

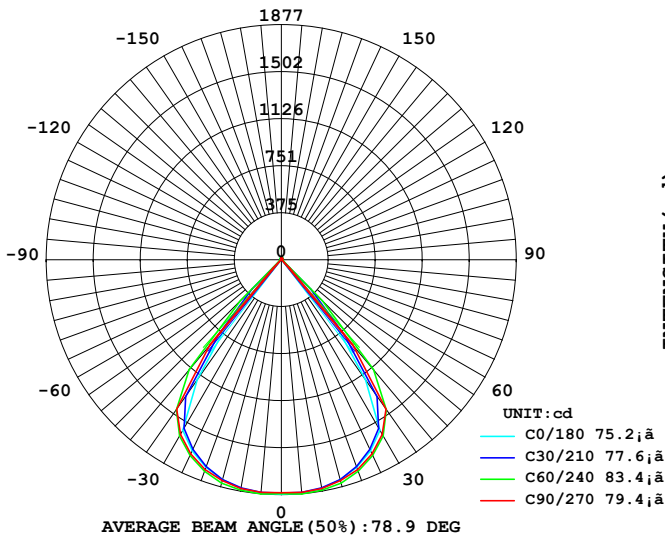
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

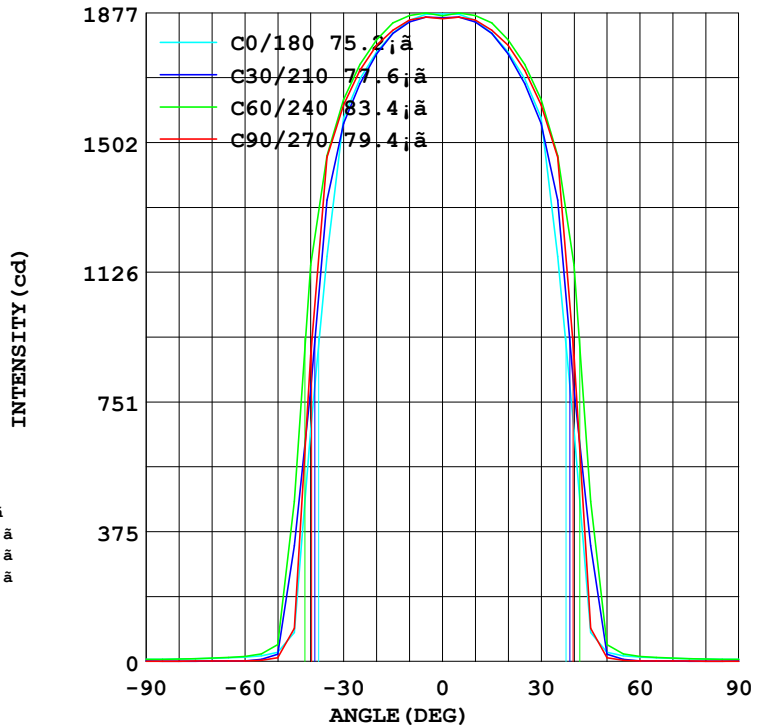
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

DATA OF LAMP		Imax (cd)	1877	S/MH (C0/180)	1.09
MODEL	1009-1-2-5-2-3	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.16
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2661.6	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	131.3	Current (A)	0.096
NOMINAL FLUX (lm)	2661.7	η up (%)	2.0	Power (W)	20.27
LAMPS QUANTITY	1	η down (%)	98.0	Power Factor (PF)	0.982
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	2547.7	E EI	0.108

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 04-28-2023

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700k

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

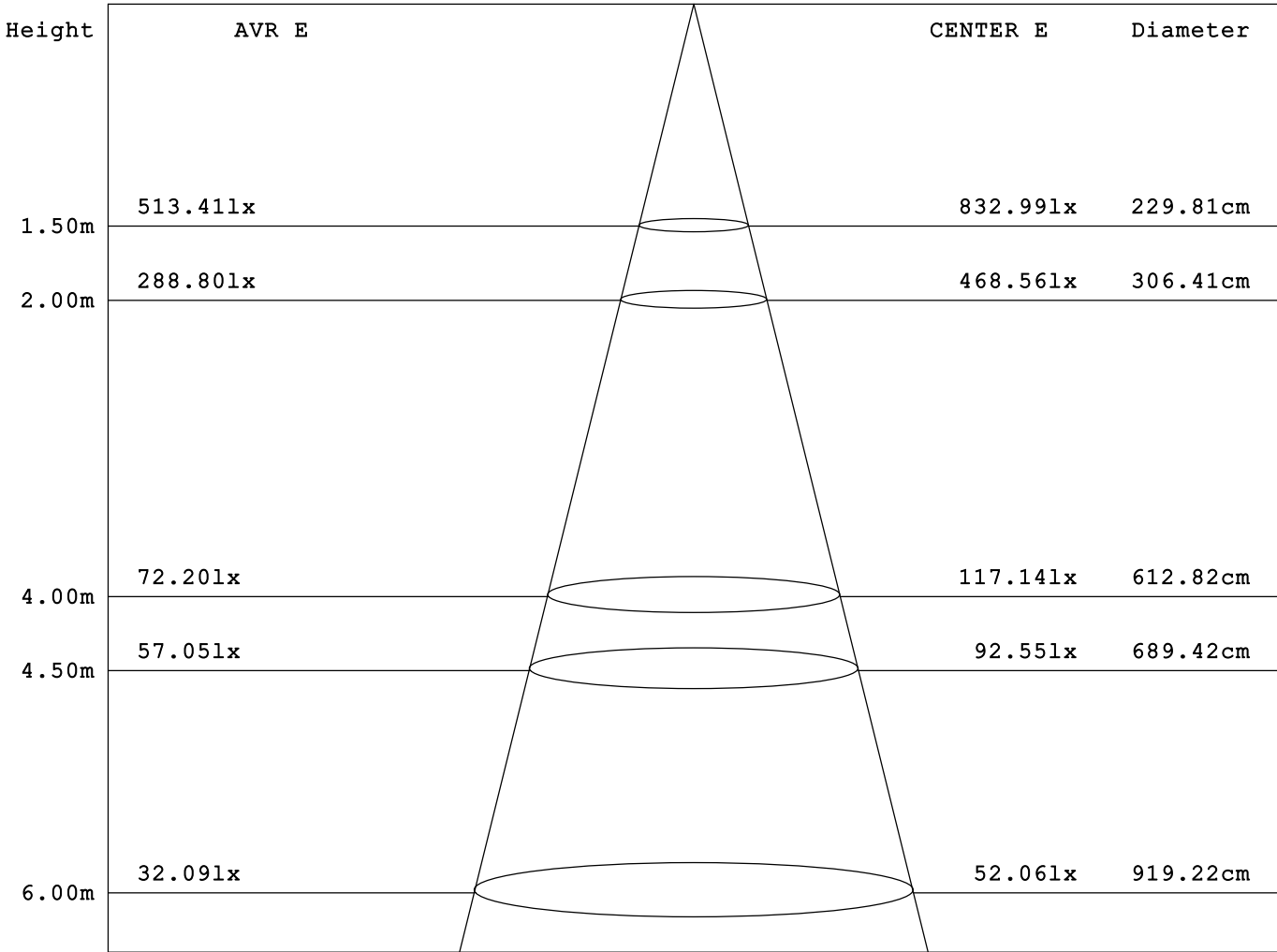
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700k

