

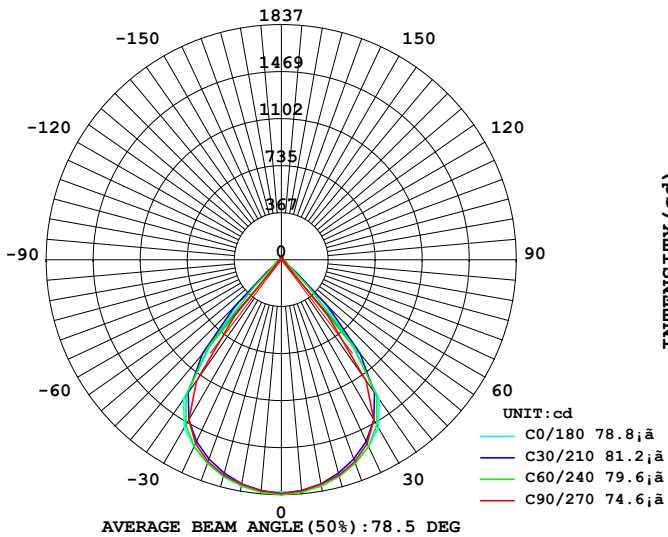
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

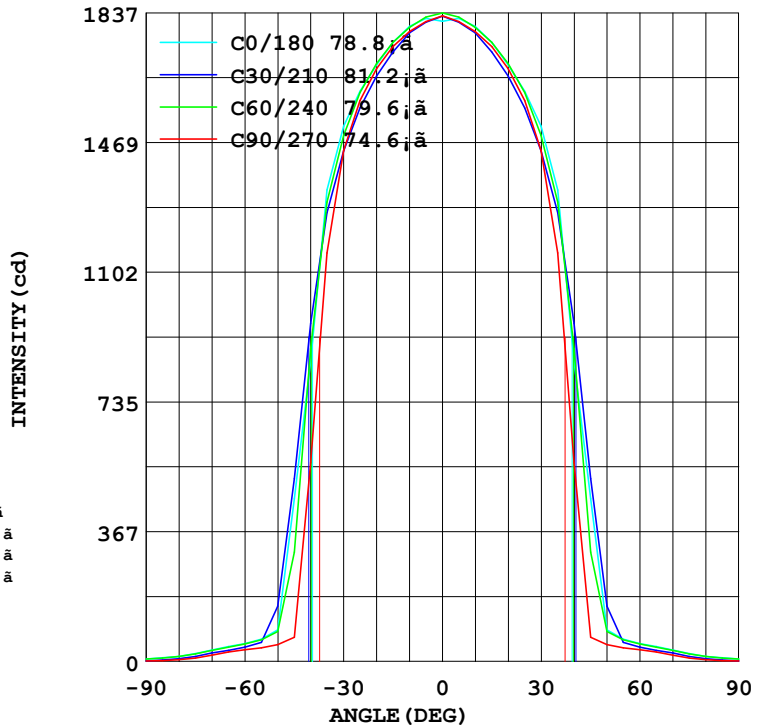
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

DATA OF LAMP		Imax (cd)	1837	S/MH (C0/180)	1.15
MODEL	1008-1-2-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.08
NOMINAL POWER (W)	23	TOTAL FLUX (lm)	2650.0	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	114.8	Current (A)	0.110
NOMINAL FLUX (lm)	2650.0	η up (%)	2.2	Power (W)	23.08
LAMPS QUANTITY	1	η down (%)	97.8	Power Factor (PF)	0.955
TEST VOLTAGE (V)	219.2	Effective Flux (lm)	2468.5	EET	0.127

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 04-24-2023

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

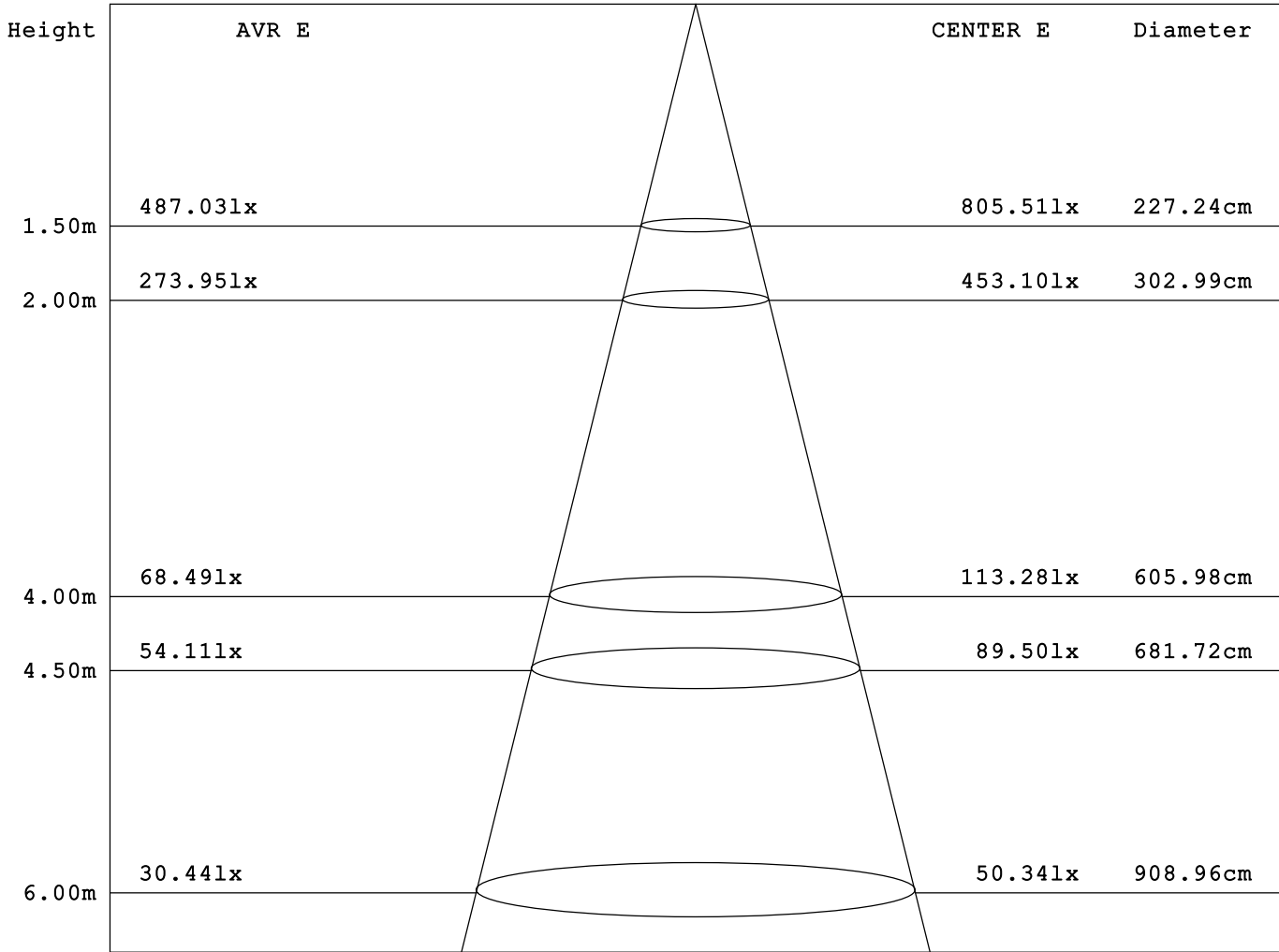
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:



Angle:74.3deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1798	1788	1784	1788	1798	1788	1784	1788	0- 10	172.5	172.5
20.0	1690	1675	1679	1675	1690	1675	1679	1675	10- 20	491.3	663.9
30.0	1516	1468	1446	1468	1516	1468	1446	1468	20- 30	731.0	1395
40.0	850.0	921.3	562.7	921.3	850.0	921.3	562.7	921.3	30- 40	758.2	2153
50.0	89.25	120.5	48.01	120.5	89.25	120.5	48.01	120.5	40- 50	319.1	2472
60.0	50.54	44.85	33.03	44.85	50.54	44.85	33.03	44.85	50- 60	57.44	2530
70.0	32.30	27.61	17.77	27.61	32.30	27.61	17.77	27.61	60- 70	34.97	2565
80.0	14.44	10.87	5.415	10.87	14.44	10.87	5.415	10.87	70- 80	18.96	2584
90.0	7.129	4.377	1.353	4.377	7.129	4.377	1.353	4.377	80- 90	7.715	2592
100.0	5.956	4.151	2.166	4.151	5.956	4.151	2.166	4.151	90-100	4.431	2596
110.0	6.768	5.460	4.061	5.460	6.768	5.460	4.061	5.460	100-110	4.976	2601
120.0	8.573	7.581	6.859	7.581	8.573	7.581	6.859	7.581	110-120	6.420	2607
130.0	11.10	10.42	10.10	10.42	11.10	10.42	10.10	10.42	120-130	8.090	2615
140.0	13.71	13.22	13.44	13.22	13.71	13.22	13.44	13.22	130-140	9.225	2625
150.0	16.51	16.01	16.15	16.01	16.51	16.01	16.15	16.01	140-150	9.211	2634
160.0	19.40	19.13	19.04	19.13	19.40	19.13	19.04	19.13	150-160	8.123	2642
170.0	22.47	22.15	21.93	22.15	22.47	22.15	21.93	22.15	160-170	5.832	2648
180.0	24.36	23.82	23.64	23.82	24.36	23.82	23.64	23.82	170-180	2.188	2650
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

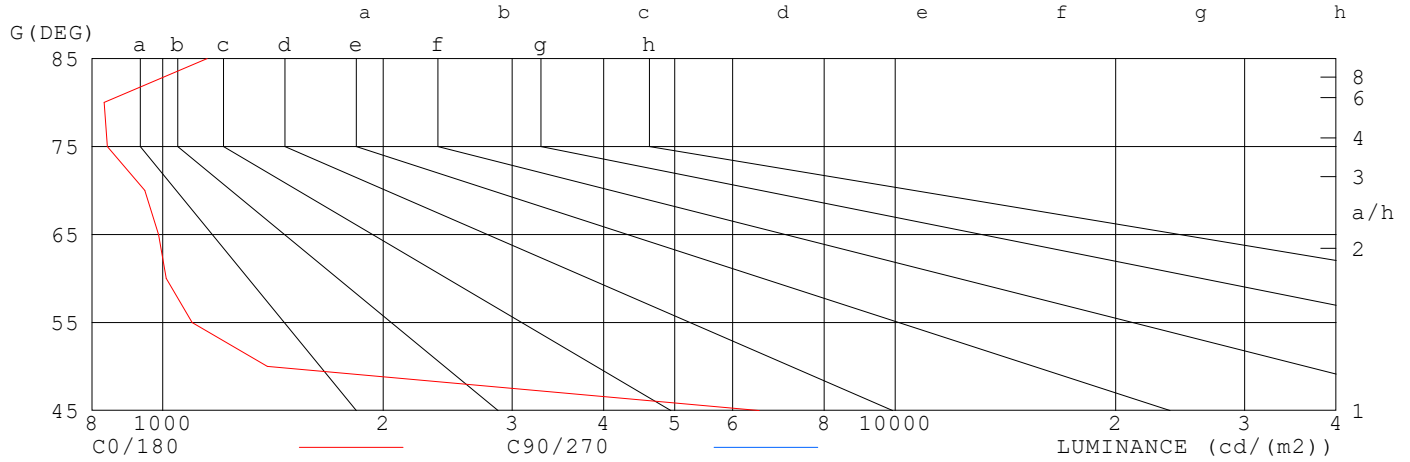
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		a	b	c	d	e	f	g	h
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	1149	300
80	832	312
75	840	377
70	945	520
65	987	628
60	1011	661
55	1097	678
50	1389	747
45	6522	964

