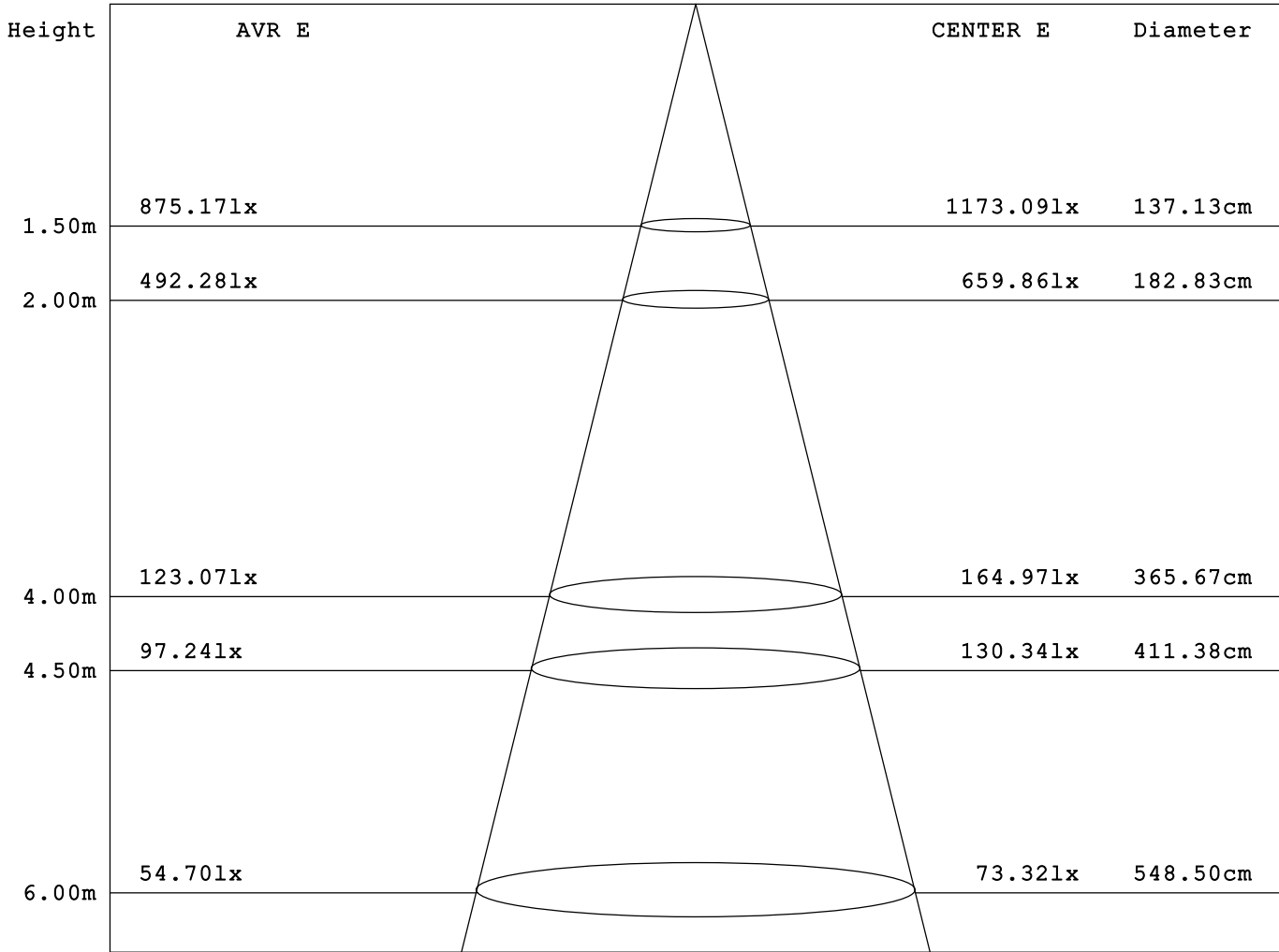
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 57K

**AVERAGE AND CENTER E Figure**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Angle:49.1deg

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2638	2517	2393	2517	2638	2517	2393	2517	0- 10	245.6	245.6
20.0	2403	2075	1762	2075	2403	2075	1762	2075	10- 20	652.6	898.2
30.0	1718	1176	525.2	1176	1718	1176	525.2	1176	20- 30	755.0	1653
40.0	536.4	287.6	72.38	287.6	536.4	287.6	72.38	287.6	30- 40	421.5	2075
50.0	92.14	64.52	43.68	64.52	92.14	64.52	43.68	64.52	40- 50	113.6	2189
60.0	47.56	37.40	28.06	37.40	47.56	37.40	28.06	37.40	50- 60	44.35	2233
70.0	32.39	24.23	18.50	24.23	32.39	24.23	18.50	24.23	60- 70	30.57	2263
80.0	18.86	11.59	7.490	11.59	18.86	11.59	7.490	11.59	70- 80	19.44	2283
90.0	7.490	3.745	1.173	3.745	7.490	3.745	1.173	3.745	80- 90	7.885	2291
100.0	6.678	3.655	1.444	3.655	6.678	3.655	1.444	3.655	90-100	4.176	2295
110.0	7.129	4.602	2.436	4.602	7.129	4.602	2.436	4.602	100-110	4.421	2299
120.0	8.844	6.498	4.693	6.498	8.844	6.498	4.693	6.498	110-120	5.492	2305
130.0	11.37	9.476	8.122	9.476	11.37	9.476	8.122	9.476	120-130	7.158	2312
140.0	14.44	12.99	12.45	12.99	14.44	12.99	12.45	12.99	130-140	8.758	2321
150.0	17.50	16.65	16.51	16.65	17.50	16.65	16.51	16.65	140-150	9.368	2330
160.0	20.39	19.76	19.67	19.76	20.39	19.76	19.67	19.76	150-160	8.451	2339
170.0	23.37	22.38	21.84	22.38	23.37	22.38	21.84	22.38	160-170	5.985	2345
180.0	25.17	23.73	23.01	23.73	25.17	23.73	23.01	23.73	170-180	2.203	2347
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