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Angle:74.9deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1855	1860	1856	1860	1855	1860	1856	1860	0- 10	178.0	178.0
20.0	1764	1778	1784	1778	1764	1778	1784	1778	10- 20	515.9	694.0
30.0	1574	1592	1611	1592	1574	1592	1611	1592	20- 30	781.1	1475
40.0	668.7	966.6	886.2	966.6	668.7	966.6	886.2	966.6	30- 40	815.9	2291
50.0	26.17	34.79	10.28	34.79	26.17	34.79	10.28	34.79	40- 50	287.8	2579
60.0	12.45	8.122	1.624	8.122	12.45	8.122	1.624	8.122	50- 60	13.77	2593
70.0	8.664	5.144	1.083	5.144	8.664	5.144	1.083	5.144	60- 70	6.189	2599
80.0	6.768	3.971	0.812	3.971	6.768	3.971	0.812	3.971	70- 80	4.714	2604
90.0	5.776	3.519	0.902	3.519	5.776	3.519	0.902	3.519	80- 90	3.971	2608
100.0	5.595	3.610	1.263	3.610	5.595	3.610	1.263	3.610	90-100	3.782	2611
110.0	6.678	4.783	2.617	4.783	6.678	4.783	2.617	4.783	100-110	4.320	2616
120.0	8.664	6.859	5.144	6.859	8.664	6.859	5.144	6.859	110-120	5.655	2621
130.0	11.28	9.566	8.393	9.566	11.28	9.566	8.393	9.566	120-130	7.365	2629
140.0	13.98	12.36	11.73	12.36	13.98	12.36	11.73	12.36	130-140	8.575	2637
150.0	16.69	15.20	14.62	15.20	16.69	15.20	14.62	15.20	140-150	8.717	2646
160.0	19.76	18.41	17.68	18.41	19.76	18.41	17.68	18.41	150-160	7.805	2654
170.0	22.92	21.61	21.11	21.61	22.92	21.61	21.11	21.61	160-170	5.681	2659
180.0	24.54	23.73	23.82	23.73	24.54	23.73	23.82	23.73	170-180	2.164	2662
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

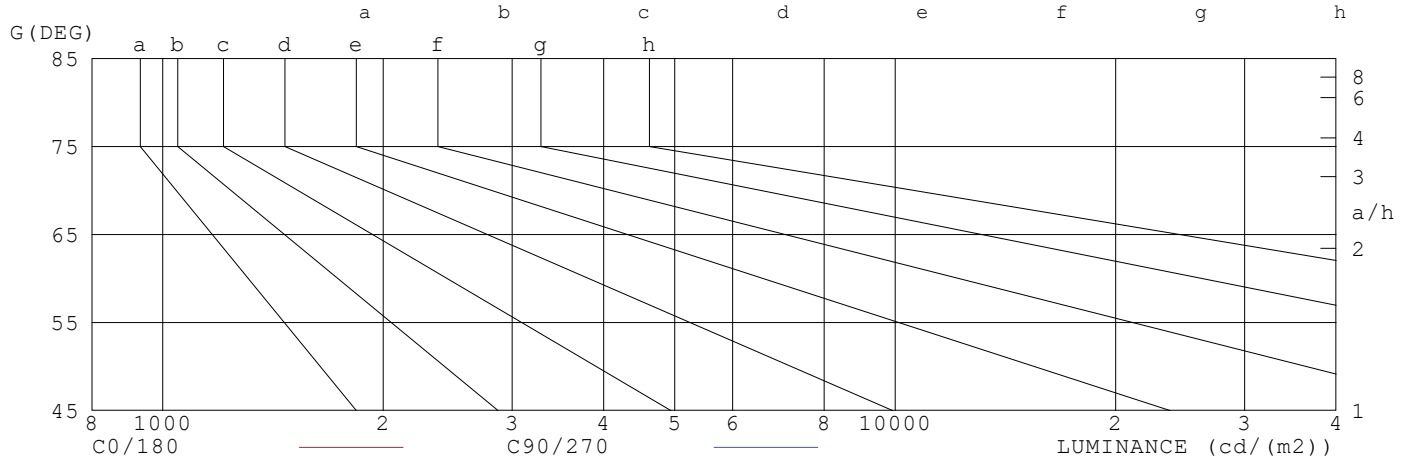
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	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	704	93
80	390	47
75	293	38
70	253	32
65	241	34
60	249	32
55	277	58
50	407	160
45	1191	1350

