

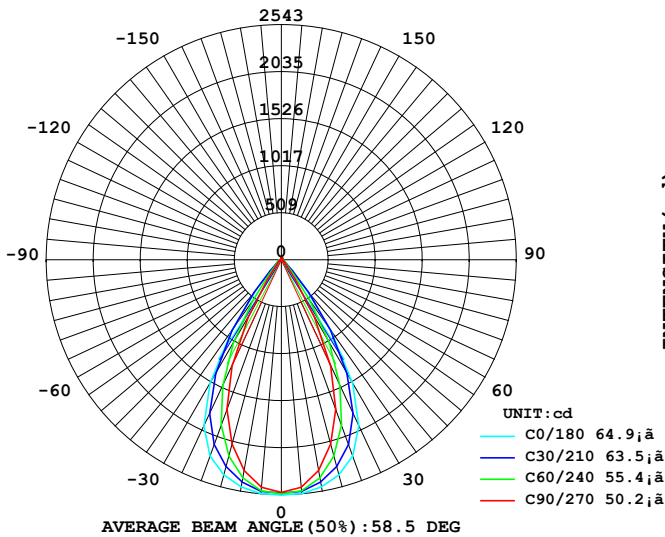
### LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

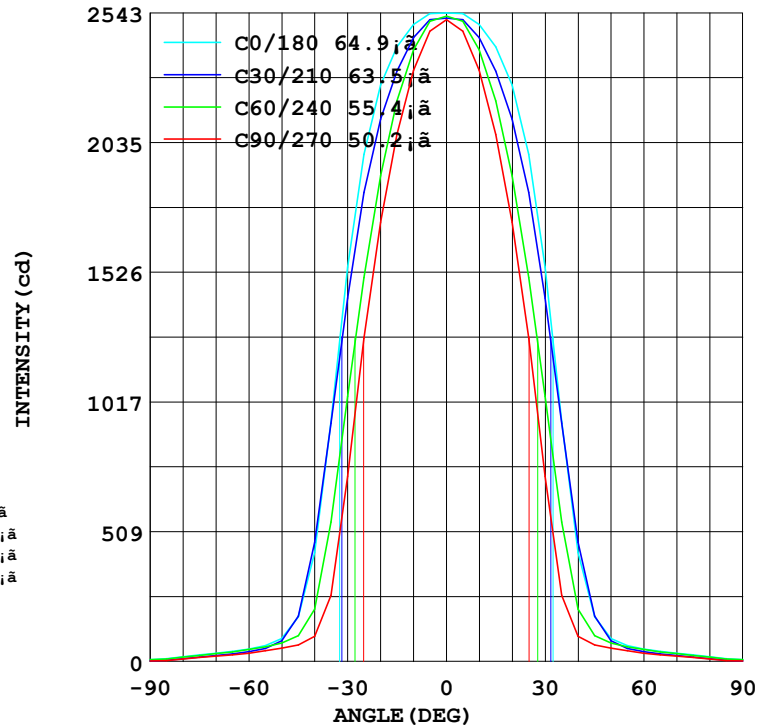
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

DATA OF LAMP		Imax (cd)	2543	S/MH (C0/180)	0.94
MODEL	1010-1-2-3-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.76
NOMINAL POWER (W)	16	TOTAL FLUX (lm)	2345.5	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	145.2	Current (A)	0.076
NOMINAL FLUX (lm)	2345.5	$\eta$ up (%)	2.2	Power (W)	16.15
LAMPS QUANTITY	1	$\eta$ down (%)	97.8	Power Factor (PF)	0.965
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	2105.1	EET	0.105

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 04-25-2023

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

**Color Temperature Data List**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

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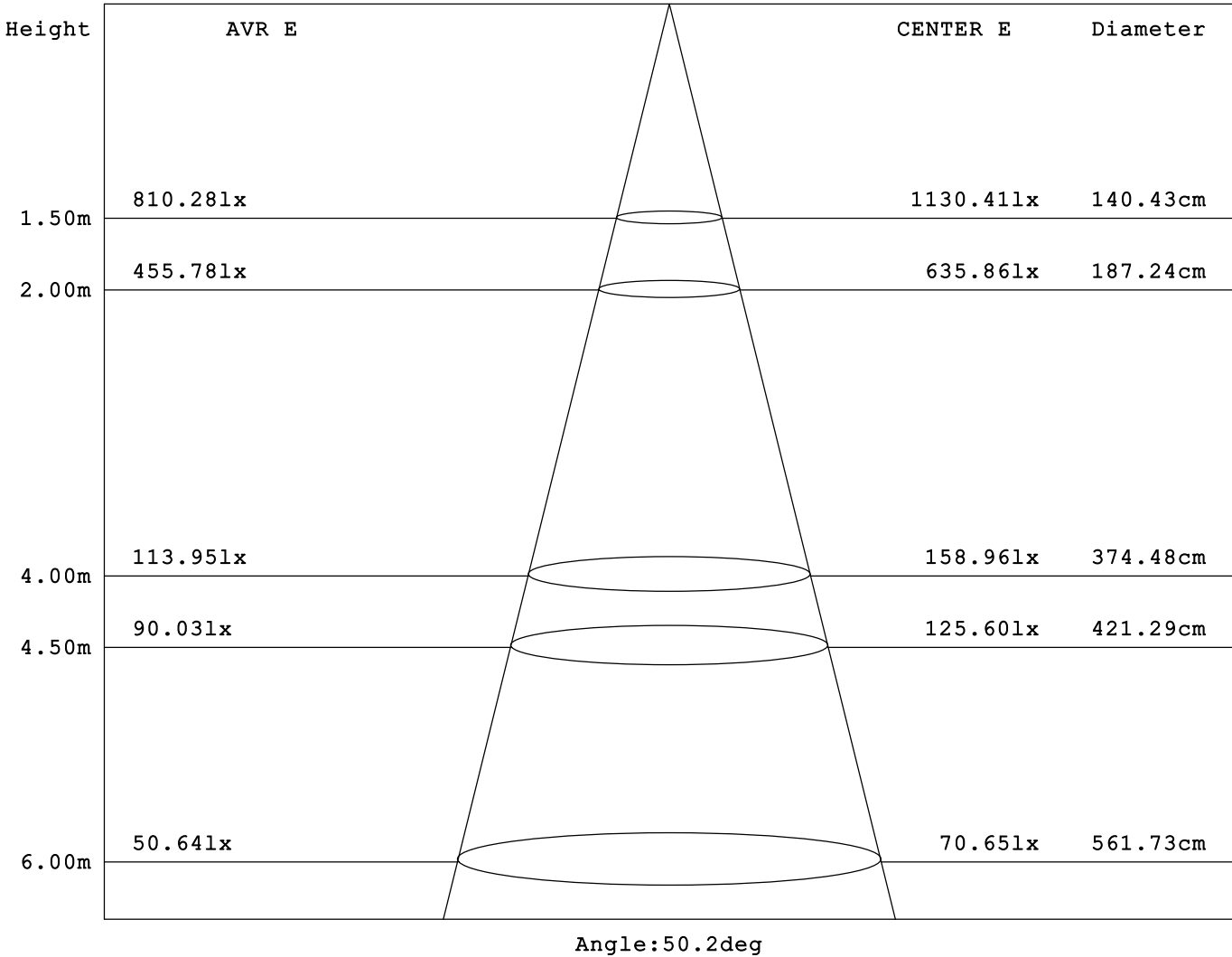
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:04-25-2023

