

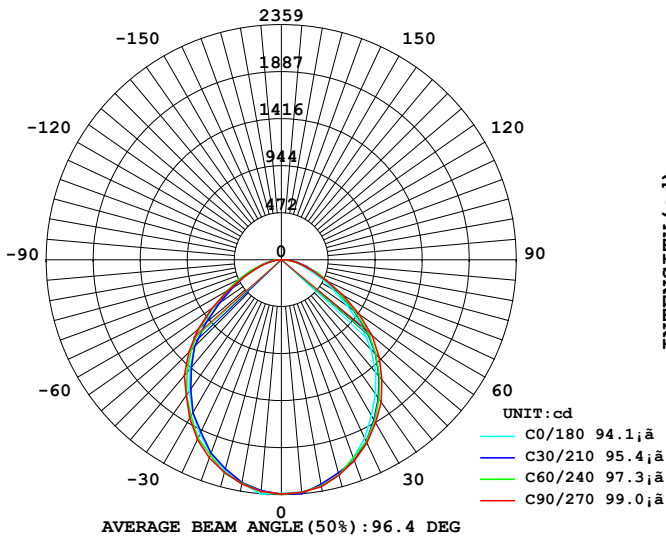
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

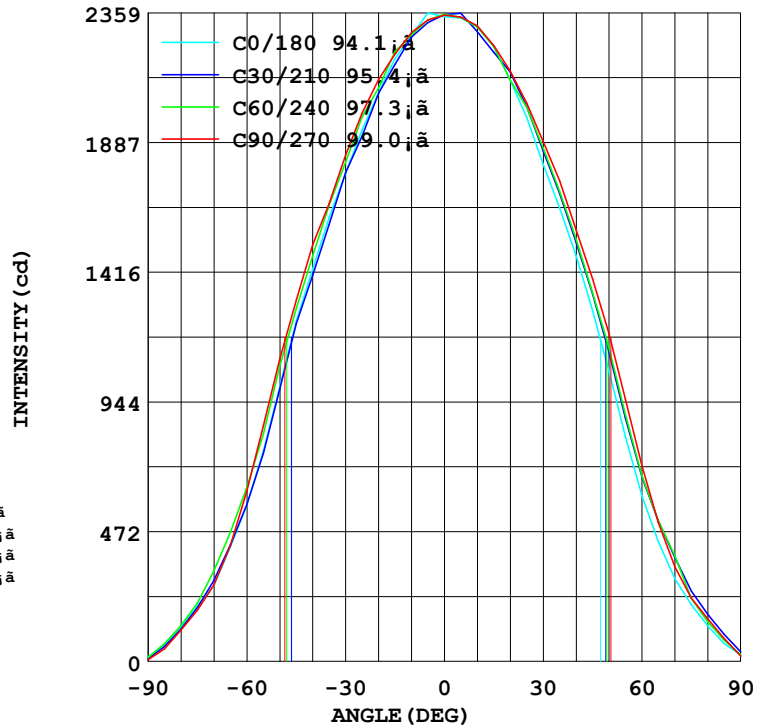
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

DATA OF LAMP		Imax (cd)	2359	S/MH (C0/180)	1.14
MODEL	1030-1-2-5-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.17
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	5341.3	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	132.1	Current (A)	0.188
NOMINAL FLUX (lm)	5341.3	η up (%)	0.0	Power (W)	40.43
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.991
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	5155.9	EET	0.107