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

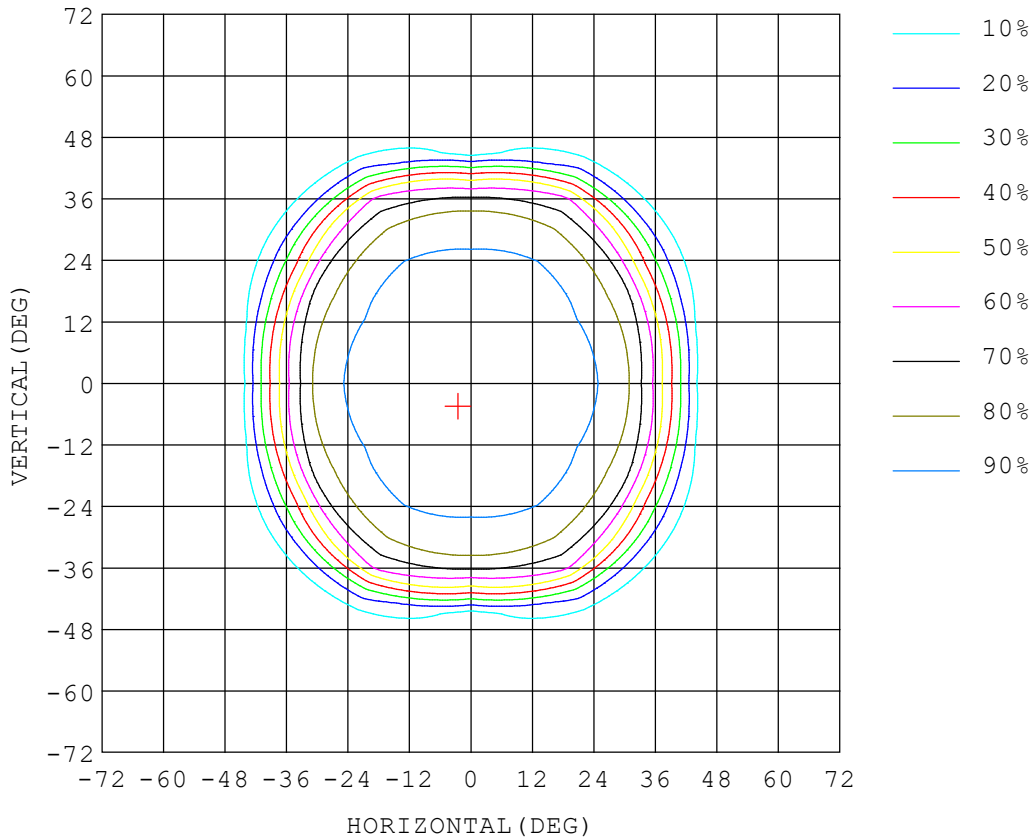
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