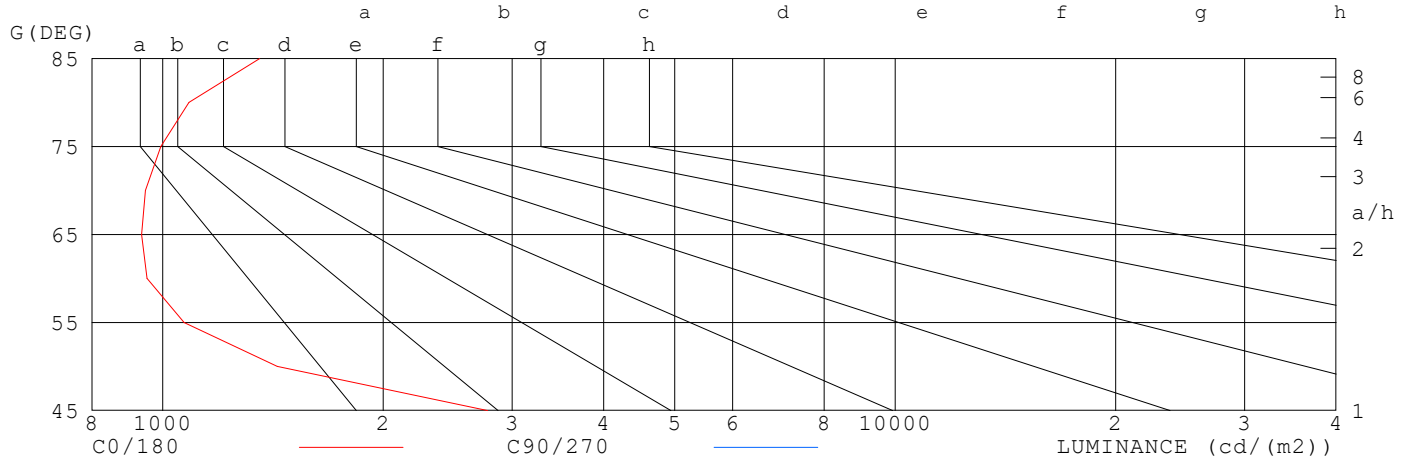
**LUMINANCE LIMITATION CURVES**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAOORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

**LUMINANCE LIMITATION CURVES**

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	1357	300
80	1086	431
75	994	516
70	947	541
65	935	549
60	951	561
55	1070	611
50	1434	680
45	2775	773

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

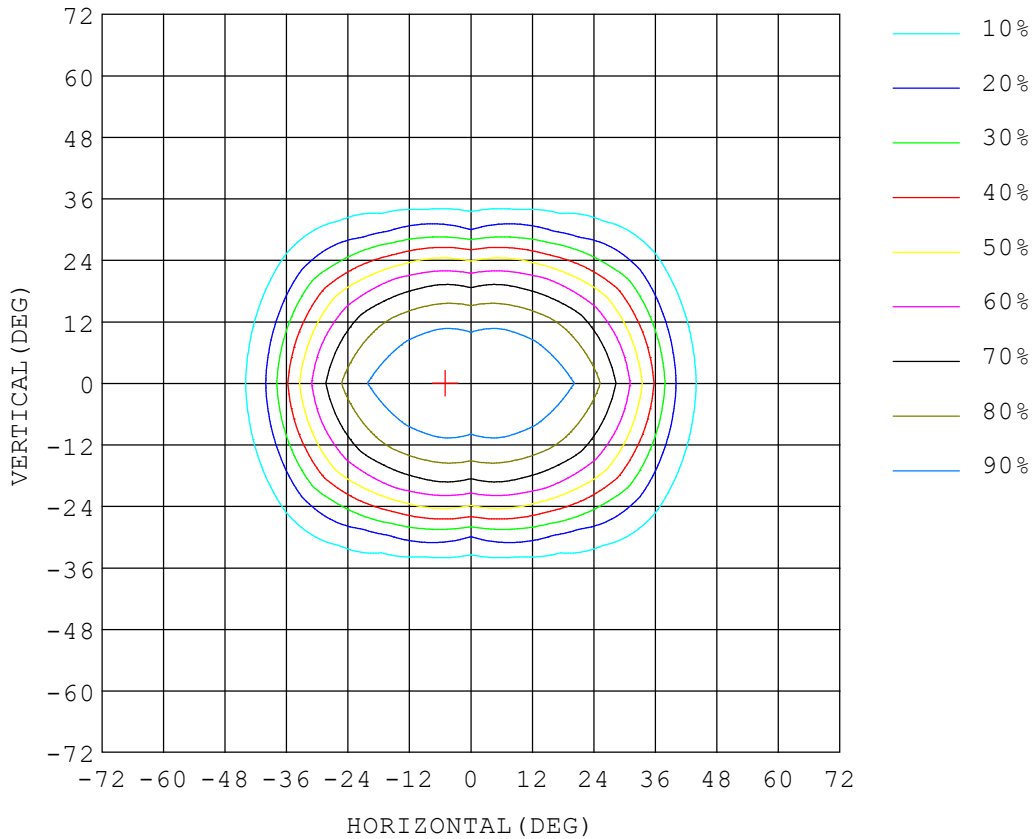
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