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

**AVERAGE AND CENTER E Figure**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT N0-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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

### ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2498	2422	2319	2422	2498	2422	2319	2422	0- 10	236.5	236.5
20.0	2260	2015	1722	2015	2260	2015	1722	2015	10- 20	627.7	864.2
30.0	1546	1232	725.6	1232	1546	1232	725.6	1232	20- 30	745.8	1610
40.0	427.2	336.0	97.92	336.0	427.2	336.0	97.92	336.0	30- 40	446.5	2057
50.0	89.16	76.39	51.71	76.39	89.16	76.39	51.71	76.39	40- 50	124.1	2181
60.0	48.55	42.55	32.39	42.55	48.55	42.55	32.39	42.55	50- 60	49.84	2231
70.0	32.03	26.84	20.66	26.84	32.03	26.84	20.66	26.84	60- 70	33.52	2264
80.0	18.14	13.53	9.115	13.53	18.14	13.53	9.115	13.53	70- 80	21.34	2286
90.0	7.490	4.016	1.263	4.016	7.490	4.016	1.263	4.016	80- 90	8.716	2294
100.0	6.949	3.700	1.444	3.700	6.949	3.700	1.444	3.700	90-100	4.300	2299
110.0	7.220	4.286	2.075	4.286	7.220	4.286	2.075	4.286	100-110	4.342	2303
120.0	8.664	5.776	3.790	5.776	8.664	5.776	3.790	5.776	110-120	5.042	2308
130.0	10.83	8.302	6.678	8.302	10.83	8.302	6.678	8.302	120-130	6.385	2314
140.0	13.53	11.46	10.55	11.46	13.53	11.46	10.55	11.46	130-140	7.751	2322
150.0	16.24	14.80	14.62	14.80	16.24	14.80	14.62	14.80	140-150	8.355	2330
160.0	19.04	17.77	17.77	17.77	19.04	17.77	17.77	17.77	150-160	7.615	2338
170.0	21.75	20.44	19.94	20.44	21.75	20.44	19.94	20.44	160-170	5.455	2343
180.0	23.28	22.06	21.38	22.06	23.28	22.06	21.38	22.06	170-180	2.029	2346
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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

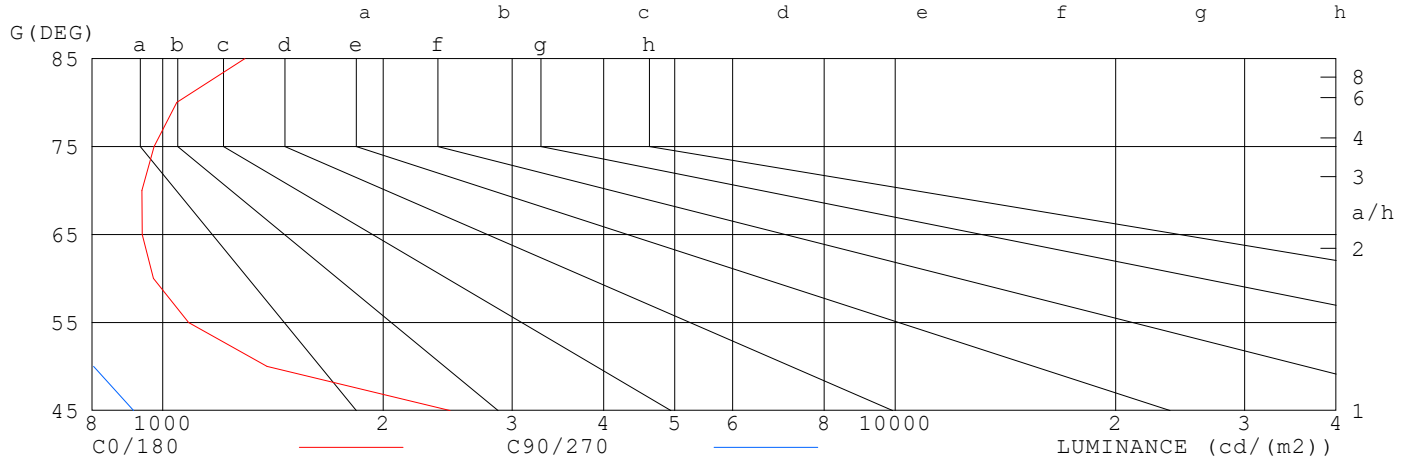
**LUMINANCE LIMITATION CURVES**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

**LUMINANCE LIMITATION CURVES**

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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	1294	373
80	1045	525
75	973	582
70	937	604
65	937	621
60	971	648
55	1084	727
50	1387	805
45	2467	913