UNIT: cd



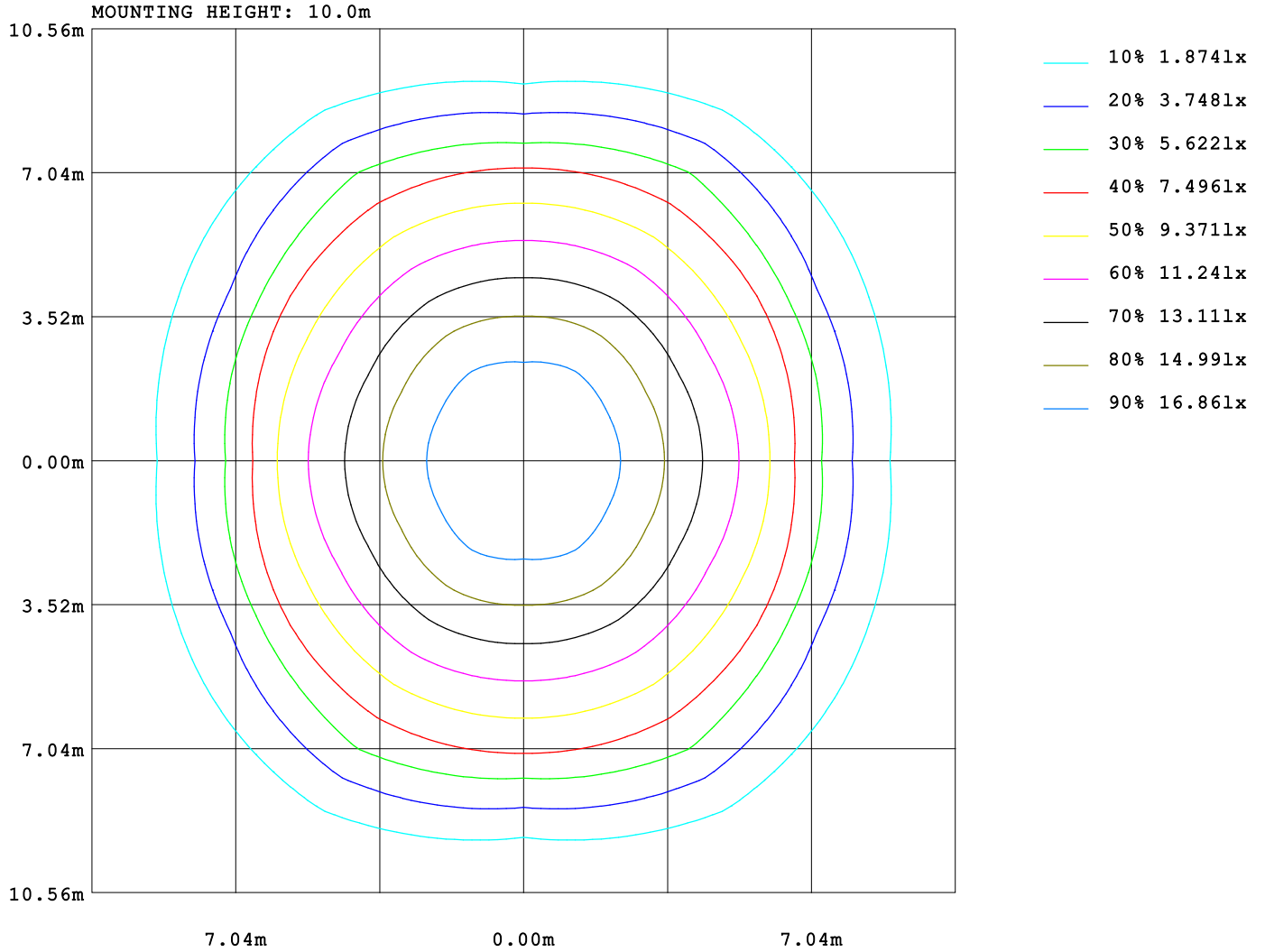
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.02	0.01	0.03	0.06	0.11	0.15	0.13	0.09	0.05	0.05	0.09	0.13	0.15	0.11	0.06	0.03	0.01	0.02	1.29		
72	0.02	0.01	0.03	0.06	0.11	0.15	0.13	0.09	0.05	0.05	0.09	0.13	0.15	0.11	0.06	0.03	0.01	0.02	1.29	0.00	
64	0.02	0.02	0.02	0.06	0.12	0.19	0.19	0.15	0.08	0.08	0.15	0.19	0.19	0.12	0.06	0.02	0.02	0.02	1.70	0.00	
56	0.03	0.02	0.02	0.07	0.15	0.30	0.42	0.42	0.35	0.35	0.42	0.42	0.30	0.15	0.07	0.02	0.02	0.03	3.55	0.00	
48	0.03	0.03	0.03	0.08	0.27	1.43	4.58	6.87	7.16	7.16	6.87	4.58	1.43	0.27	0.08	0.03	0.03	0.03	40.9	33.9	
40	0.04	0.04	0.05	0.14	1.89	8.68	18.1	23.3	25.2	25.2	23.3	18.1	8.68	1.89	0.14	0.05	0.04	0.04	155	153	
32	0.04	0.06	0.10	0.76	6.64	17.6	26.4	30.5	31.9	31.9	30.5	26.4	17.6	6.64	0.76	0.10	0.06	0.04	228	227	
24	0.05	0.08	0.16	2.12	11.4	23.4	29.7	33.2	34.5	34.5	33.2	29.7	23.4	11.4	2.12	0.16	0.08	0.05	270	267	
	0.06	0.10	0.23	3.37	15.3	26.1	31.1	34.4	35.9	35.9	34.4	31.1	26.1	15.3	3.37	0.23	0.10	0.06	294	291	
	0.06	0.12	0.30	3.87	16.8	27.3	32.0	34.9	36.2	36.2	34.9	32.0	27.3	16.8	3.87	0.30	0.12	0.06	304	301	
	0.06	0.12	0.30	3.87	16.8	27.3	32.0	34.9	36.2	36.2	34.9	32.0	27.3	16.8	3.87	0.30	0.12	0.06	304	301	
	0.06	0.10	0.23	3.37	15.3	26.1	31.1	34.4	35.9	35.9	34.4	31.1	26.1	15.3	3.37	0.23	0.10	0.06	294	291	
-24	0.05	0.08	0.16	2.12	11.4	23.4	29.7	33.2	34.5	34.5	33.2	29.7	23.4	11.4	2.12	0.16	0.08	0.05	270	267	
-32	0.04	0.06	0.10	0.76	6.64	17.6	26.4	30.5	31.9	31.9	30.5	26.4	17.6	6.64	0.76	0.10	0.06	0.04	228	227	
-40	0.04	0.04	0.05	0.14	1.89	8.68	18.1	23.3	25.2	25.2	23.3	18.1	8.68	1.89	0.14	0.05	0.04	0.04	155	153	
-48	0.03	0.03	0.03	0.08	0.27	1.43	4.58	6.87	7.16	7.16	6.87	4.58	1.43	0.27	0.08	0.03	0.03	0.03	40.9	33.9	
-56	0.03	0.02	0.02	0.07	0.15	0.30	0.42	0.42	0.35	0.35	0.42	0.42	0.30	0.15	0.07	0.02	0.02	0.03	3.55	0.00	
-64	0.02	0.02	0.02	0.06	0.12	0.19	0.19	0.15	0.08	0.08	0.15	0.19	0.19	0.12	0.06	0.02	0.02	0.02	1.70	0.00	
-72	0.02	0.01	0.03	0.06	0.11	0.15	0.13	0.09	0.05	0.05	0.09	0.13	0.15	0.11	0.06	0.03	0.01	0.02	1.29	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	0.69	0.95	1.86	21.0	106	211	286	328	343	343	328	286	211	106	21.0	1.86	0.95	0.69	2662		
Φ a	0.00	0.00	0.00	14.5	102	207	283	325	340	340	325	283	207	102	14.5	0.00	0.00	0.00		2548	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