UNIT: cd



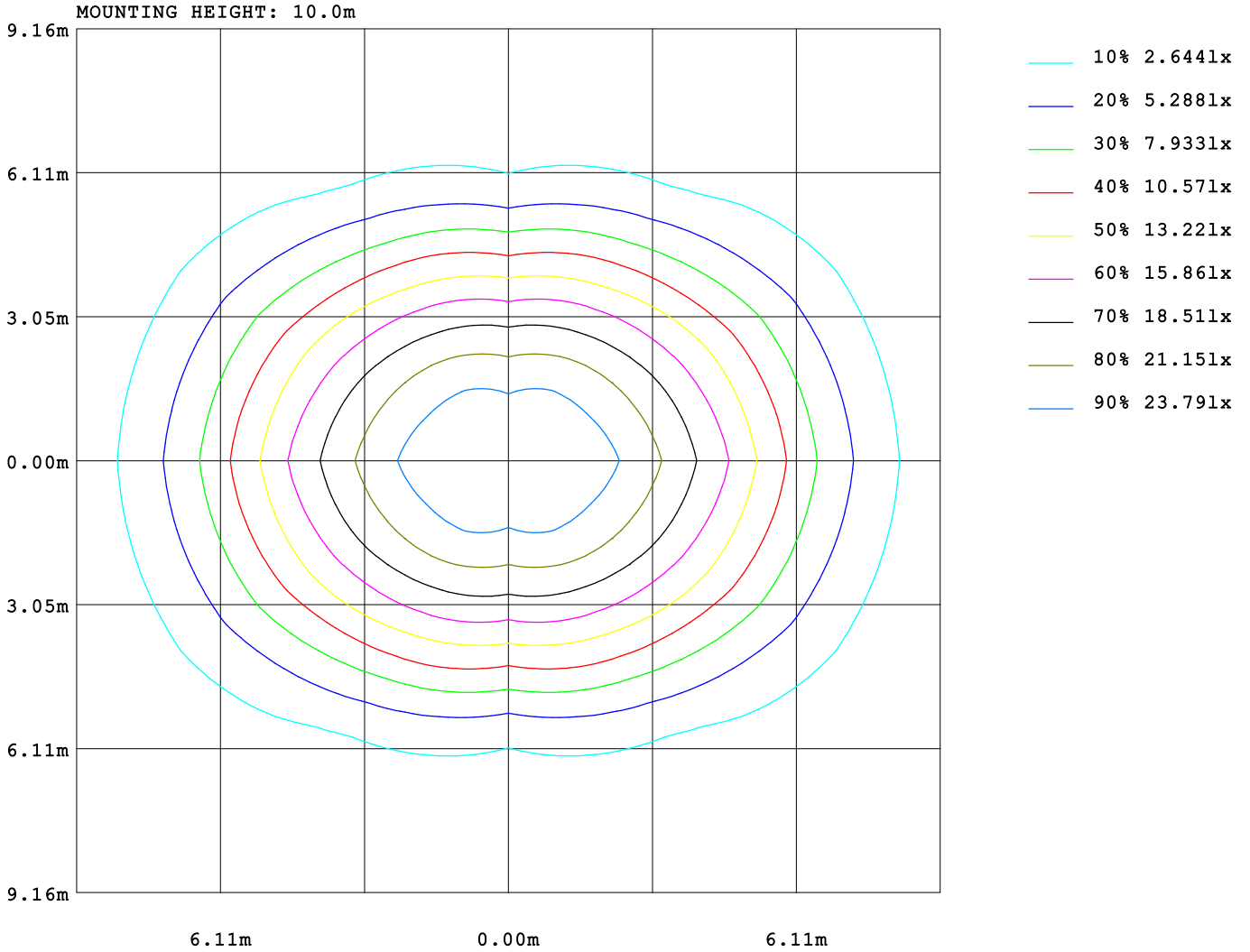
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**ISOLUX DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

### AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAOORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.07	0.10	0.17	0.26	0.36	0.44	0.46	0.45	0.42	0.42	0.45	0.46	0.44	0.36	0.26	0.17	0.10	0.07	5.48	0.00		
72	0.07	0.10	0.17	0.26	0.36	0.44	0.46	0.45	0.42	0.42	0.45	0.46	0.44	0.36	0.26	0.17	0.10	0.07	5.48	0.00		
64	0.10	0.15	0.23	0.35	0.47	0.60	0.64	0.63	0.59	0.59	0.63	0.64	0.60	0.47	0.35	0.23	0.15	0.10	7.53	0.00		
56	0.13	0.20	0.29	0.43	0.60	0.78	0.89	0.89	0.84	0.84	0.89	0.89	0.78	0.60	0.43	0.29	0.20	0.13	10.1	0.00		
48	0.15	0.25	0.36	0.53	0.79	1.09	1.29	1.37	1.26	1.26	1.37	1.29	1.09	0.79	0.53	0.36	0.25	0.15	14.2	0.00		
40	0.18	0.30	0.44	0.69	1.27	2.36	3.12	3.82	3.83	3.83	3.82	3.12	2.36	1.27	0.69	0.44	0.30	0.18	32.0	7.54		
32	0.20	0.34	0.55	1.05	3.09	7.35	11.6	15.5	16.8	16.8	15.5	11.6	7.35	3.09	1.05	0.55	0.34	0.20	113	104		
24	0.22	0.39	0.69	1.80	7.12	16.8	25.6	31.8	34.2	34.2	31.8	25.6	16.8	7.12	1.80	0.69	0.39	0.22	238	231		
	0.24	0.43	0.83	2.95	11.7	25.3	36.1	42.4	44.9	44.9	42.4	36.1	25.3	11.7	2.95	0.83	0.43	0.24	330	324		
	0.25	0.47	0.97	3.88	15.2	30.7	41.8	47.8	50.0	50.0	47.8	41.8	30.7	15.2	3.88	0.97	0.47	0.25	383	377		
	0.25	0.47	0.97	3.88	15.2	30.7	41.8	47.8	50.0	50.0	47.8	41.8	30.7	15.2	3.88	0.97	0.47	0.25	383	377		
	0.24	0.43	0.83	2.95	11.7	25.3	36.1	42.4	44.9	44.9	42.4	36.1	25.3	11.7	2.95	0.83	0.43	0.24	330	324		
-24	0.22	0.39	0.69	1.80	7.12	16.8	25.6	31.8	34.2	34.2	31.8	25.6	16.8	7.12	1.80	0.69	0.39	0.22	238	231		
-32	0.20	0.34	0.55	1.05	3.09	7.35	11.6	15.5	16.8	16.8	15.5	11.6	7.35	3.09	1.05	0.55	0.34	0.20	113	104		
-40	0.18	0.30	0.44	0.69	1.27	2.36	3.12	3.82	3.83	3.83	3.82	3.12	2.36	1.27	0.69	0.44	0.30	0.18	32.0	7.54		
-48	0.15	0.25	0.36	0.53	0.79	1.09	1.29	1.37	1.26	1.26	1.37	1.29	1.09	0.79	0.53	0.36	0.25	0.15	14.2	0.00		
-56	0.13	0.20	0.29	0.43	0.60	0.78	0.89	0.89	0.84	0.84	0.89	0.89	0.78	0.60	0.43	0.29	0.20	0.13	10.1	0.00		
-64	0.10	0.15	0.23	0.35	0.47	0.60	0.64	0.63	0.59	0.59	0.63	0.64	0.60	0.47	0.35	0.23	0.15	0.10	7.53	0.00		
-72	0.07	0.10	0.17	0.26	0.36	0.44	0.46	0.45	0.42	0.42	0.45	0.46	0.44	0.36	0.26	0.17	0.10	0.07	5.48	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	3.09	5.26	9.08	23.9	81.4	171	243	290	306	306	290	243	171	81.4	23.9	9.08	5.26	3.09	2347			
Φ a	0.00	0.00	0.00	8.00	69.7	159	232	279	296	296	279	232	159	69.7	8.00	0.00	0.00	0.00		2101		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