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

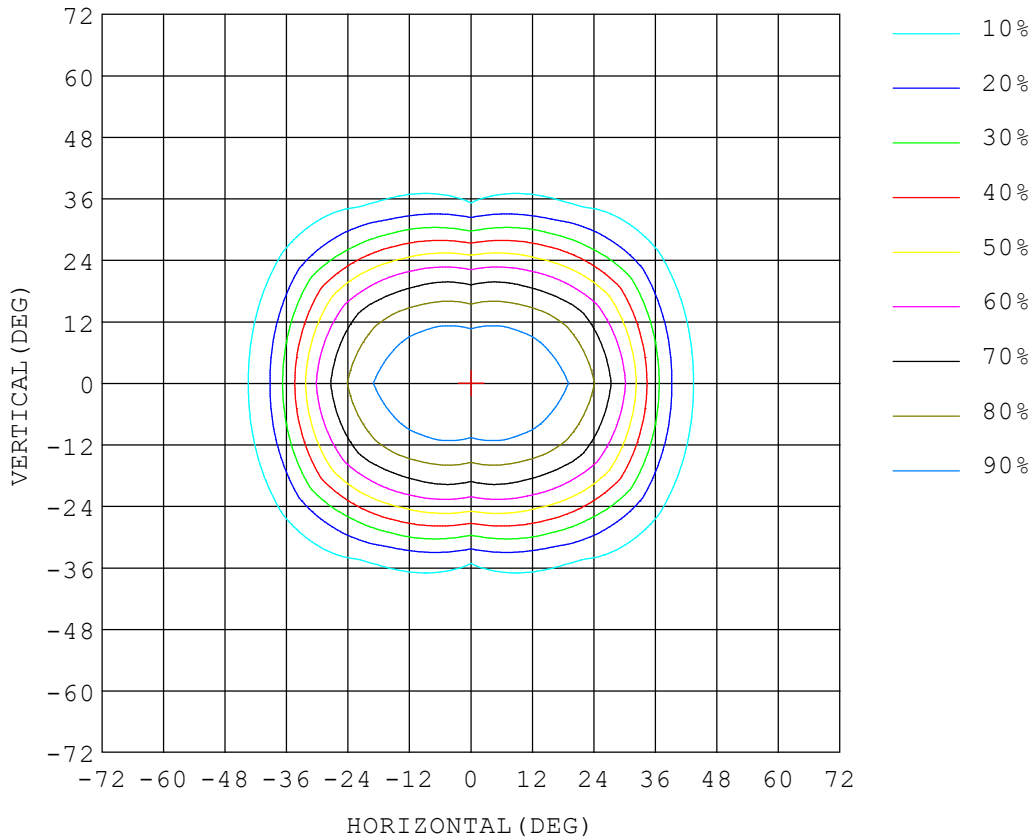
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

UNIT: cd



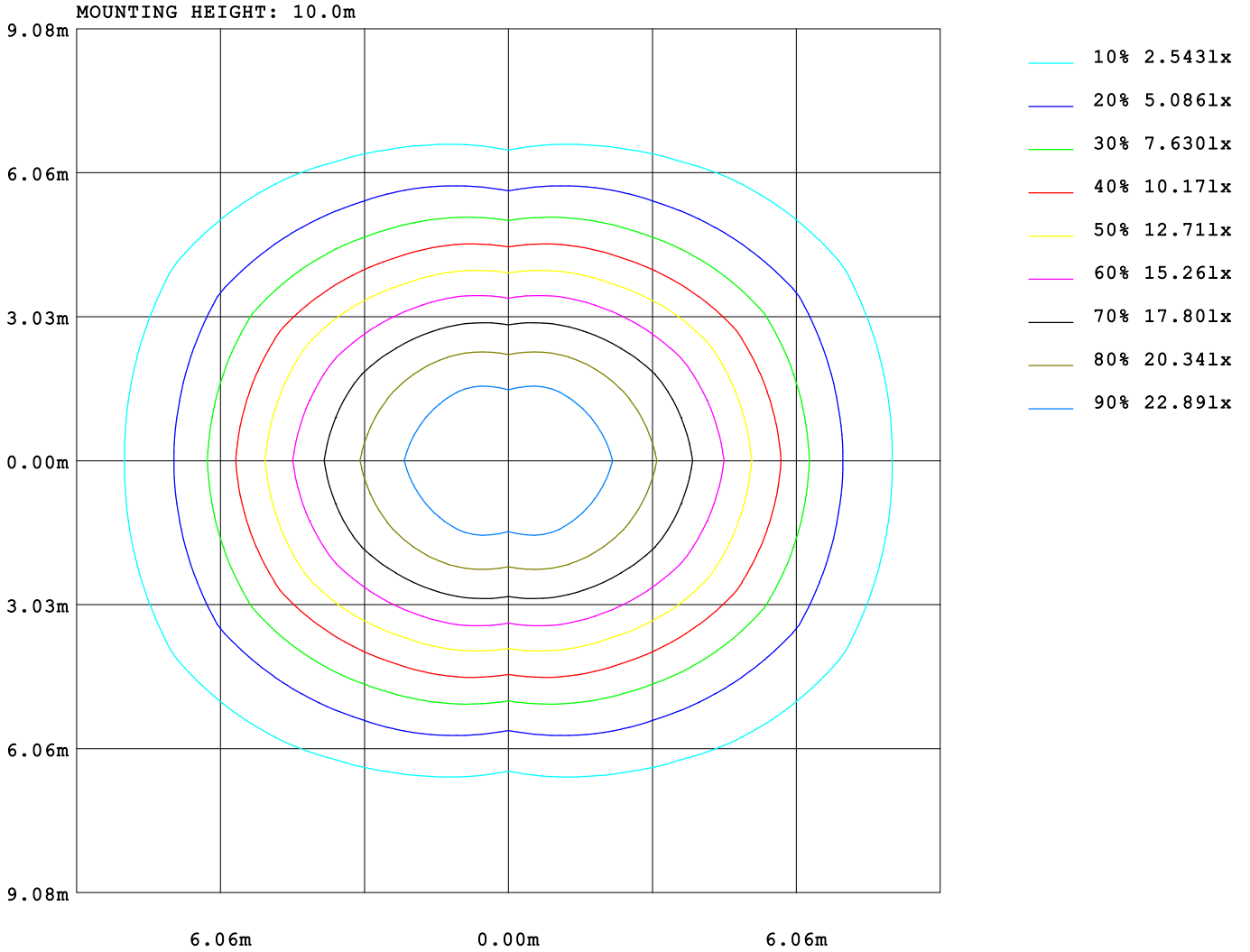
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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 FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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