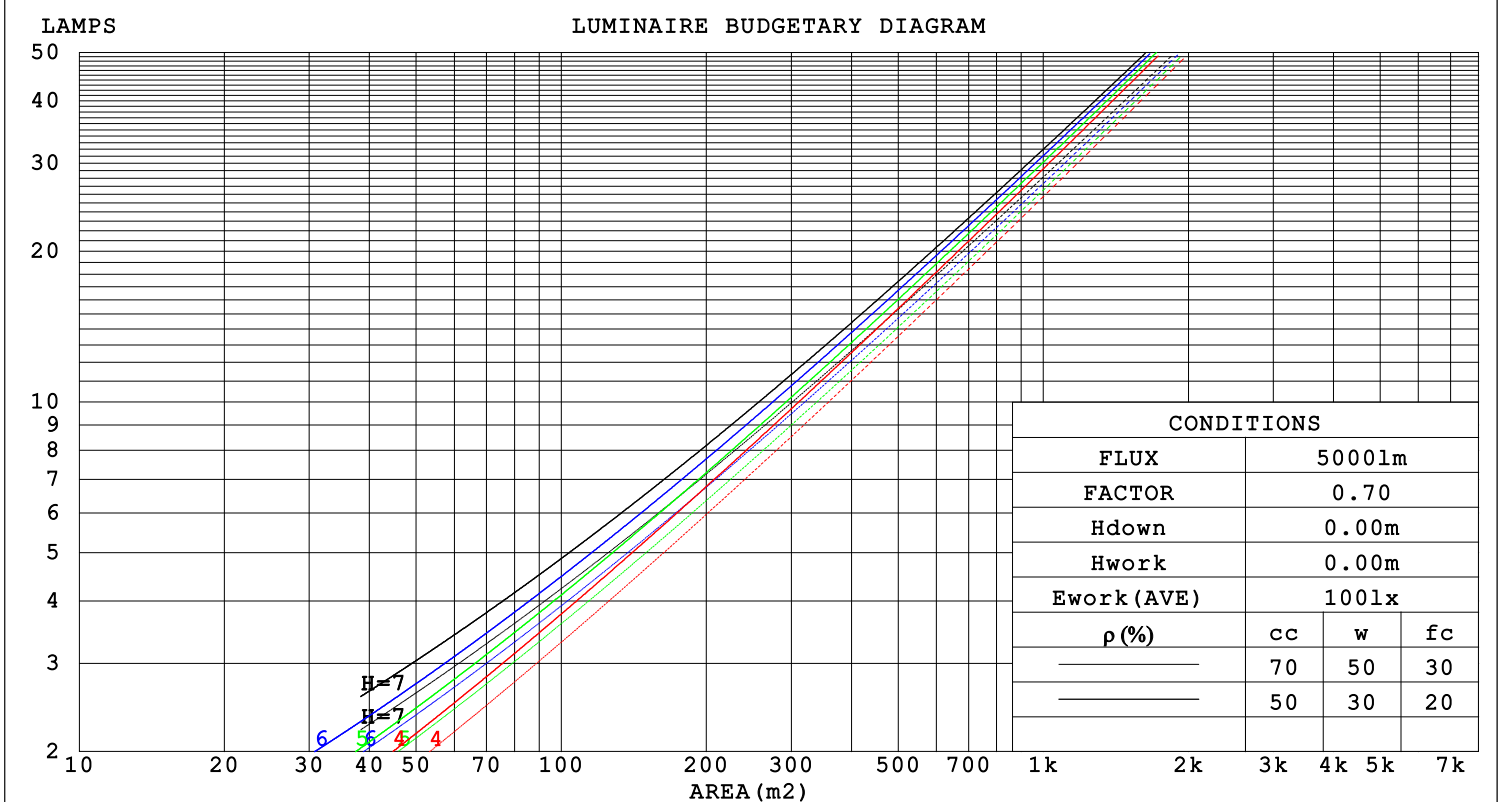
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*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	1.07	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.97	.96	.95	.94	.92	.91
2.0	1.01	.96	.93	.99	.95	.92	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3.0	.93	.88	.83	.92	.87	.82	.89	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.75	.85	.79	.75	.82	.77	.74	.80	.76	.73	.78	.74	.71	.70
5.0	.80	.73	.68	.79	.73	.68	.76	.71	.67	.74	.70	.66	.73	.69	.66	.64
6.0	.74	.67	.63	.73	.67	.62	.71	.66	.62	.69	.65	.61	.68	.64	.60	.59
7.0	.69	.62	.57	.68	.62	.57	.66	.61	.57	.65	.60	.56	.64	.59	.56	.54
8.0	.64	.57	.53	.63	.57	.53	.62	.56	.52	.61	.56	.52	.59	.55	.52	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.49	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.52	.48	.44	.43