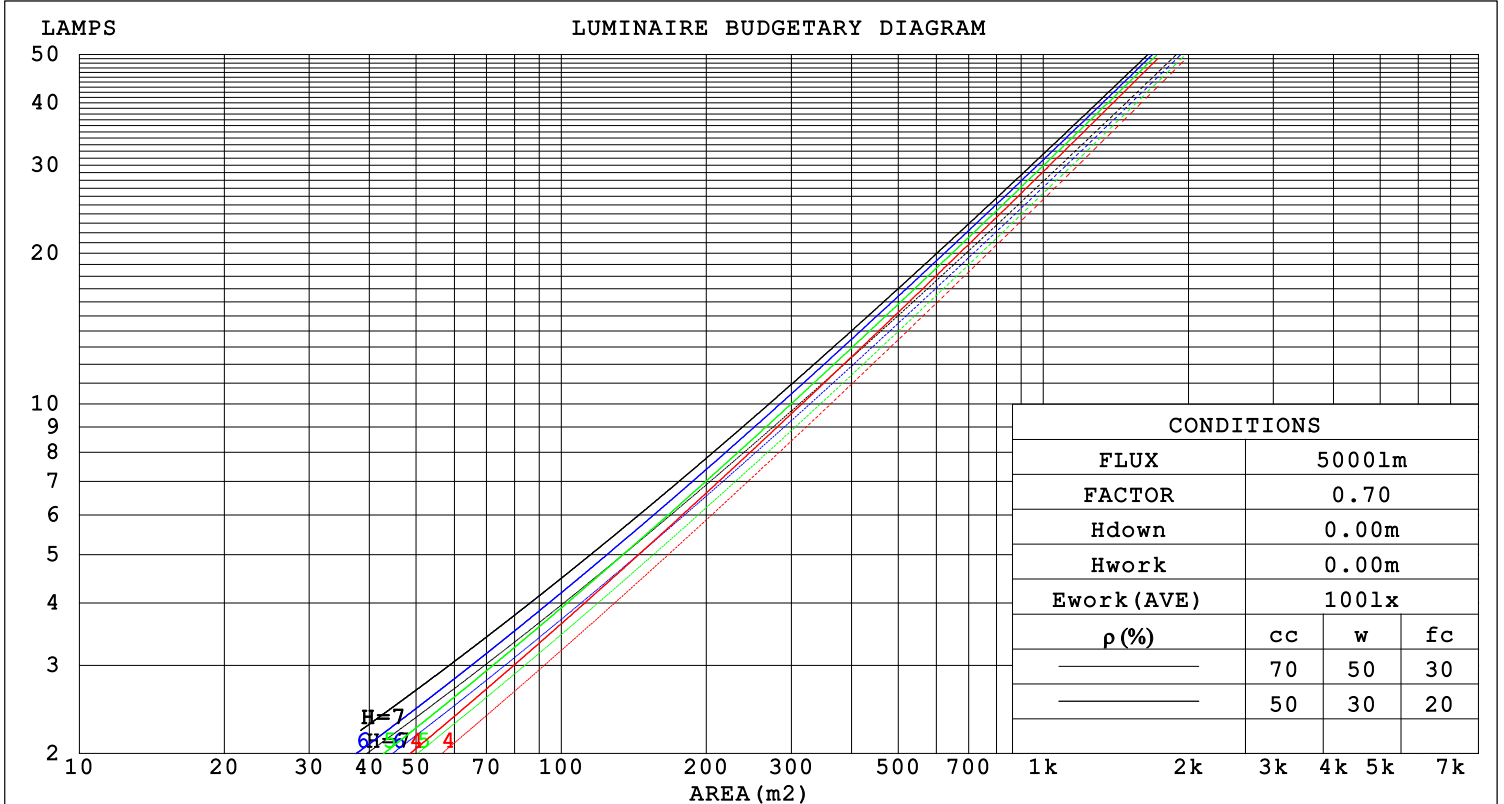


### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.02	.97	.94	.90	.96	.93	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.95	.89	.85	.93	.88	.84	.90	.86	.83	.87	.84	.81	.85	.82	.80	.78
4.0	.88	.83	.78	.87	.82	.78	.84	.80	.76	.82	.78	.75	.80	.77	.74	.73
5.0	.83	.77	.72	.81	.76	.72	.79	.75	.71	.77	.73	.70	.76	.72	.69	.68
6.0	.77	.71	.67	.77	.71	.67	.75	.70	.66	.73	.69	.65	.72	.68	.65	.63
7.0	.73	.67	.62	.72	.66	.62	.71	.65	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.69	.63	.58	.68	.62	.58	.67	.62	.58	.65	.61	.58	.64	.60	.57	.56
9.0	.65	.59	.55	.64	.59	.55	.63	.58	.54	.62	.57	.54	.61	.57	.54	.52
10.0	.61	.56	.52	.61	.55	.52	.60	.55	.51	.59	.54	.51	.58	.54	.51	.49



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**WEC AND CCEC**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	.189	.107	.034	.181	.103	.033	.167	.096	.031	.154	.089	.029	.142	.083	.027	
2.0	.179	.098	.030	.172	.095	.029	.160	.089	.028	.149	.084	.026	.139	.079	.025	
3.0	.169	.090	.027	.163	.088	.026	.153	.083	.025	.144	.079	.024	.135	.075	.023	
4.0	.160	.083	.024	.155	.081	.024	.146	.078	.023	.138	.074	.022	.130	.071	.022	
5.0	.152	.077	.022	.147	.076	.022	.140	.073	.021	.132	.070	.021	.125	.067	.020	
6.0	.144	.072	.021	.140	.071	.020	.133	.068	.020	.127	.066	.019	.121	.064	.019	
7.0	.137	.068	.019	.134	.067	.019	.128	.065	.019	.122	.062	.018	.116	.060	.018	
8.0	.131	.064	.018	.128	.063	.018	.122	.061	.017	.117	.059	.017	.112	.058	.017	
9.0	.125	.061	.017	.123	.060	.017	.118	.058	.016	.113	.057	.016	.108	.055	.016	
10.0	.120	.058	.016	.118	.057	.016	.113	.055	.016	.109	.054	.015	.104	.053	.015	

$\rho_{cc}$	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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.176	.162	.163	.151	.140	.111	.104	.097	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.130	.150	.130	.113	.103	.090	.078	.059	.052	.046	.019	.017	.015	