**AREA LUMINOUS FLUX**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.08	0.12	0.19	0.29	0.40	0.50	0.52	0.51	0.47	0.47	0.51	0.52	0.50	0.40	0.29	0.19	0.12	0.08			
72	0.08	0.12	0.19	0.29	0.40	0.50	0.52	0.51	0.47	0.47	0.51	0.52	0.50	0.40	0.29	0.19	0.12	0.08	6.15	0.00	
64	0.10	0.17	0.26	0.39	0.53	0.67	0.73	0.73	0.68	0.68	0.73	0.73	0.67	0.53	0.39	0.26	0.17	0.10	8.51	0.00	
56	0.13	0.22	0.32	0.48	0.68	0.90	1.02	1.04	0.99	0.99	1.04	1.02	0.90	0.68	0.48	0.32	0.22	0.13	11.5	0.00	
48	0.16	0.27	0.39	0.60	0.91	1.29	1.57	1.75	1.61	1.61	1.75	1.57	1.29	0.91	0.60	0.39	0.27	0.16	17.1	0.00	
40	0.18	0.31	0.49	0.79	1.51	2.86	4.41	5.83	5.80	5.80	5.83	4.41	2.86	1.51	0.79	0.49	0.31	0.18	44.4	22.8	
32	0.21	0.36	0.60	1.21	3.49	8.28	13.8	18.0	19.2	19.2	18.0	13.8	8.28	3.49	1.21	0.60	0.36	0.21	131	122	
24	0.23	0.41	0.73	1.92	7.19	17.1	25.9	31.5	33.6	33.6	31.5	25.9	17.1	7.19	1.92	0.73	0.41	0.23	238	231	
	0.24	0.45	0.86	2.82	10.7	24.2	35.1	41.0	43.4	43.4	41.0	35.1	24.2	10.7	2.82	0.86	0.45	0.24	318	312	
	0.25	0.48	0.96	3.38	13.0	28.4	39.6	45.6	48.2	48.2	45.6	39.6	28.4	13.0	3.38	0.96	0.48	0.25	360	354	
	0.25	0.48	0.96	3.38	13.0	28.4	39.6	45.6	48.2	48.2	45.6	39.6	28.4	13.0	3.38	0.96	0.48	0.25	360	354	
	0.24	0.45	0.86	2.82	10.7	24.2	35.1	41.0	43.4	43.4	41.0	35.1	24.2	10.7	2.82	0.86	0.45	0.24	318	312	
-24	0.23	0.41	0.73	1.92	7.19	17.1	25.9	31.5	33.6	33.6	31.5	25.9	17.1	7.19	1.92	0.73	0.41	0.23	238	231	
-32	0.21	0.36	0.60	1.21	3.49	8.28	13.8	18.0	19.2	19.2	18.0	13.8	8.28	3.49	1.21	0.60	0.36	0.21	131	122	
-40	0.18	0.31	0.49	0.79	1.51	2.86	4.41	5.83	5.80	5.80	5.83	4.41	2.86	1.51	0.79	0.49	0.31	0.18	44.4	22.8	
-48	0.16	0.27	0.39	0.60	0.91	1.29	1.57	1.75	1.61	1.61	1.75	1.57	1.29	0.91	0.60	0.39	0.27	0.16	17.1	0.00	
-56	0.13	0.22	0.32	0.48	0.68	0.90	1.02	1.04	0.99	0.99	1.04	1.02	0.90	0.68	0.48	0.32	0.22	0.13	11.5	0.00	
-64	0.10	0.17	0.26	0.39	0.53	0.67	0.73	0.73	0.68	0.68	0.73	0.73	0.67	0.53	0.39	0.26	0.17	0.10	8.51	0.00	
-72	0.08	0.12	0.19	0.29	0.40	0.50	0.52	0.51	0.47	0.47	0.51	0.52	0.50	0.40	0.29	0.19	0.12	0.08	6.15	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	3.17	5.54	9.63	23.8	77.0	169	246	292	308	308	292	246	169	77.0	23.8	9.63	5.54	3.17	2346		
Φ a	0.00	0.00	0.00	6.45	64.6	157	234	282	298	298	282	234	157	64.6	6.45	0.00	0.00	0.00		2105	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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