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*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	.194	.110	.035	.186	.106	.034	.173	.099	.032	.160	.092	.030	.148	.086	.028	
2.0	.187	.102	.031	.181	.099	.031	.169	.094	.029	.158	.089	.028	.148	.084	.026	
3.0	.179	.095	.029	.173	.093	.028	.163	.088	.027	.154	.084	.026	.145	.080	.025	
4.0	.171	.089	.026	.166	.087	.026	.157	.083	.025	.149	.080	.024	.141	.077	.023	
5.0	.163	.083	.024	.159	.082	.024	.151	.079	.023	.144	.076	.023	.137	.073	.022	
6.0	.156	.078	.022	.152	.077	.022	.145	.074	.022	.139	.072	.021	.133	.070	.021	
7.0	.149	.074	.021	.146	.073	.021	.140	.071	.020	.134	.069	.020	.128	.067	.020	
8.0	.143	.070	.020	.140	.069	.019	.134	.067	.019	.129	.065	.019	.124	.063	.018	
9.0	.137	.066	.018	.134	.065	.018	.129	.064	.018	.124	.062	.018	.119	.061	.018	
10.0	.131	.063	.017	.129	.062	.017	.124	.061	.017	.119	.059	.017	.115	.058	.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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.188	.173	.159	.161	.148	.137	.110	.102	.095	.063	.059	.055	.020	.019	.018	
2.0	.174	.148	.126	.149	.128	.109	.102	.088	.076	.059	.051	.045	.019	.017	.015	
3.0	.163	.129	.103	.140	.112	.089	.096	.078	.063	.055	.045	.037	.018	.015	.012	
4.0	.153	.115	.086	.132	.099	.075	.091	.069	.053	.052	.041	.031	.017	.013	.010	
5.0	.146	.104	.073	.125	.090	.064	.086	.063	.045	.050	.037	.027	.016	.012	.009	
6.0	.139	.095	.063	.119	.082	.055	.082	.058	.039	.048	.034	.023	.015	.011	.008	
7.0	.133	.088	.056	.114	.076	.049	.079	.053	.035	.046	.031	.021	.015	.010	.007	
8.0	.127	.082	.050	.110	.071	.044	.076	.050	.031	.044	.029	.019	.014	.010	.006	
9.0	.122	.077	.046	.105	.066	.040	.073	.047	.028	.043	.028	.017	.014	.009	.006	
10.0	.118	.072	.042	.102	.063	.037	.071	.044	.026	.041	.026	.016	.013	.009	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*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	13.7	14.8	14.0	15.0	15.2	15.3	16.4	15.6	16.6	16.8
	3H	13.6	14.5	13.9	14.8	15.0	15.1	16.1	15.4	16.3	16.6
	4H	13.5	14.4	13.8	14.6	14.9	15.0	15.9	15.3	16.2	16.5
	6H	13.4	14.2	13.7	14.5	14.8	14.9	15.8	15.3	16.1	16.3
	8H	13.4	14.2	13.7	14.5	14.8	14.9	15.7	15.2	16.0	16.3
	12H	13.3	14.1	13.7	14.4	14.7	14.8	15.6	15.2	15.9	16.2
4H	2H	13.5	14.4	13.8	14.6	14.9	15.0	15.9	15.3	16.2	16.5
	3H	13.3	14.1	13.6	14.4	14.7	14.8	15.6	15.2	15.9	16.2
	4H	13.2	13.9	13.6	14.2	14.6	14.8	15.4	15.1	15.8	16.1
	6H	13.1	13.7	13.5	14.1	14.5	14.7	15.3	15.1	15.6	16.0
	8H	13.1	13.6	13.5	14.0	14.4	14.6	15.2	15.0	15.6	16.0
	12H	13.1	13.6	13.5	14.0	14.4	14.6	15.1	15.0	15.5	15.9
8H	4H	13.1	13.6	13.5	14.0	14.4	14.6	15.2	15.0	15.6	16.0
	6H	13.0	13.4	13.4	13.9	14.3	14.5	15.0	15.0	15.4	15.9
	8H	12.9	13.3	13.4	13.8	14.3	14.5	14.9	15.0	15.3	15.8
	12H	12.9	13.3	13.4	13.8	14.3	14.4	14.8	14.9	15.3	15.8
12H	4H	13.0	13.5	13.4	13.9	14.4	14.6	15.1	15.0	15.5	15.9
	6H	12.9	13.3	13.4	13.8	14.3	14.5	14.9	15.0	15.3	15.8
	8H	12.9	13.2	13.4	13.7	14.2	14.4	14.8	14.9	15.3	15.8

Variations with the observer position at spacings:		
S = 1.0H	+ 2.9 / -13.8	+ 2.8 / -15.3
1.5H	+ 5.7 / -14.2	+ 5.6 / -15.5
2.0H	+ 5.8 / - 1.8	+ 5.5 / - 2.0

CIE Pub.117 Corrected 2662 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*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	83	76	72	82	76	72	81	75	71	67
0.80	91	84	80	90	84	80	89	83	80	75
1.00	96	90	86	95	89	86	93	89	85	81
1.25	101	95	91	99	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	105	101	107	103	100	103	100	98	92
3.00	110	107	104	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	106	104	102	95
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			

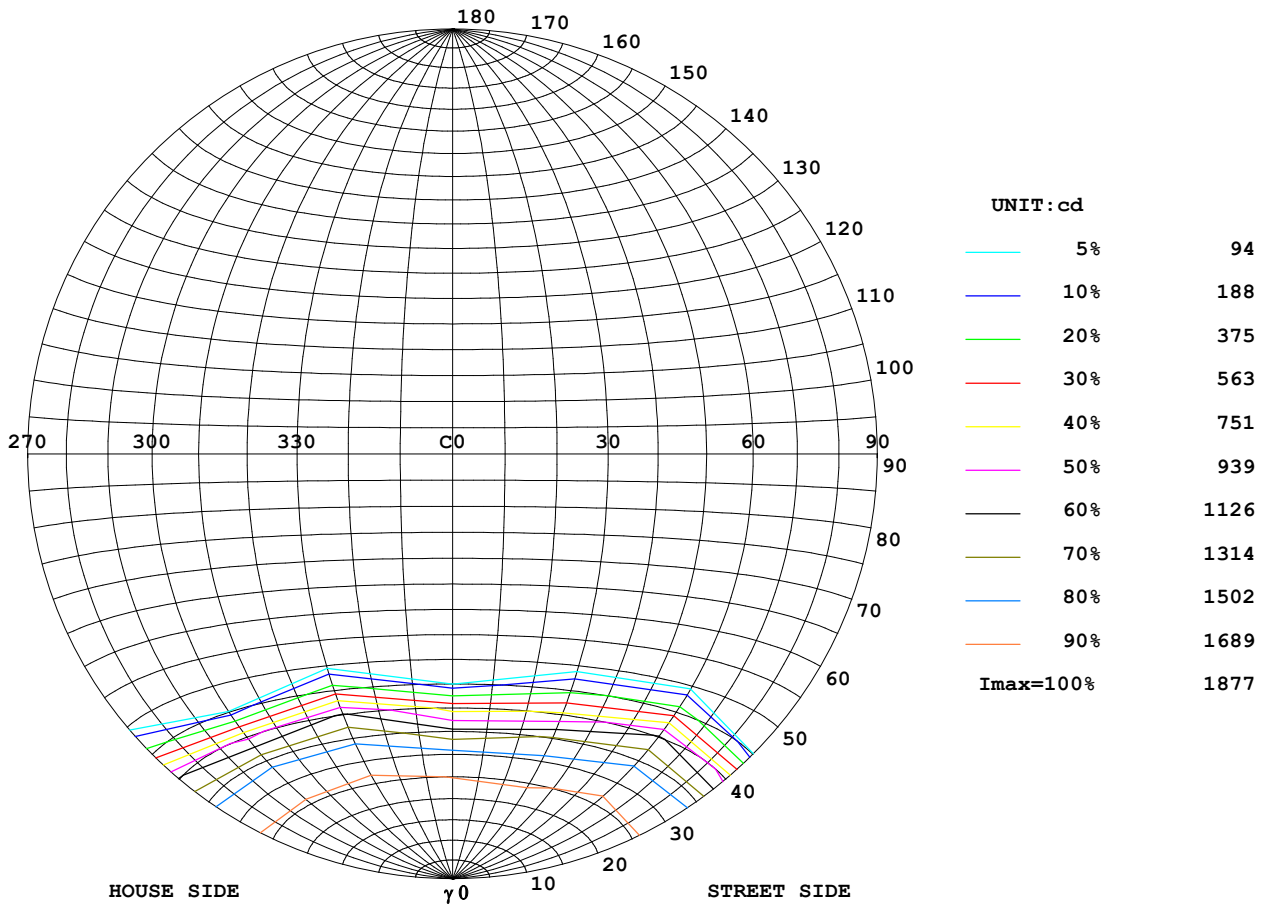
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