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

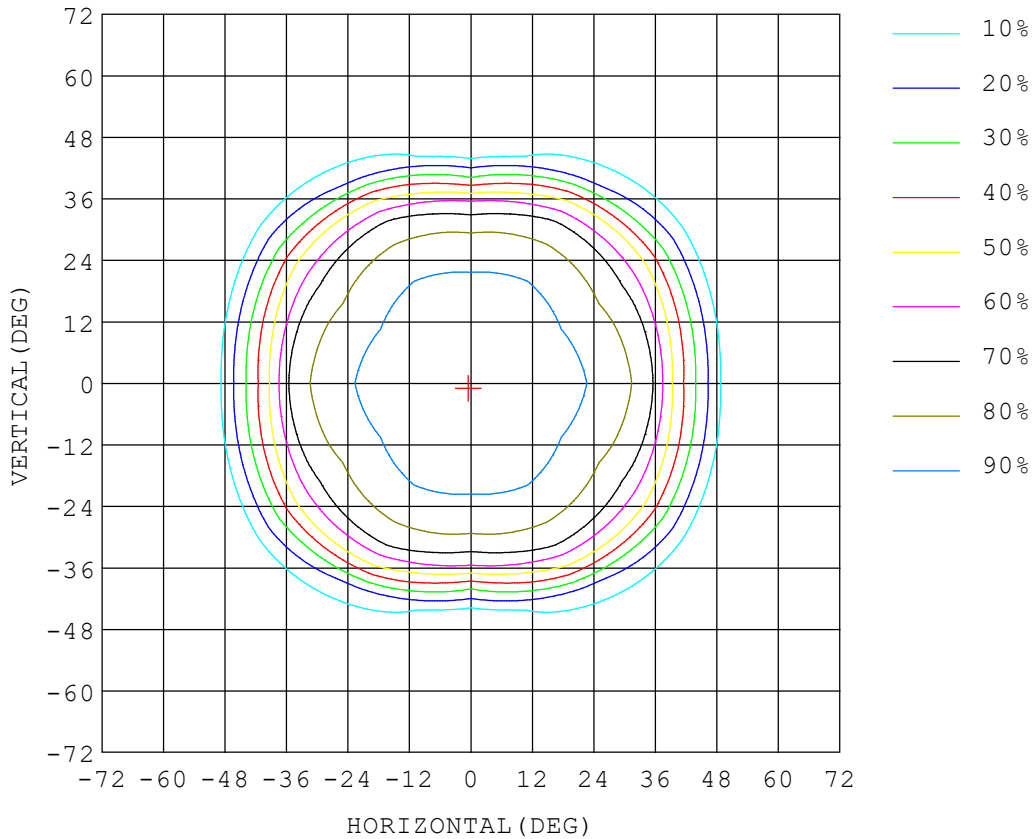
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

UNIT: cd



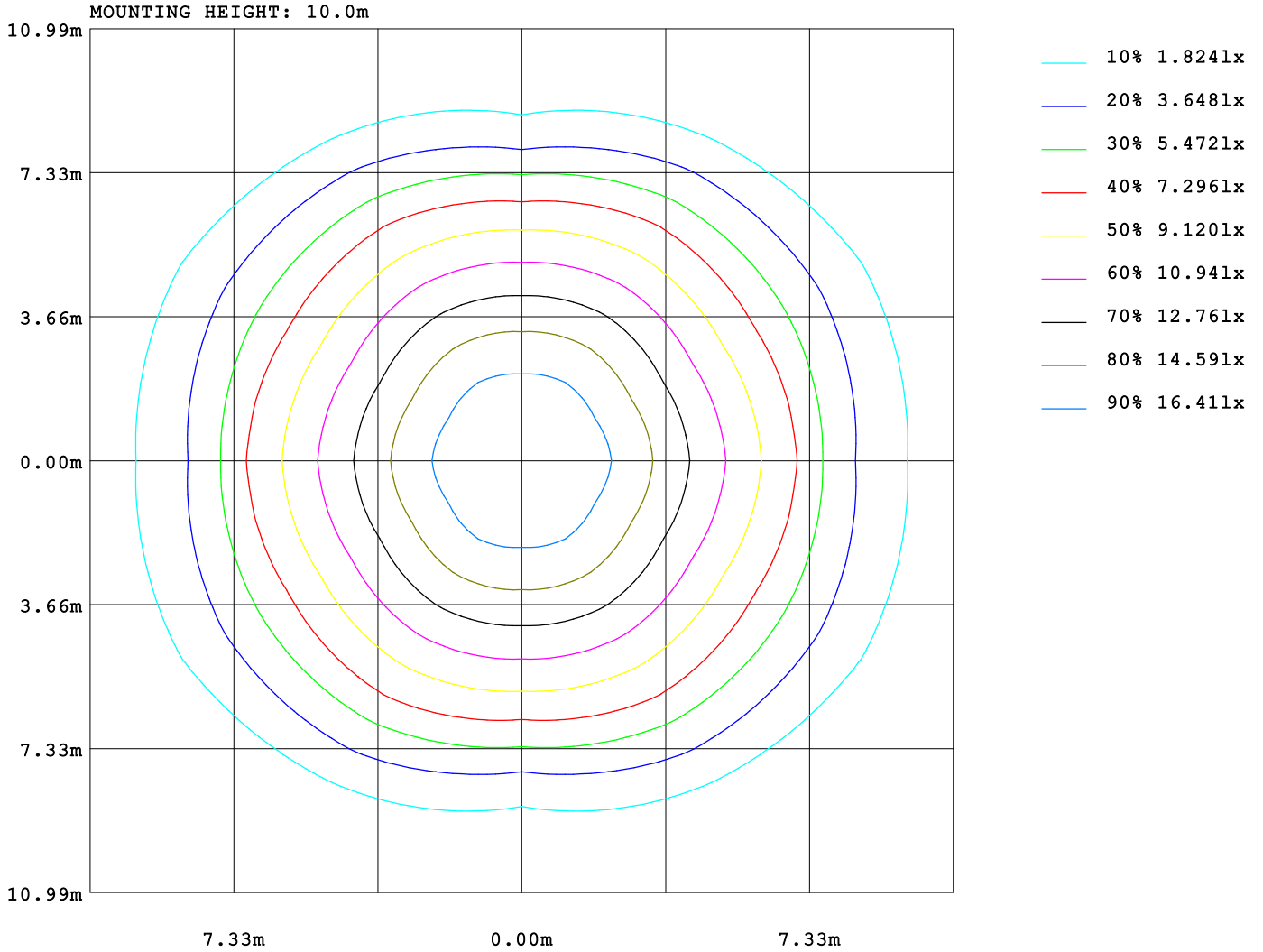
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	0.06	0.09	0.16	0.27	0.39	0.50	0.52	0.50	0.45	0.45	0.50	0.52	0.50	0.39	0.27	0.16	0.09	0.06	5.91	0.00	
64	0.08	0.14	0.25	0.40	0.56	0.72	0.77	0.75	0.69	0.69	0.75	0.77	0.72	0.56	0.40	0.25	0.14	0.08	8.74	0.00	
56	0.11	0.21	0.33	0.51	0.72	0.96	1.10	1.10	0.99	0.99	1.10	1.10	0.96	0.72	0.51	0.33	0.21	0.11	12.1	0.00	
48	0.14	0.27	0.41	0.64	1.11	2.11	3.62	4.98	4.92	4.92	4.98	3.62	2.11	1.11	0.64	0.41	0.27	0.14	36.4	22.0	
40	0.18	0.33	0.51	1.05	3.34	8.27	14.6	18.7	19.8	19.8	18.7	14.6	8.27	3.34	1.05	0.51	0.33	0.18	134	128	
32	0.20	0.38	0.65	2.39	8.84	17.2	23.9	27.6	29.0	29.0	27.6	23.9	17.2	8.84	2.39	0.65	0.38	0.20	221	216	
24	0.23	0.42	0.86	4.58	13.9	22.3	27.6	31.0	32.4	32.4	31.0	27.6	22.3	13.9	4.58	0.86	0.42	0.23	267	263	
	0.25	0.46	1.04	6.63	17.0	24.8	29.3	32.6	34.3	34.3	32.6	29.3	24.8	17.0	6.63	1.04	0.46	0.25	293	289	
	0.26	0.49	1.17	7.60	18.7	26.2	30.5	33.5	35.1	35.1	33.5	30.5	26.2	18.7	7.60	1.17	0.49	0.26	308	304	
	0.26	0.49	1.17	7.60	18.7	26.2	30.5	33.5	35.1	35.1	33.5	30.5	26.2	18.7	7.60	1.17	0.49	0.26	308	304	
	0.25	0.46	1.04	6.63	17.0	24.8	29.3	32.6	34.3	34.3	32.6	29.3	24.8	17.0	6.63	1.04	0.46	0.25	293	289	
-24	0.23	0.42	0.86	4.58	13.9	22.3	27.6	31.0	32.4	32.4	31.0	27.6	22.3	13.9	4.58	0.86	0.42	0.23	267	263	
-32	0.20	0.38	0.65	2.39	8.84	17.2	23.9	27.6	29.0	29.0	27.6	23.9	17.2	8.84	2.39	0.65	0.38	0.20	221	216	
-40	0.18	0.33	0.51	1.05	3.34	8.27	14.6	18.7	19.8	19.8	18.7	14.6	8.27	3.34	1.05	0.51	0.33	0.18	134	128	
-48	0.14	0.27	0.41	0.64	1.11	2.11	3.62	4.98	4.92	4.92	4.98	3.62	2.11	1.11	0.64	0.41	0.27	0.14	36.4	22.0	
-56	0.11	0.21	0.33	0.51	0.72	0.96	1.10	1.10	0.99	0.99	1.10	1.10	0.96	0.72	0.51	0.33	0.21	0.11	12.1	0.00	
-64	0.08	0.14	0.25	0.40	0.56	0.72	0.77	0.75	0.69	0.69	0.75	0.77	0.72	0.56	0.40	0.25	0.14	0.08	8.74	0.00	
-72	0.06	0.09	0.16	0.27	0.39	0.50	0.52	0.50	0.45	0.45	0.50	0.52	0.50	0.39	0.27	0.16	0.09	0.06	5.91	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	3.02	5.59	10.7	48.2	129	207	264	302	316	316	302	264	207	129	48.2	10.7	5.59	3.02	2650		
Φ a	0.00	0.00	0.56	39.1	122	199	257	295	310	310	295	257	199	122	39.1	0.56	0.00	0.00		2468	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