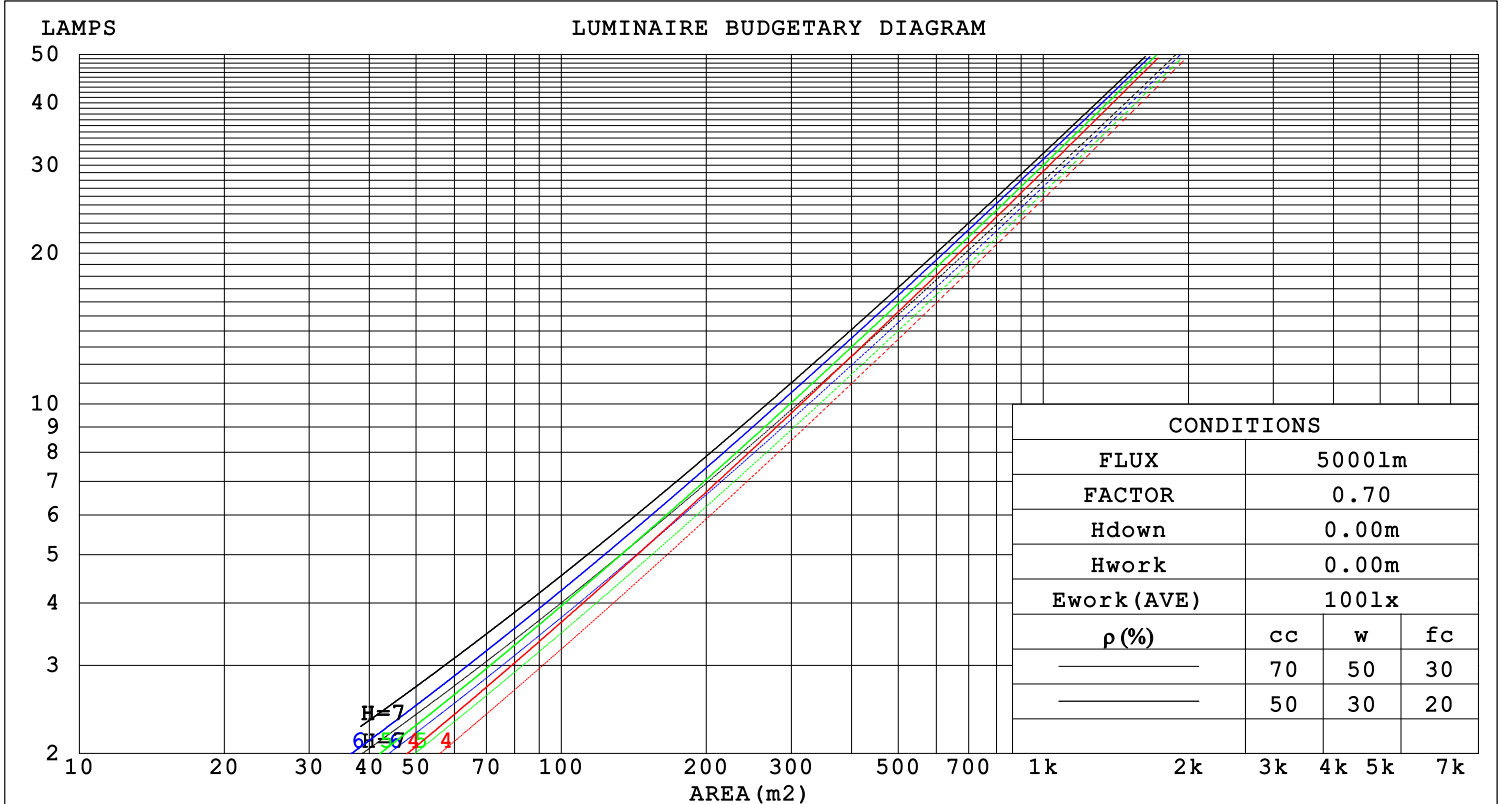


### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT N0-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.91
2.0	1.01	.97	.94	.99	.96	.92	.96	.93	.90	.93	.90	.88	.89	.87	.86	.84
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.82	.87	.84	.81	.84	.82	.79	.78
4.0	.88	.82	.78	.86	.81	.77	.84	.79	.76	.82	.78	.75	.80	.76	.74	.72
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.75	.72	.69	.67
6.0	.77	.71	.66	.76	.70	.66	.74	.69	.65	.73	.68	.65	.71	.67	.64	.63
7.0	.72	.66	.62	.71	.66	.61	.70	.65	.61	.68	.64	.60	.67	.63	.60	.59
8.0	.68	.62	.58	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.59	.56	.55
9.0	.64	.58	.54	.64	.58	.54	.62	.57	.54	.61	.57	.53	.60	.56	.53	.52
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.50	.58	.53	.50	.57	.53	.50	.49



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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

**WEC AND CCEC**

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005														
NAME: 1010-1-2-3-1-2					TYPE: .5w 4k cri80					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*26*45					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	.191	.109	.034	.184	.105	.033	.170	.098	.031	.157	.091	.029	.146	.084	.027	
2.0	.181	.099	.031	.175	.096	.030	.163	.091	.028	.152	.085	.027	.142	.080	.025	
3.0	.172	.091	.027	.166	.089	.027	.156	.084	.026	.146	.080	.025	.138	.076	.024	
4.0	.162	.084	.025	.158	.083	.024	.149	.079	.024	.140	.075	.023	.133	.072	.022	
5.0	.154	.078	.023	.150	.077	.022	.142	.074	.022	.135	.071	.021	.128	.068	.021	
6.0	.146	.073	.021	.143	.072	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	
7.0	.139	.069	.020	.136	.068	.019	.130	.066	.019	.124	.064	.018	.119	.062	.018	
8.0	.133	.065	.018	.130	.064	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	
9.0	.127	.061	.017	.124	.061	.017	.119	.059	.017	.115	.057	.016	.110	.056	.016	
10.0	.122	.058	.016	.119	.058	.016	.115	.056	.016	.110	.055	.016	.106	.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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.069	.069	.069	.022	.022	.022	
1.0	.189	.174	.161	.162	.149	.138	.111	.103	.096	.064	.059	.056	.020	.019	.018	
2.0	.174	.149	.128	.149	.129	.111	.102	.089	.077	.059	.052	.045	.019	.017	.015	
3.0	.163	.131	.105	.139	.113	.091	.096	.078	.064	.055	.046	.038	.018	.015	.012	
4.0	.153	.116	.088	.131	.100	.077	.090	.070	.054	.052	.041	.032	.017	.013	.011	
5.0	.144	.105	.076	.124	.091	.066	.085	.063	.046	.049	.037	.028	.016	.012	.009	
6.0	.137	.096	.066	.117	.083	.057	.081	.058	.041	.047	.034	.024	.015	.011	.008	
7.0	.130	.088	.059	.112	.076	.051	.077	.054	.036	.045	.032	.022	.015	.010	.007	
8.0	.124	.082	.053	.107	.071	.046	.074	.050	.033	.043	.029	.019	.014	.010	.006	
9.0	.119	.077	.048	.103	.067	.042	.071	.047	.030	.041	.028	.018	.013	.009	.006	
10.0	.115	.072	.044	.099	.063	.039	.069	.044	.027	.040	.026	.016	.013	.009	.005	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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

**Uncorrected UGR Table**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	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	12.1	13.1	12.4	13.3	13.5	7.6	8.6	7.9	8.8	9.0
	3H	12.3	13.2	12.6	13.4	13.7	8.2	9.1	8.5	9.4	9.6
	4H	12.4	13.2	12.7	13.5	13.8	8.5	9.4	8.9	9.7	9.9
	6H	12.5	13.3	12.9	13.6	13.9	8.8	9.6	9.1	9.8	10.1
	8H	12.6	13.4	12.9	13.7	14.0	8.8	9.5	9.1	9.8	10.1
	12H	12.7	13.4	13.0	13.7	14.0	8.8	9.5	9.1	9.8	10.1
4H	2H	12.0	12.8	12.3	13.1	13.4	7.8	8.7	8.2	8.9	9.2
	3H	12.2	12.9	12.6	13.3	13.6	8.8	9.5	9.1	9.8	10.1
	4H	12.4	13.1	12.8	13.4	13.8	9.3	10.0	9.7	10.3	10.6
	6H	12.6	13.2	13.1	13.6	14.0	9.7	10.2	10.1	10.6	11.0
	8H	12.7	13.3	13.2	13.7	14.1	9.7	10.3	10.1	10.7	11.1
	12H	12.8	13.3	13.3	13.8	14.2	9.8	10.3	10.2	10.7	11.1
8H	4H	12.4	12.9	12.8	13.3	13.7	9.5	10.0	9.9	10.4	10.9
	6H	12.7	13.1	13.1	13.5	14.0	10.1	10.5	10.5	11.0	11.4
	8H	12.8	13.2	13.3	13.6	14.1	10.2	10.6	10.7	11.1	11.6
	12H	13.0	13.3	13.5	13.8	14.3	10.4	10.7	10.9	11.2	11.7
12H	4H	12.4	12.9	12.8	13.3	13.7	9.5	10.0	9.9	10.4	10.8
	6H	12.7	13.1	13.1	13.5	14.0	10.1	10.5	10.6	10.9	11.4
	8H	12.8	13.1	13.3	13.6	14.1	10.3	10.7	10.8	11.1	11.7