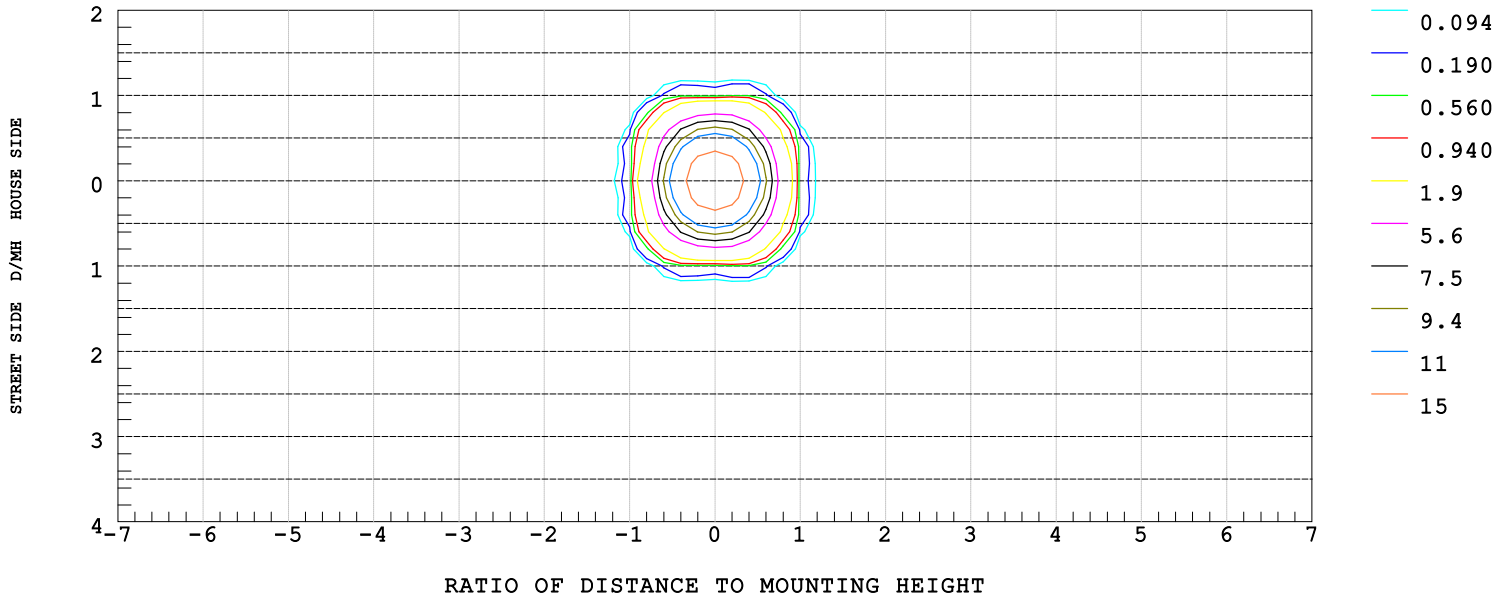
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 18.74 lx



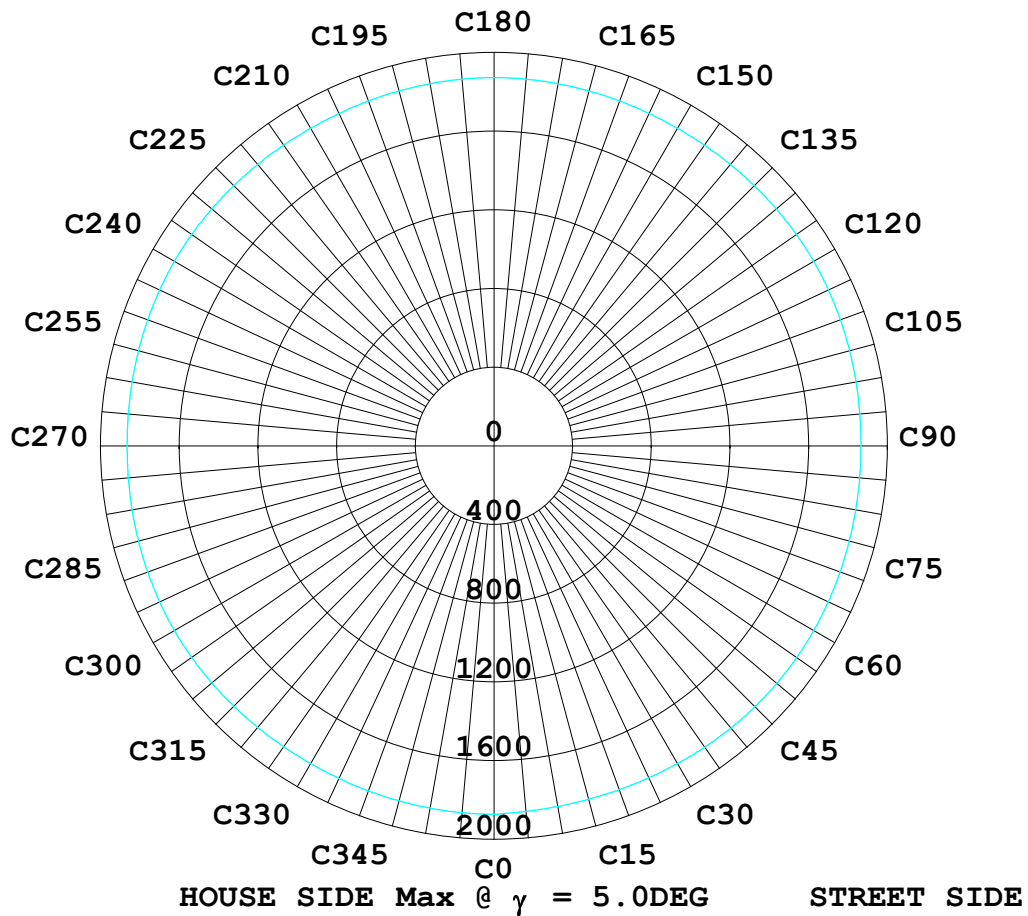
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700k