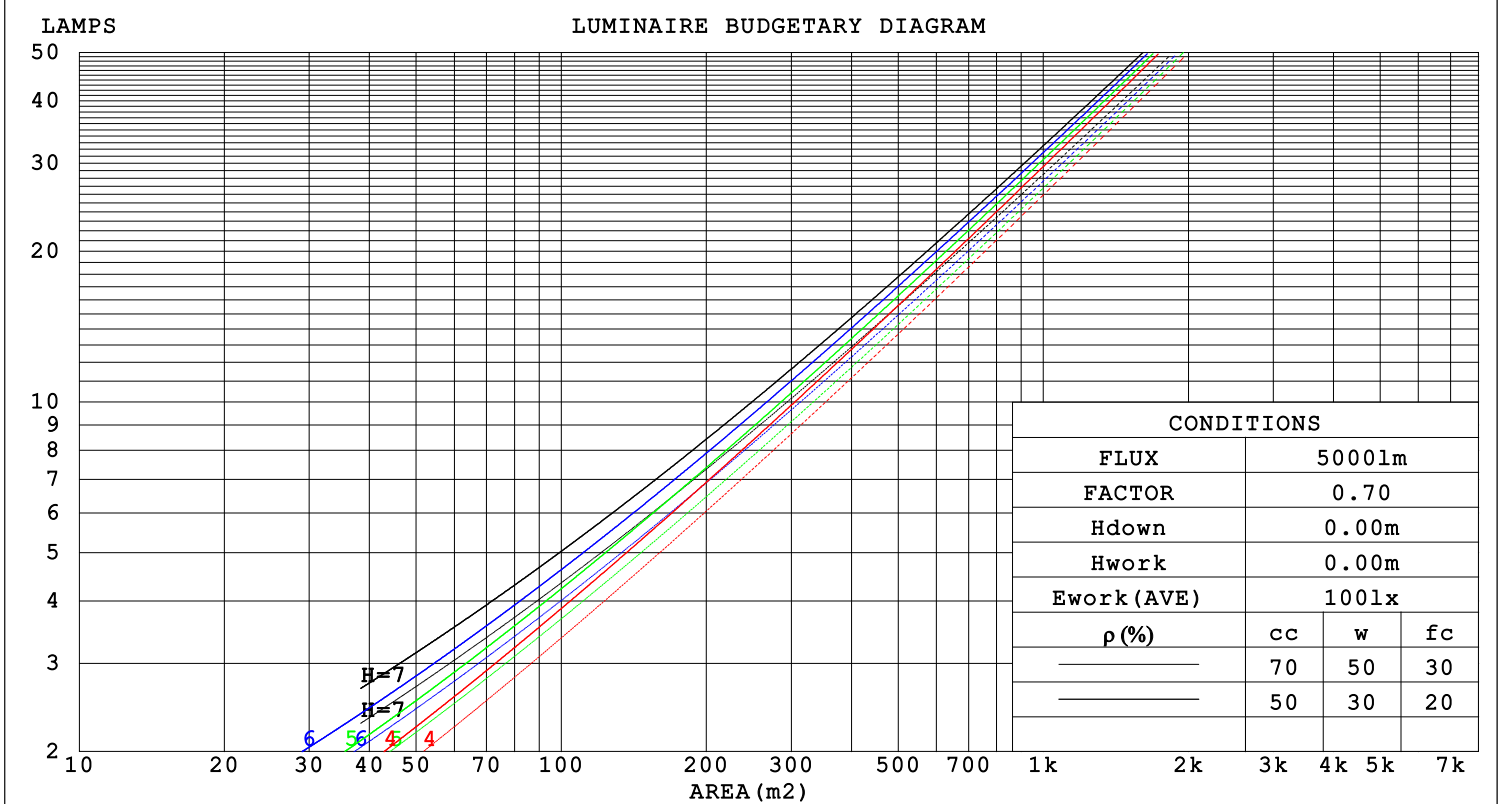
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.09	1.06	1.03	1.06	1.04	1.02	1.02	.99	.98	.98	.96	.95	.94	.93	.92	.90
2.0	.90	.95	.91	.98	.94	.90	.94	.91	.88	.91	.88	.86	.88	.85	.83	.82
3.0	.92	.86	.81	.90	.85	.81	.87	.83	.79	.84	.81	.78	.82	.79	.76	.74
4.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.78	.74	.70	.76	.72	.69	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.69	.65	.73	.68	.64	.71	.67	.64	.62
6.0	.72	.65	.60	.71	.65	.60	.69	.64	.60	.68	.63	.59	.66	.62	.58	.57
7.0	.67	.60	.55	.66	.60	.55	.65	.59	.55	.63	.58	.54	.62	.57	.54	.52
8.0	.62	.55	.51	.61	.55	.51	.60	.54	.50	.59	.54	.50	.58	.53	.50	.48
9.0	.58	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44
10.0	.54	.48	.43	.54	.47	.43	.53	.47	.43	.52	.46	.43	.51	.46	.43	.41