Variations with the observer position at spacings:		
S = 1.0H	+ 1.9 / - 2.5	+ 0.6 / - 0.6
1.5H	+ 3.8 / - 2.6	+ 1.1 / - 0.8
2.0H	+ 2.7 / - 0.9	+ 0.4 / - 0.9

CIE Pub.117 Corrected 2346 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.0)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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 FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	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	77	73	83	77	73	82	76	73	69
0.80	92	85	81	91	85	81	89	84	80	76
1.00	96	90	86	95	90	86	93	89	85	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	103	98	95	102	97	94	100	96	93	88
2.00	107	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	100	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

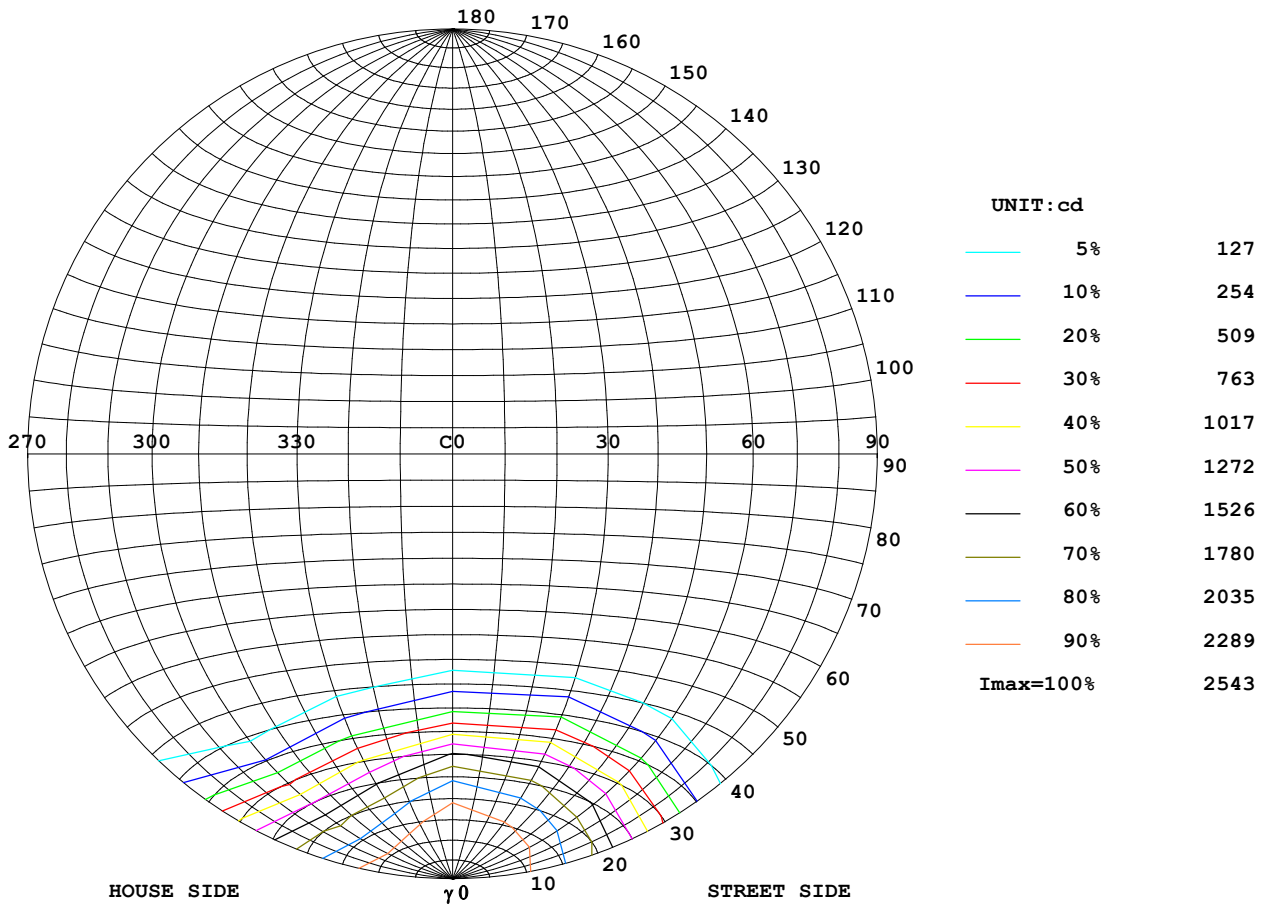
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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 N0-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