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-5-2-3	TYPE: .5W 5700K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1874	1863	1869	1860	1869	1863	1874	1863	1869	1860	1869	1863
5.0	1873	1864	1877	1865	1877	1864	1873	1864	1877	1865	1877	1864
10.0	1855	1851	1869	1856	1869	1851	1855	1851	1869	1856	1869	1851
15.0	1819	1818	1848	1827	1848	1818	1819	1818	1848	1827	1848	1818
20.0	1764	1758	1799	1784	1799	1758	1764	1758	1799	1784	1799	1758
25.0	1686	1673	1727	1711	1727	1673	1686	1673	1727	1711	1727	1673
30.0	1574	1557	1627	1611	1627	1557	1574	1557	1627	1611	1627	1557
35.0	1172	1335	1463	1459	1463	1335	1172	1335	1463	1459	1463	1335
40.0	669	787	1147	886	1147	787	669	787	1147	886	1147	787
45.0	84.2	334	464	95.4	464	334	84.2	334	464	95.4	464	334
50.0	26.1	21.2	48.2	10.2	48.2	21.2	26.1	21.2	48.2	10.2	48.2	21.2
55.0	15.8	5.86	22.1	3.33	22.1	5.86	15.8	5.86	22.1	3.33	22.1	5.86
60.0	12.4	1.80	14.4	1.62	14.4	1.80	12.4	1.80	14.4	1.62	14.4	1.80
65.0	10.1	1.26	11.1	1.44	11.1	1.26	10.1	1.26	11.1	1.44	11.1	1.26
70.0	8.66	0.99	9.29	1.08	9.29	0.99	8.66	0.99	9.29	1.08	9.29	0.99
75.0	7.58	0.90	8.12	0.99	8.12	0.90	7.58	0.90	8.12	0.99	8.12	0.90
80.0	6.76	0.81	7.12	0.81	7.12	0.81	6.76	0.81	7.12	0.81	7.12	0.81
85.0	6.13	0.90	6.40	0.81	6.40	0.90	6.13	0.90	6.40	0.81	6.40	0.90
90.0	5.77	1.08	5.95	0.90	5.95	1.08	5.77	1.08	5.95	0.90	5.95	1.08
95.0	5.68	1.35	5.59	0.99	5.59	1.35	5.68	1.35	5.59	0.99	5.59	1.35
100.0	5.59	1.80	5.41	1.26	5.41	1.80	5.59	1.80	5.41	1.26	5.41	1.80
105.0	6.13	2.52	5.59	1.80	5.59	2.52	6.13	2.52	5.59	1.80	5.59	2.52
110.0	6.67	3.42	6.13	2.61	6.13	3.42	6.67	3.42	6.13	2.61	6.13	3.42
115.0	7.58	4.42	6.76	3.70	6.76	4.42	7.58	4.42	6.76	3.70	6.76	4.42
120.0	8.66	5.86	7.85	5.14	7.85	5.86	8.66	5.86	7.85	5.14	7.85	5.86
125.0	10.0	7.22	9.02	6.67	9.02	7.22	10.0	7.22	9.02	6.67	9.02	7.22
130.0	11.2	8.66	10.4	8.39	10.4	8.66	11.2	8.66	10.4	8.39	10.4	8.66
135.0	12.7	10.1	11.8	10.1	11.8	10.1	12.7	10.1	11.8	10.1	11.8	10.1
140.0	13.9	11.6	13.0	11.7	13.0	11.6	13.9	11.6	13.0	11.7	13.0	11.6
145.0	15.3	13.1	14.2	13.1	14.2	13.1	15.3	13.1	14.2	13.1	14.2	13.1
150.0	16.6	14.7	15.7	14.6	15.7	14.7	16.6	14.7	15.7	14.6	15.7	14.7
155.0	18.3	16.4	17.2	15.9	17.2	16.4	18.3	16.4	17.2	15.9	17.2	16.4
160.0	19.7	18.0	18.7	17.6	18.7	18.0	19.7	18.0	18.7	17.6	18.7	18.0
165.0	21.3	19.8	20.3	19.4	20.3	19.8	21.3	19.8	20.3	19.4	20.3	19.8
170.0	22.9	21.3	21.8	21.1	21.8	21.3	22.9	21.3	21.8	21.1	21.8	21.3
175.0	24.0	22.6	23.1	22.8	23.1	22.6	24.0	22.6	23.1	22.8	23.1	22.6
180.0	24.5	23.4	24.0	23.8	24.0	23.4	24.5	23.4	24.0	23.8	24.0	23.4

Test System:HOPOO HPG1800
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