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.204	.116	.037	.197	.112	.036	.183	.105	.034	.170	.098	.031	.158	.092	.030	
2.0	.196	.108	.033	.190	.105	.032	.178	.099	.031	.167	.094	.029	.157	.089	.028	
3.0	.187	.100	.030	.182	.097	.029	.171	.093	.028	.162	.089	.027	.153	.085	.026	
4.0	.178	.093	.027	.173	.091	.027	.164	.087	.026	.156	.084	.025	.148	.080	.024	
5.0	.170	.086	.025	.165	.085	.025	.157	.082	.024	.150	.079	.023	.143	.076	.023	
6.0	.162	.081	.023	.158	.080	.023	.150	.077	.022	.144	.075	.022	.137	.072	.021	
7.0	.154	.076	.022	.150	.075	.021	.144	.073	.021	.138	.071	.021	.132	.069	.020	
8.0	.147	.072	.020	.144	.071	.020	.138	.069	.020	.132	.067	.019	.127	.065	.019	
9.0	.140	.068	.019	.137	.067	.019	.132	.065	.019	.127	.064	.018	.122	.062	.018	
10.0	.134	.064	.018	.132	.064	.018	.127	.062	.017	.122	.061	.017	.118	.059	.017	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.190	.174	.160	.163	.149	.137	.111	.103	.095	.064	.059	.055	.020	.019	.018	
2.0	.177	.149	.127	.151	.129	.109	.104	.089	.076	.060	.052	.045	.019	.017	.015	
3.0	.166	.131	.103	.142	.113	.089	.098	.078	.063	.056	.046	.037	.018	.015	.012	
4.0	.157	.117	.086	.134	.101	.075	.092	.070	.053	.053	.041	.031	.017	.013	.010	
5.0	.149	.105	.073	.128	.091	.064	.088	.064	.045	.051	.037	.027	.016	.012	.009	
6.0	.142	.097	.064	.122	.084	.056	.084	.059	.039	.049	.034	.023	.016	.011	.008	
7.0	.136	.089	.057	.117	.077	.049	.081	.054	.035	.047	.032	.021	.015	.010	.007	
8.0	.130	.083	.051	.112	.072	.045	.078	.051	.032	.045	.030	.019	.015	.010	.006	
9.0	.125	.078	.047	.108	.068	.041	.075	.048	.029	.044	.028	.017	.014	.009	.006	
10.0	.121	.074	.043	.104	.064	.038	.072	.045	.027	.042	.027	.016	.014	.009	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005										
NAME: 1008-1-2-1-2					TYPE: 3K .5W CRI90			WEIGHT:		
SPECIFICATION:					DIMENSION: 1130*60*90			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	15.4	16.5	15.7	16.7	16.9	14.2	15.3	14.4	15.5	15.7
	3H	15.3	16.3	15.6	16.6	16.8	14.1	15.1	14.4	15.3	15.6
	4H	15.3	16.2	15.6	16.5	16.8	14.0	15.0	14.3	15.2	15.5
	6H	15.3	16.1	15.6	16.4	16.7	14.0	14.8	14.3	15.1	15.4
	8H	15.2	16.1	15.6	16.4	16.7	13.9	14.7	14.3	15.0	15.4
	12H	15.2	16.0	15.6	16.4	16.7	13.9	14.7	14.2	15.0	15.3
4H	2H	15.2	16.1	15.5	16.4	16.7	14.0	14.9	14.3	15.2	15.4
	3H	15.1	15.9	15.5	16.3	16.6	13.9	14.7	14.3	15.1	15.4
	4H	15.1	15.8	15.5	16.2	16.5	13.9	14.6	14.3	15.0	15.3
	6H	15.1	15.7	15.5	16.1	16.5	13.9	14.5	14.3	14.9	15.3
	8H	15.1	15.7	15.5	16.1	16.5	13.9	14.4	14.3	14.8	15.3
	12H	15.1	15.6	15.6	16.1	16.5	13.8	14.4	14.3	14.8	15.2
8H	4H	15.0	15.6	15.4	16.0	16.4	13.8	14.4	14.3	14.8	15.2
	6H	15.0	15.5	15.5	15.9	16.4	13.8	14.3	14.3	14.8	15.2
	8H	15.0	15.4	15.5	15.9	16.4	13.8	14.3	14.3	14.7	15.2
	12H	15.0	15.4	15.6	15.9	16.4	13.8	14.2	14.4	14.7	15.2
12H	4H	15.0	15.5	15.4	15.9	16.4	13.8	14.3	14.2	14.7	15.2
	6H	15.0	15.4	15.5	15.8	16.3	13.8	14.2	14.3	14.7	15.2
	8H	15.0	15.3	15.5	15.8	16.3	13.8	14.2	14.3	14.7	15.2