3.0	.164	.132	.107	.140	.114	.093	.096	.079	.065	.056	.046	.038	.018	.015	.013	
4.0	.153	.118	.090	.132	.102	.078	.091	.071	.055	.052	.041	.033	.017	.014	.011	
5.0	.145	.106	.078	.124	.092	.067	.086	.064	.048	.050	.038	.028	.016	.012	.009	
6.0	.137	.097	.068	.118	.084	.059	.082	.059	.042	.047	.035	.025	.015	.011	.008	
7.0	.131	.089	.060	.113	.078	.053	.078	.054	.037	.045	.032	.022	.015	.010	.007	
8.0	.125	.083	.055	.108	.072	.048	.075	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.078	.050	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	
10.0	.116	.074	.046	.100	.064	.040	.069	.045	.029	.040	.027	.017	.013	.009	.006	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**Uncorrected UGR Table**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	12.5	13.5	12.8	13.7	13.9	5.7	6.6	5.9	6.8	7.1
	3H	12.6	13.5	12.9	13.8	14.0	6.6	7.4	6.9	7.7	7.9
	4H	12.7	13.6	13.1	13.8	14.1	7.0	7.8	7.3	8.1	8.3
	6H	12.9	13.6	13.2	13.9	14.2	7.2	8.0	7.5	8.3	8.6
	8H	12.9	13.7	13.3	14.0	14.3	7.2	8.0	7.6	8.3	8.6
	12H	13.0	13.7	13.3	14.0	14.3	7.2	7.9	7.6	8.2	8.6
4H	2H	12.4	13.2	12.7	13.5	13.7	6.1	6.9	6.4	7.2	7.4
	3H	12.5	13.2	12.9	13.5	13.9	7.3	8.0	7.7	8.3	8.7
	4H	12.7	13.3	13.1	13.7	14.0	7.9	8.6	8.3	8.9	9.3
	6H	12.9	13.4	13.3	13.8	14.2	8.3	8.9	8.7	9.3	9.7
	8H	13.0	13.5	13.4	13.9	14.3	8.4	8.9	8.8	9.3	9.7
	12H	13.1	13.6	13.5	14.0	14.4	8.4	8.9	8.8	9.3	9.7
8H	4H	12.6	13.2	13.1	13.5	14.0	8.2	8.7	8.6	9.1	9.5
	6H	12.9	13.3	13.3	13.7	14.2	8.8	9.2	9.2	9.6	10.1
	8H	13.0	13.3	13.5	13.8	14.3	8.9	9.3	9.4	9.8	10.3
	12H	13.1	13.5	13.6	13.9	14.5	9.1	9.4	9.6	9.9	10.4
12H	4H	12.6	13.1	13.0	13.5	13.9	8.2	8.6	8.6	9.1	9.5
	6H	12.8	13.2	13.3	13.7	14.2	8.8	9.2	9.3	9.6	10.1
	8H	12.9	13.3	13.5	13.8	14.3	9.0	9.4	9.5	9.8	10.4

Variations with the observer position at spacings:		
S = 1.0H	+ 2.8 / - 3.0	+ 0.5 / - 0.5
1.5H	+ 5.0 / - 3.2	+ 0.5 / - 0.7
2.0H	+ 3.5 / - 1.0	+ 0.4 / - 0.9