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

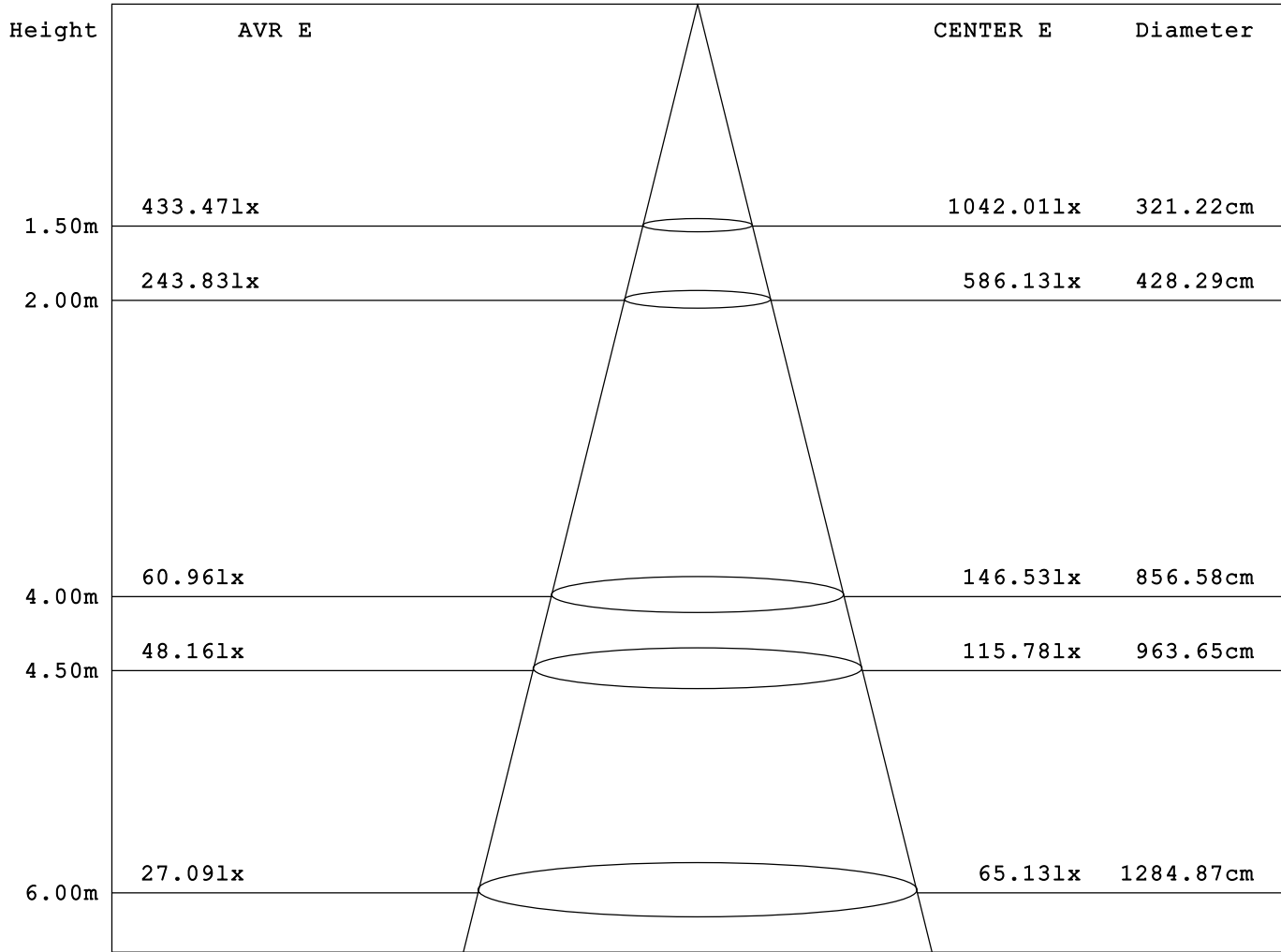
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:



Angle:93.9deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2276	2276	2288	2283	2310	2299	2312	2295	0- 10	221.7	221.7
20.0	2069	2077	2116	2097	2115	2130	2148	2126	10- 20	623.9	845.6
30.0	1777	1797	1842	1817	1809	1864	1892	1827	20- 30	910.9	1757
40.0	1427	1440	1514	1472	1476	1531	1571	1492	30- 40	1040	2797
50.0	997.9	1032	1100	1059	1056	1133	1193	1102	40- 50	996.7	3794
60.0	569.1	600.9	618.9	620.6	602.2	672.7	711.8	653.9	50- 60	760.8	4555
70.0	275.5	311.2	277.0	325.0	301.4	380.9	343.9	349.4	60- 70	468.8	5023
80.0	123.0	123.6	113.7	131.4	128.2	156.6	154.3	148.0	70- 80	237.4	5261
90.0	17.41	12.13	6.859	13.22	24.27	29.33	19.58	24.50	80- 90	80.52	5341
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
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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