Variations with the observer position at spacings:		
S = 1.0H	+ 2.3 / - 6.4	+ 2.8 / - 5.9
1.5H	+ 4.5 / - 6.7	+ 5.3 / - 6.2
2.0H	+ 7.4 / - 2.5	+ 0.8 / - 1.1

CIE Pub.117 Corrected 2650 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	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	80	72	68	79	72	68	78	72	67	63
0.80	88	81	77	87	81	76	86	80	76	71
1.00	94	87	83	93	87	82	91	87	82	77
1.25	99	92	88	97	92	88	95	90	87	82
1.50	102	96	92	100	95	92	98	94	90	85
2.00	106	101	97	104	99	96	101	97	94	88
2.50	108	103	99	106	102	98	102	99	96	89
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	106	109	107	104	105	103	101	93
5.00	113	110	108	111	108	106	106	105	103	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

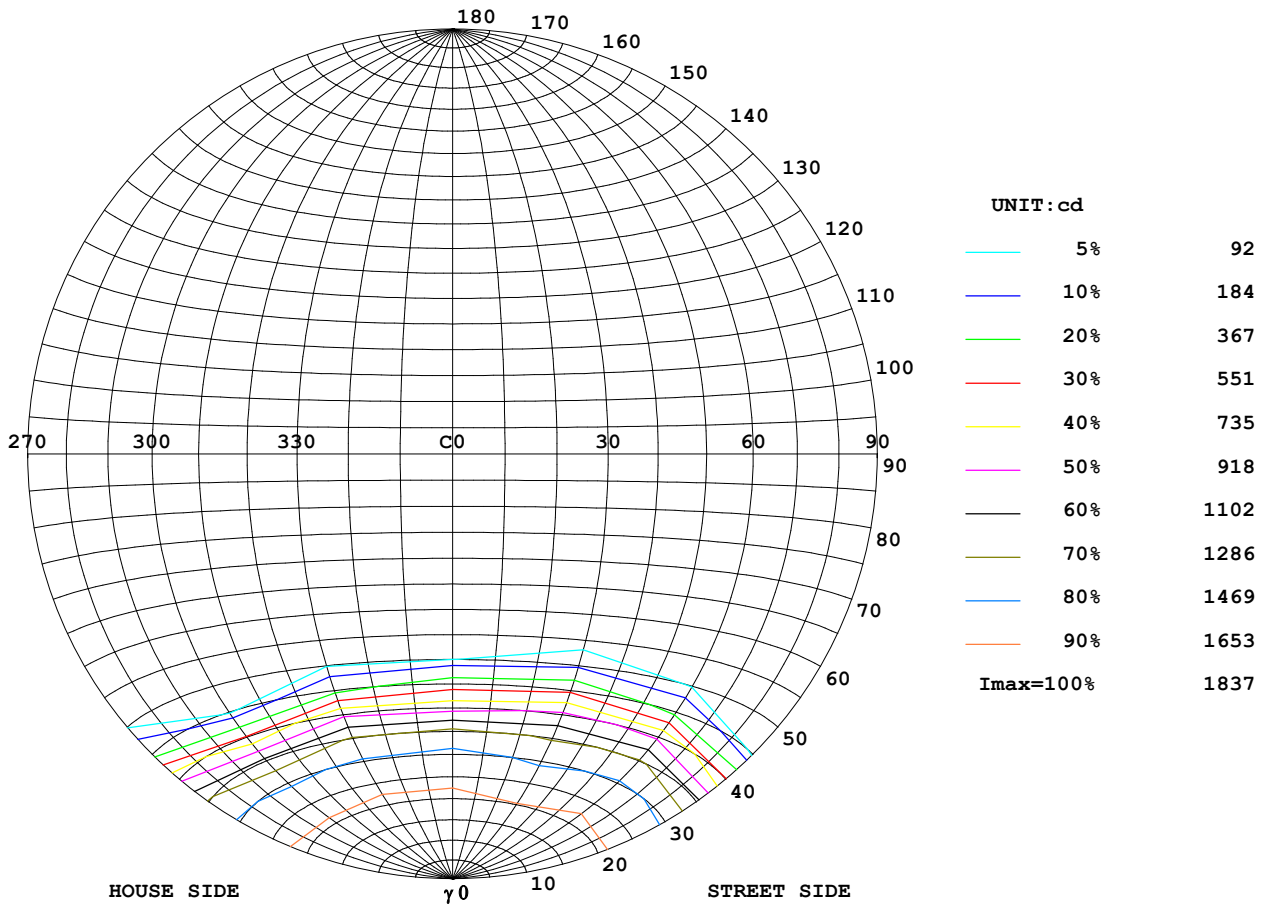
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