CIE Pub.117 Corrected 2347 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.0)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**UTILIZATION FACTORS TABLE**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	84	78	74	84	77	74	83	77	73	70
0.80	92	86	82	91	85	81	90	84	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	91	100	94	91	97	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	91
3.00	110	107	103	108	105	102	104	102	100	93
4.00	112	109	107	110	108	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

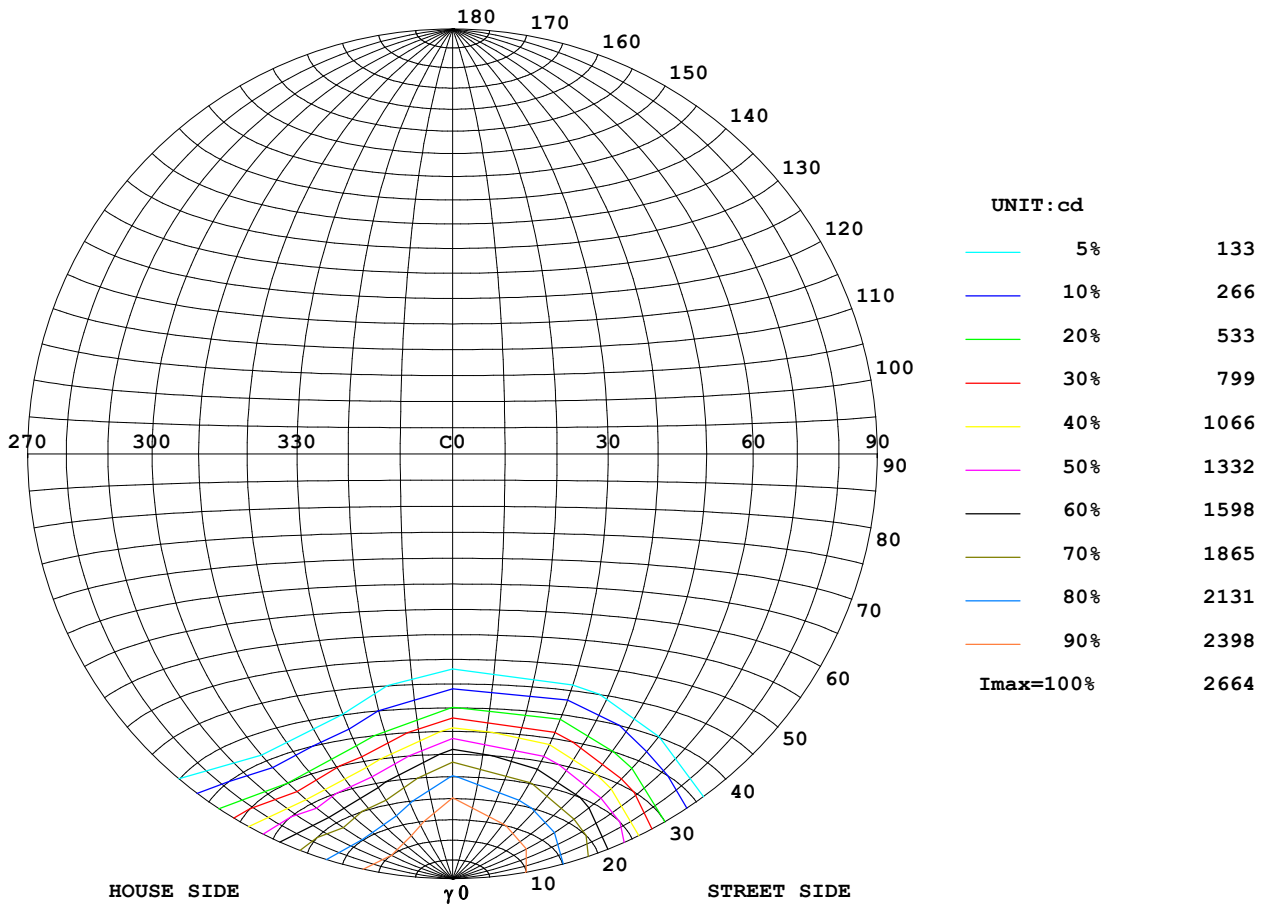
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