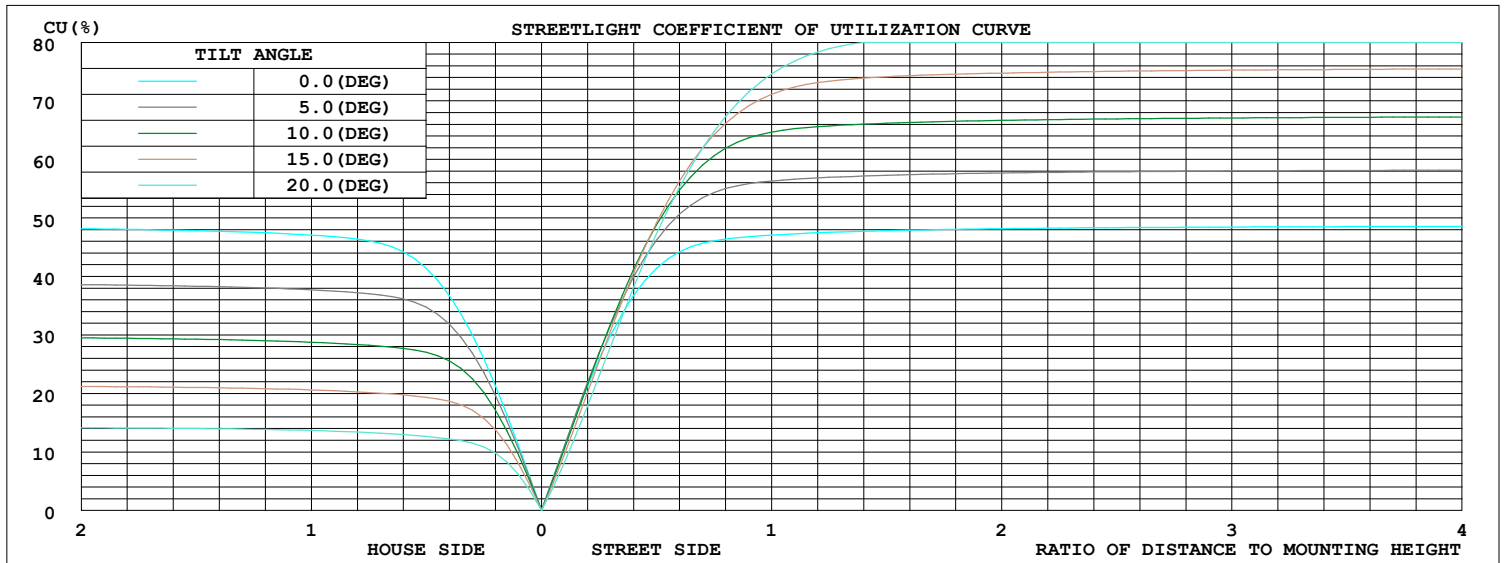
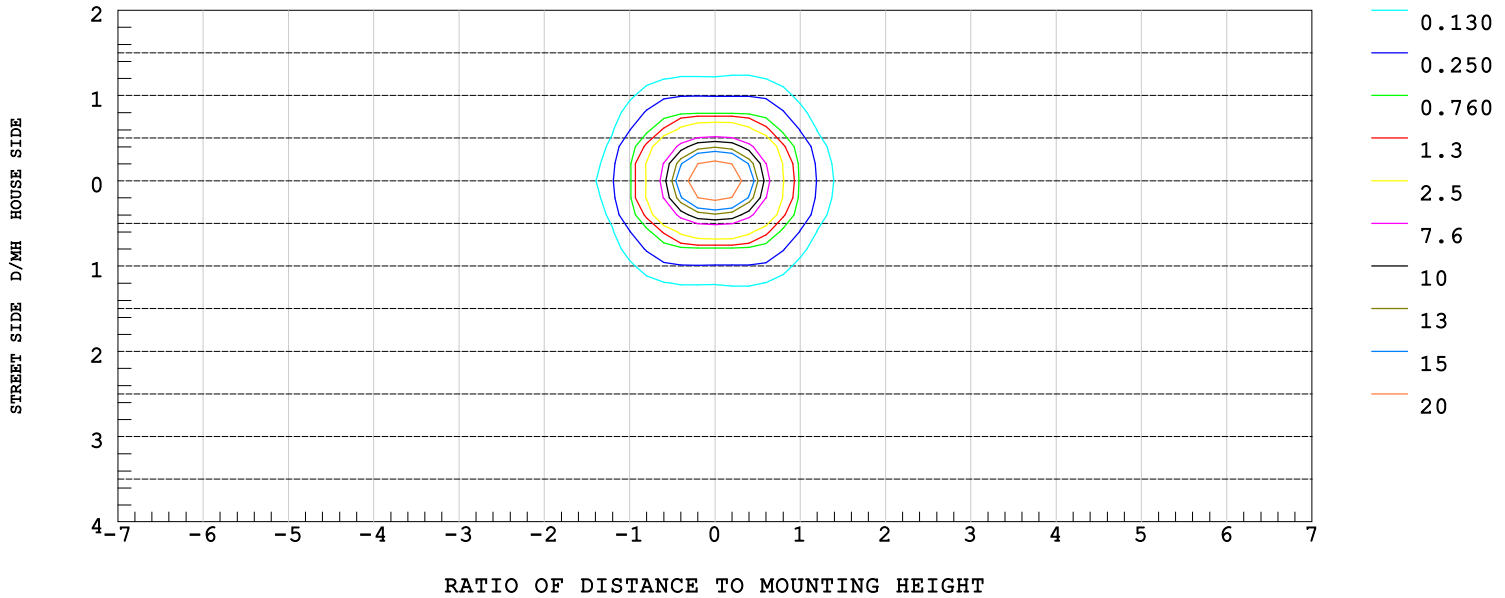
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000K

### ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 25.43 lx



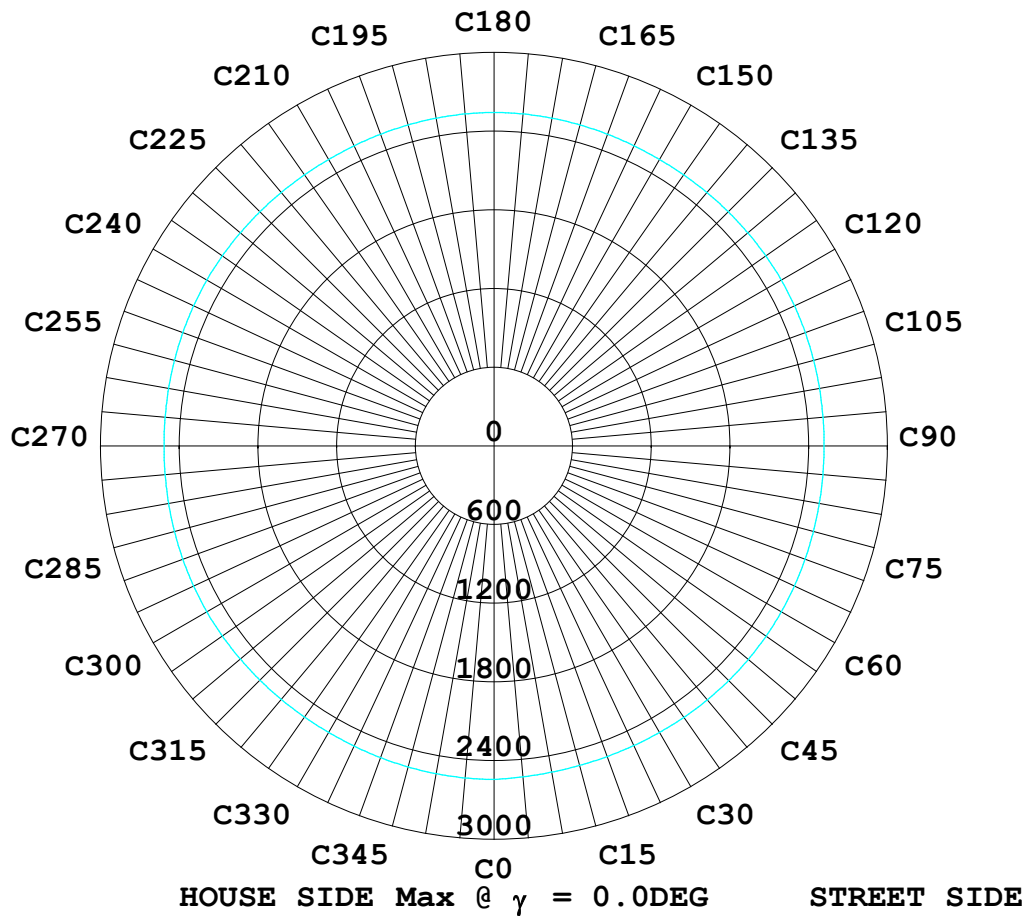
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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 N0-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:04-25-2023

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:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1010-1-2-3-1-2	TYPE: .5w 4k cri80	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*26*45	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2543	2523	2530	2516	2530	2523	2543	2523	2530	2516	2530	2523
5.0	2540	2517	2510	2471	2510	2517	2540	2517	2510	2471	2510	2517
10.0	2498	2446	2399	2319	2399	2446	2498	2446	2399	2319	2399	2446
15.0	2410	2315	2197	2066	2197	2315	2410	2315	2197	2066	2197	2315
20.0	2260	2126	1904	1722	1904	2126	2260	2126	1904	1722	1904	2126
25.0	1988	1838	1505	1268	1505	1838	1988	1838	1505	1268	1505	1838
30.0	1546	1425	1039	726	1039	1425	1546	1425	1039	726	1039	1425
35.0	940	935	547	260	547	935	940	935	547	260	547	935
40.0	427	467	205	97.9	205	467	427	467	205	97.9	205	467
45.0	174	178	101	64.5	101	178	174	178	101	64.5	101	178
50.0	89.1	80.6	72.1	51.7	72.1	80.6	89.1	80.6	72.1	51.7	72.1	80.6
55.0	62.1	50.9	57.5	41.6	57.5	50.9	62.1	50.9	57.5	41.6	57.5	50.9
60.0	48.5	38.4	46.6	32.3	46.6	38.4	48.5	38.4	46.6	32.3	46.6	38.4
65.0	39.6	29.8	37.4	26.2	37.4	29.8	39.6	29.8	37.4	26.2	37.4	29.8
70.0	32.0	23.3	30.3	20.6	30.3	23.3	32.0	23.3	30.3	20.6	30.3	23.3
75.0	25.1	17.0	23.7	15.0	23.7	17.0	25.1	17.0	23.7	15.0	23.7	17.0
80.0	18.1	10.3	16.6	9.11	16.6	10.3	18.1	10.3	16.6	9.11	16.6	10.3
85.0	11.2	4.33	9.83	3.24	9.83	4.33	11.2	4.33	9.83	3.24	9.83	4.33
90.0	7.49	1.53	6.49	1.26	6.49	1.53	7.49	1.53	6.49	1.26	6.49	1.53
95.0	7.03	1.62	5.86	1.26	5.86	1.62	7.03	1.62	5.86	1.26	5.86	1.62
100.0	6.94	1.89	5.50	1.44	5.50	1.89	6.94	1.89	5.50	1.44	5.50	1.89
105.0	6.85	2.52	5.41	1.71	5.41	2.52	6.85	2.52	5.41	1.71	5.41	2.52
110.0	7.22	3.06	5.50	2.07	5.50	3.06	7.22	3.06	5.50	2.07	5.50	3.06
115.0	7.76	3.88	5.86	2.79	5.86	3.88	7.76	3.88	5.86	2.79	5.86	3.88
120.0	8.66	4.96	6.58	3.79	6.58	4.96	8.66	4.96	6.58	3.79	6.58	4.96
125.0	9.65	6.31	7.58	5.05	7.58	6.31	9.65	6.31	7.58	5.05	7.58	6.31
130.0	10.8	7.76	8.84	6.67	8.84	7.76	10.8	7.76	8.84	6.67	8.84	7.76
135.0	12.2	9.38	10.2	8.57	10.2	9.38	12.2	9.38	10.2	8.57	10.2	9.38
140.0	13.5	11.0	11.9	10.5	11.9	11.0	13.5	11.0	11.9	10.5	11.9	11.0
145.0	14.8	12.6	13.7	12.6	13.7	12.6	14.8	12.6	13.7	12.6	13.7	12.6
150.0	16.2	14.2	15.3	14.6	15.3	14.2	16.2	14.2	15.3	14.6	15.3	14.2
155.0	17.5	15.7	16.8	16.3	16.8	15.7	17.5	15.7	16.8	16.3	16.8	15.7
160.0	19.0	17.3	18.2	17.7	18.2	17.3	19.0	17.3	18.2	17.7	18.2	17.3
165.0	20.4	18.9	19.5	18.9	19.5	18.9	20.4	18.9	19.5	18.9	19.5	18.9
170.0	21.7	20.2	20.6	19.9	20.6	20.2	21.7	20.2	20.6	19.9	20.6	20.2
175.0	22.8	21.2	21.4	20.8	21.4	21.2	22.8	21.2	21.4	20.8	21.4	21.2
180.0	23.2	22.1	22.0	21.3	22.0	22.1	23.2	22.1	22.0	21.3	22.0	22.1

Test System:HOPOO HPG1800  
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