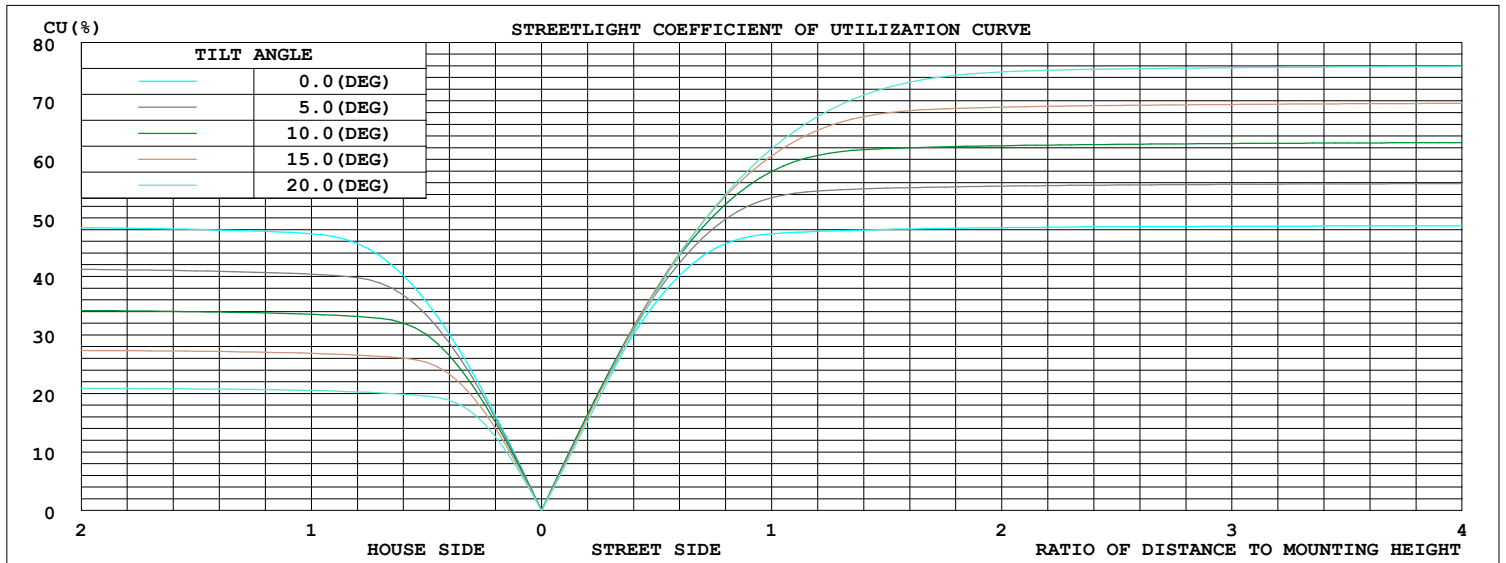
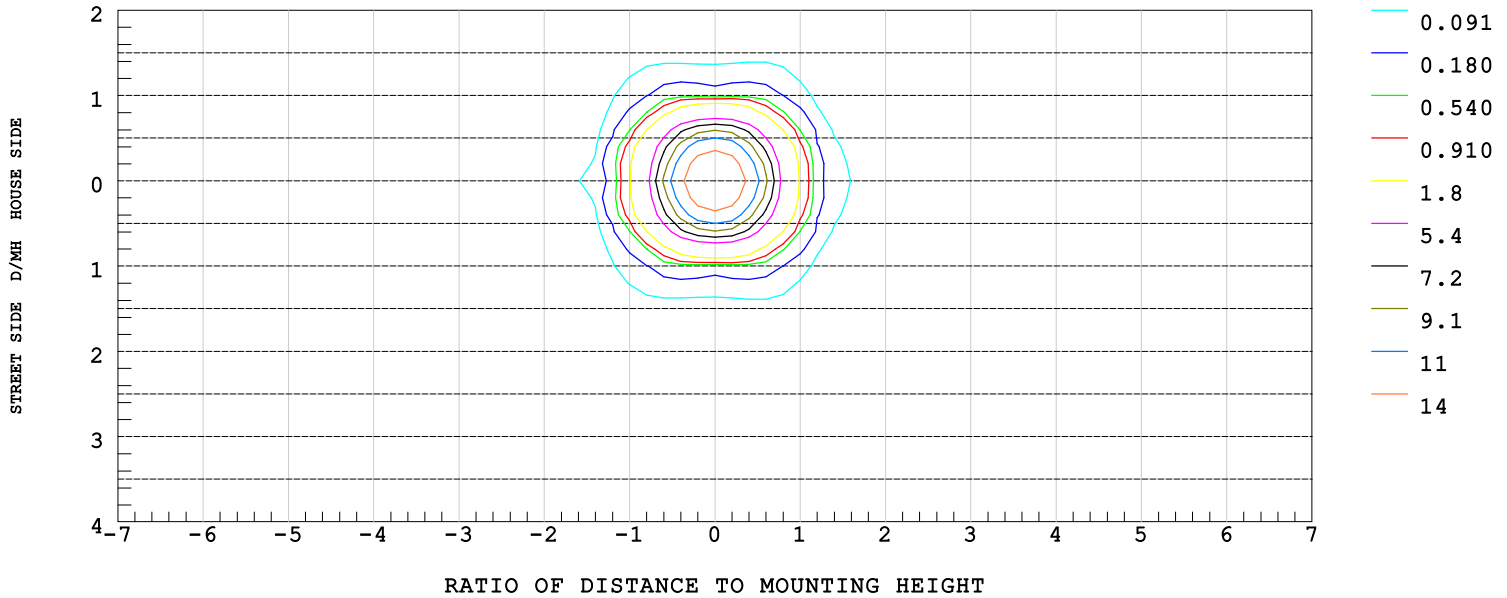
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 18.12 lx