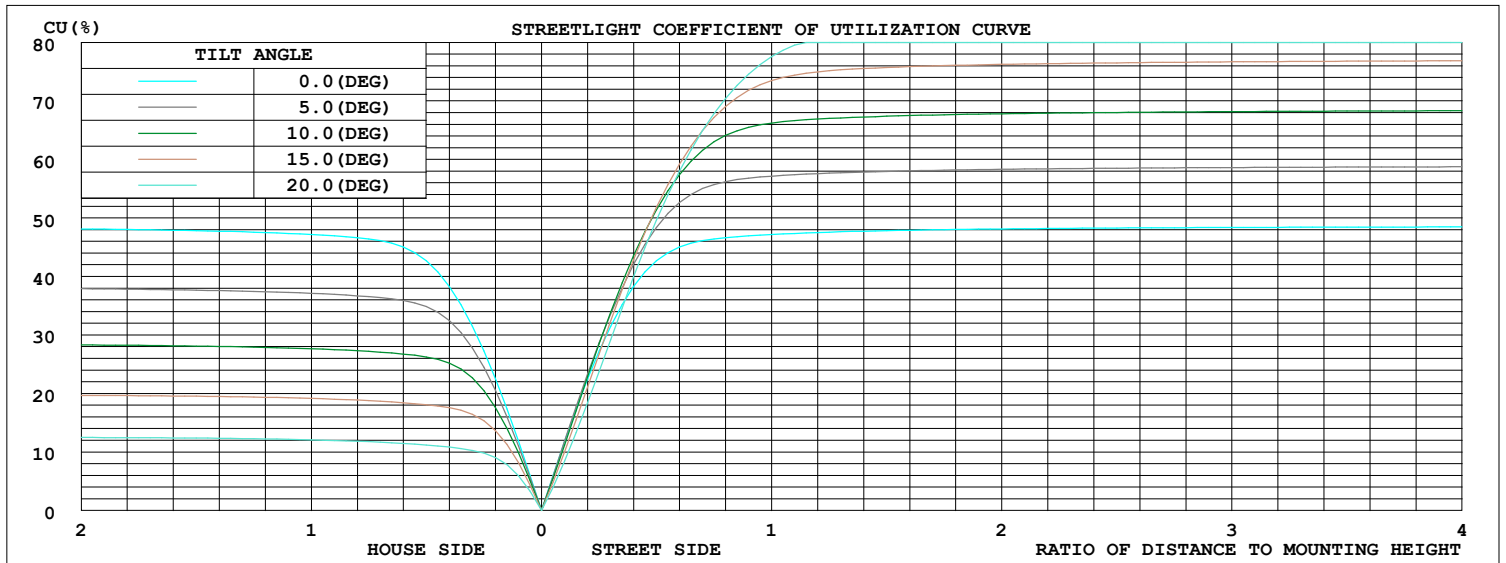
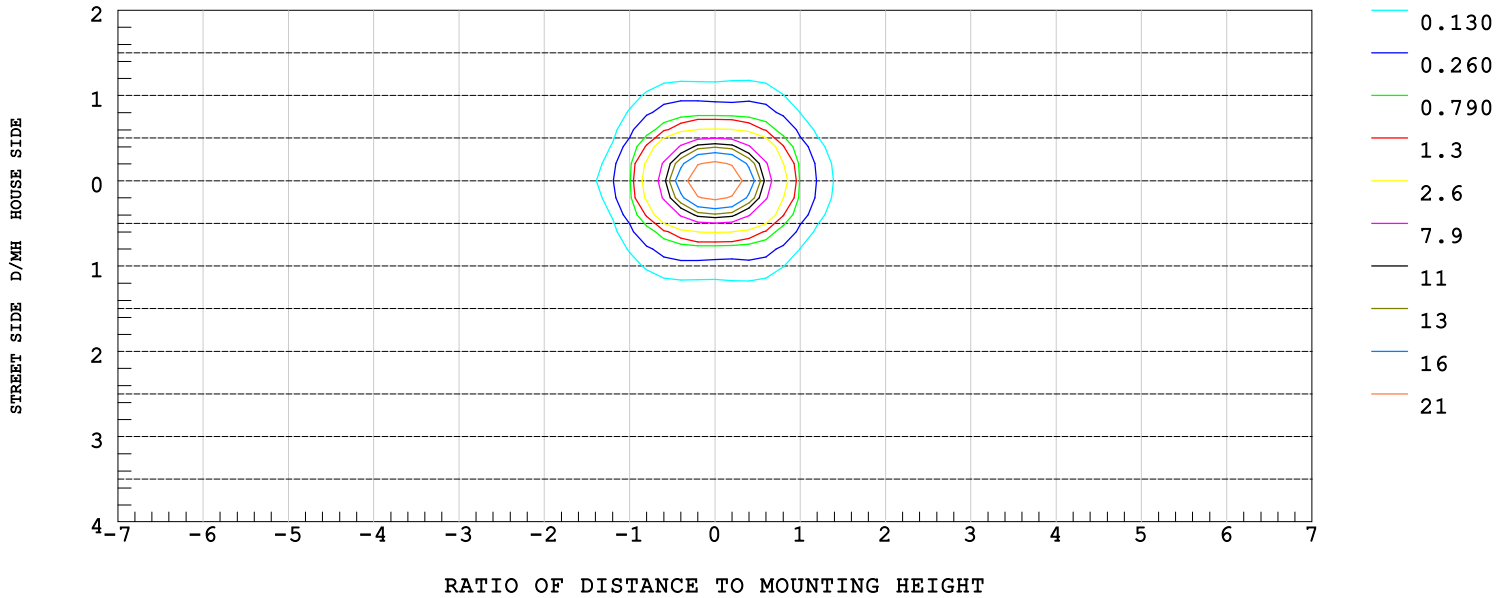
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

### ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 26.39 lx



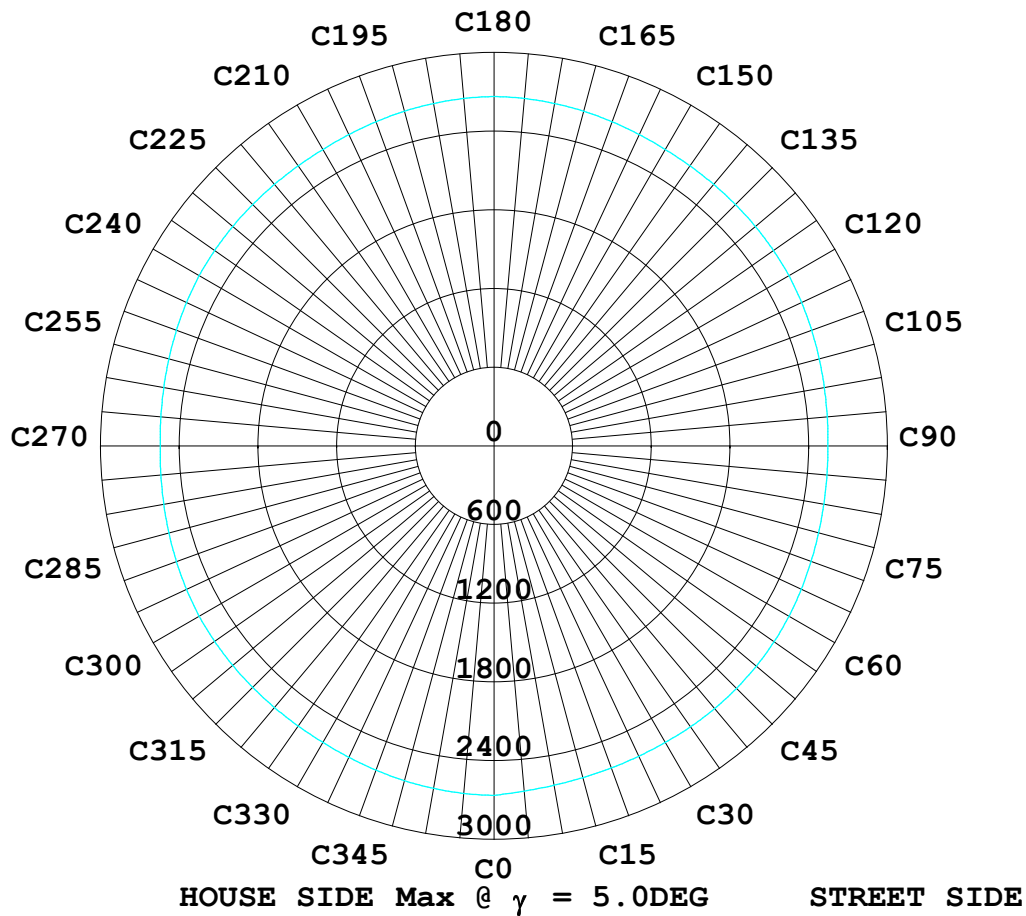
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SACORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 57K

### LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAORPUR NANGLA IND.AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-5-2-2	TYPE: .5w 57k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2639	2618	2630	2607	2630	2618	2639	2618	2630	2607	2630	2618
5.0	2664	2610	2597	2546	2597	2610	2664	2610	2597	2546	2597	2610
10.0	2638	2544	2489	2393	2489	2544	2638	2544	2489	2393	2489	2544
15.0	2550	2409	2277	2139	2277	2409	2550	2409	2277	2139	2277	2409
20.0	2403	2195	1955	1762	1955	2195	2403	2195	1955	1762	1955	2195
25.0	2147	1880	1508	1203	1508	1880	2147	1880	1508	1203	1508	1880
30.0	1718	1446	907	525	907	1446	1718	1446	907	525	907	1446
35.0	1157	923	352	152	352	923	1157	923	352	152	352	923
40.0	536	441	134	72.3	134	441	536	441	134	72.3	134	441
45.0	196	151	80.2	54.6	80.2	151	196	151	80.2	54.6	80.2	151
50.0	92.1	66.7	62.2	43.6	62.2	66.7	92.1	66.7	62.2	43.6	62.2	66.7
55.0	61.3	44.9	49.9	35.0	49.9	44.9	61.3	44.9	49.9	35.0	49.9	44.9
60.0	47.5	34.2	40.6	28.0	40.6	34.2	47.5	34.2	40.6	28.0	40.6	34.2
65.0	39.5	26.9	33.5	23.1	33.5	26.9	39.5	26.9	33.5	23.1	33.5	26.9
70.0	32.3	21.2	27.1	18.5	27.1	21.2	32.3	21.2	27.1	18.5	27.1	21.2
75.0	25.7	14.9	20.8	13.3	20.8	14.9	25.7	14.9	20.8	13.3	20.8	14.9
80.0	18.8	8.84	14.3	7.49	14.3	8.84	18.8	8.84	14.3	7.49	14.3	8.84
85.0	11.8	3.61	8.48	2.61	8.48	3.61	11.8	3.61	8.48	2.61	8.48	3.61
90.0	7.49	1.35	6.13	1.17	6.13	1.35	7.49	1.35	6.13	1.17	6.13	1.35
95.0	6.85	1.62	5.68	1.26	5.68	1.62	6.85	1.62	5.68	1.26	5.68	1.62
100.0	6.67	1.89	5.41	1.44	5.41	1.89	6.67	1.89	5.41	1.44	5.41	1.89
105.0	6.85	2.52	5.50	1.89	5.50	2.52	6.85	2.52	5.50	1.89	5.50	2.52
110.0	7.12	3.42	5.77	2.43	5.77	3.42	7.12	3.42	5.77	2.43	5.77	3.42
115.0	7.85	4.33	6.40	3.42	6.40	4.33	7.85	4.33	6.40	3.42	6.40	4.33
120.0	8.84	5.68	7.31	4.69	7.31	5.68	8.84	5.68	7.31	4.69	7.31	5.68
125.0	9.92	7.12	8.48	6.40	8.48	7.12	9.92	7.12	8.48	6.40	8.48	7.12
130.0	11.3	8.84	10.1	8.12	10.1	8.84	11.3	8.84	10.1	8.12	10.1	8.84
135.0	12.9	10.6	11.8	10.1	11.8	10.6	12.9	10.6	11.8	10.1	11.8	10.6
140.0	14.4	12.4	13.5	12.4	13.5	12.4	14.4	12.4	13.5	12.4	13.5	12.4
145.0	16.0	14.2	15.4	14.4	15.4	14.2	16.0	14.2	15.4	14.4	15.4	14.2
150.0	17.5	16.0	17.2	16.5	17.2	16.0	17.5	16.0	17.2	16.5	17.2	16.0
155.0	18.9	17.6	18.7	18.2	18.7	17.6	18.9	17.6	18.7	18.2	18.7	17.6
160.0	20.3	19.2	20.3	19.6	20.3	19.2	20.3	19.2	20.3	19.6	20.3	19.2
165.0	21.9	20.7	21.6	20.9	21.6	20.7	21.9	20.7	21.6	20.9	21.6	20.7
170.0	23.3	22.1	22.6	21.8	22.6	22.1	23.3	22.1	22.6	21.8	22.6	22.1
175.0	24.5	23.1	23.3	22.6	23.3	23.1	24.5	23.1	23.3	22.6	23.3	23.1
180.0	25.1	23.8	23.6	23.0	23.6	23.8	25.1	23.8	23.6	23.0	23.6	23.8

Test System:HOPOO HPG1800  
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