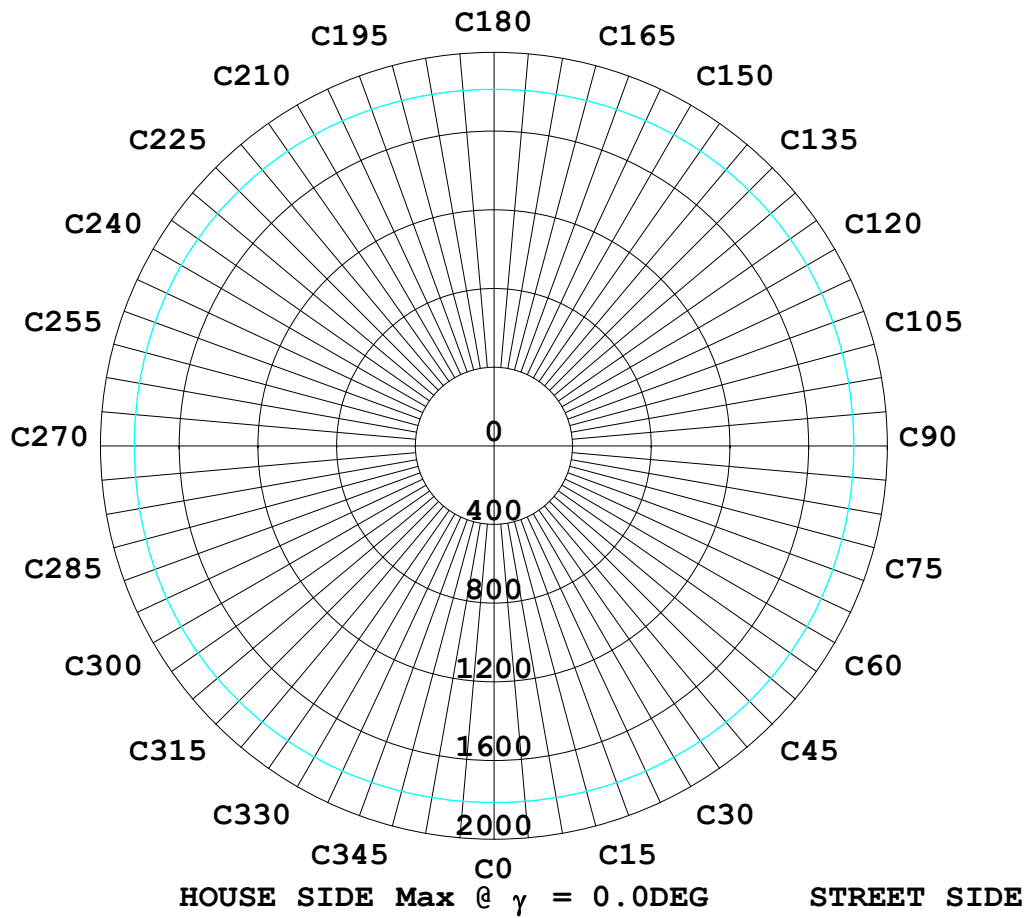
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-24-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1008-1-2-1-2	TYPE: 3K .5W CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1130*60*90	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1812	1827	1837	1828	1837	1827	1812	1827	1837	1828	1837	1827
5.0	1821	1811	1824	1812	1824	1811	1821	1811	1824	1812	1824	1811
10.0	1798	1780	1796	1784	1796	1780	1798	1780	1796	1784	1796	1780
15.0	1753	1726	1753	1741	1753	1726	1753	1726	1753	1741	1753	1726
20.0	1690	1658	1693	1679	1693	1658	1690	1658	1693	1679	1693	1658
25.0	1614	1567	1611	1588	1611	1567	1614	1567	1611	1588	1611	1567
30.0	1516	1446	1490	1446	1490	1446	1516	1446	1490	1446	1490	1446
35.0	1335	1271	1301	1157	1301	1271	1335	1271	1301	1157	1301	1271
40.0	850	957	885	563	885	957	850	957	885	563	885	957
45.0	461	518	309	68.1	309	518	461	518	309	68.1	309	518
50.0	89.2	156	85.0	48.0	85.0	156	89.2	156	85.0	48.0	85.0	156
55.0	62.9	54.1	61.1	38.8	61.1	54.1	62.9	54.1	61.1	38.8	61.1	54.1
60.0	50.5	40.4	49.2	33.0	49.2	40.4	50.5	40.4	49.2	33.0	49.2	40.4
65.0	41.6	31.3	40.6	26.5	40.6	31.3	41.6	31.3	40.6	26.5	40.6	31.3
70.0	32.3	23.6	31.5	17.7	31.5	23.6	32.3	23.6	31.5	17.7	31.5	23.6
75.0	21.7	14.4	21.6	9.74	21.6	14.4	21.7	14.4	21.6	9.74	21.6	14.4
80.0	14.4	7.58	14.1	5.41	14.1	7.58	14.4	7.58	14.1	5.41	14.1	7.58
85.0	10.0	3.97	9.83	2.61	9.83	3.97	10.0	3.97	9.83	2.61	9.83	3.97
90.0	7.12	1.80	6.94	1.35	6.94	1.80	7.12	1.80	6.94	1.35	6.94	1.80
95.0	5.95	1.53	6.40	1.53	6.40	1.53	5.95	1.53	6.40	1.53	6.40	1.53
100.0	5.95	1.98	6.31	2.16	6.31	1.98	5.95	1.98	6.31	2.16	6.31	1.98
105.0	6.13	2.70	6.58	3.06	6.58	2.70	6.13	2.70	6.58	3.06	6.58	2.70
110.0	6.76	3.70	7.22	4.06	7.22	3.70	6.76	3.70	7.22	4.06	7.22	3.70
115.0	7.49	4.78	8.03	5.41	8.03	4.78	7.49	4.78	8.03	5.41	8.03	4.78
120.0	8.57	6.13	9.02	6.85	9.02	6.13	8.57	6.13	9.02	6.85	9.02	6.13
125.0	9.74	7.67	10.2	8.48	10.2	7.67	9.74	7.67	10.2	8.48	10.2	7.67
130.0	11.1	9.11	11.7	10.1	11.7	9.11	11.1	9.11	11.7	10.1	11.7	9.11
135.0	12.4	10.5	13.1	11.9	13.1	10.5	12.4	10.5	13.1	11.9	13.1	10.5
140.0	13.7	12.0	14.3	13.4	14.3	12.0	13.7	12.0	14.3	13.4	14.3	12.0
145.0	15.0	13.6	15.5	14.7	15.5	13.6	15.0	13.6	15.5	14.7	15.5	13.6
150.0	16.5	15.1	16.8	16.1	16.8	15.1	16.5	15.1	16.8	16.1	16.8	15.1
155.0	17.7	16.7	18.3	17.5	18.3	16.7	17.7	16.7	18.3	17.5	18.3	16.7
160.0	19.4	18.4	19.8	19.0	19.8	18.4	19.4	18.4	19.8	19.0	19.8	18.4
165.0	20.9	20.0	21.3	20.5	21.3	20.0	20.9	20.0	21.3	20.5	21.3	20.0
170.0	22.4	21.5	22.7	21.9	22.7	21.5	22.4	21.5	22.7	21.9	22.7	21.5
175.0	23.5	22.7	23.6	23.1	23.6	22.7	23.5	22.7	23.6	23.1	23.6	22.7
180.0	24.3	23.5	24.0	23.6	24.0	23.5	24.3	23.5	24.0	23.6	24.0	23.5

Test System:HOPOO HPG1800
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