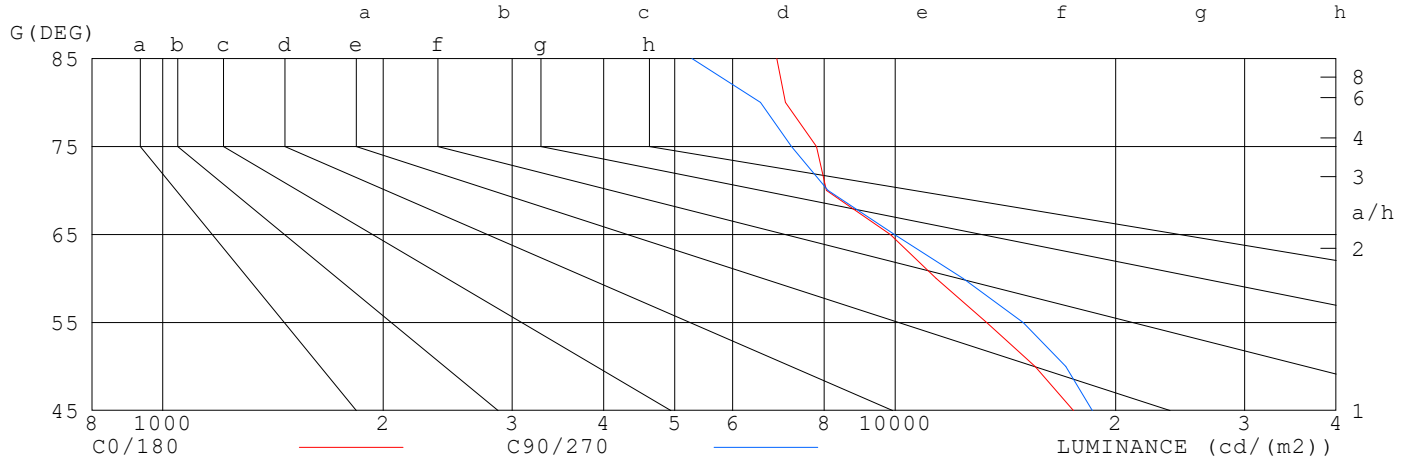
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*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	6896	5281
80	7084	6549
75	7807	7218
70	8056	8101
65	9849	9986
60	11382	12379
55	13335	14953
50	15526	17107
45	17518	18594

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

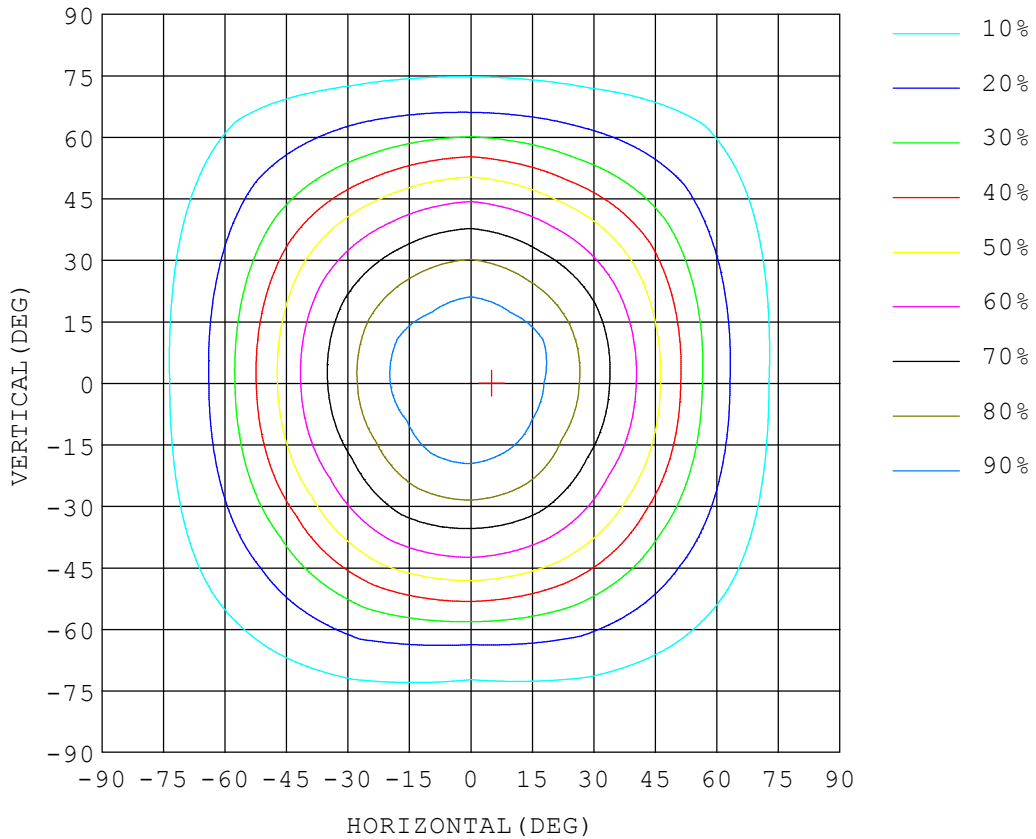
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

UNIT: cd



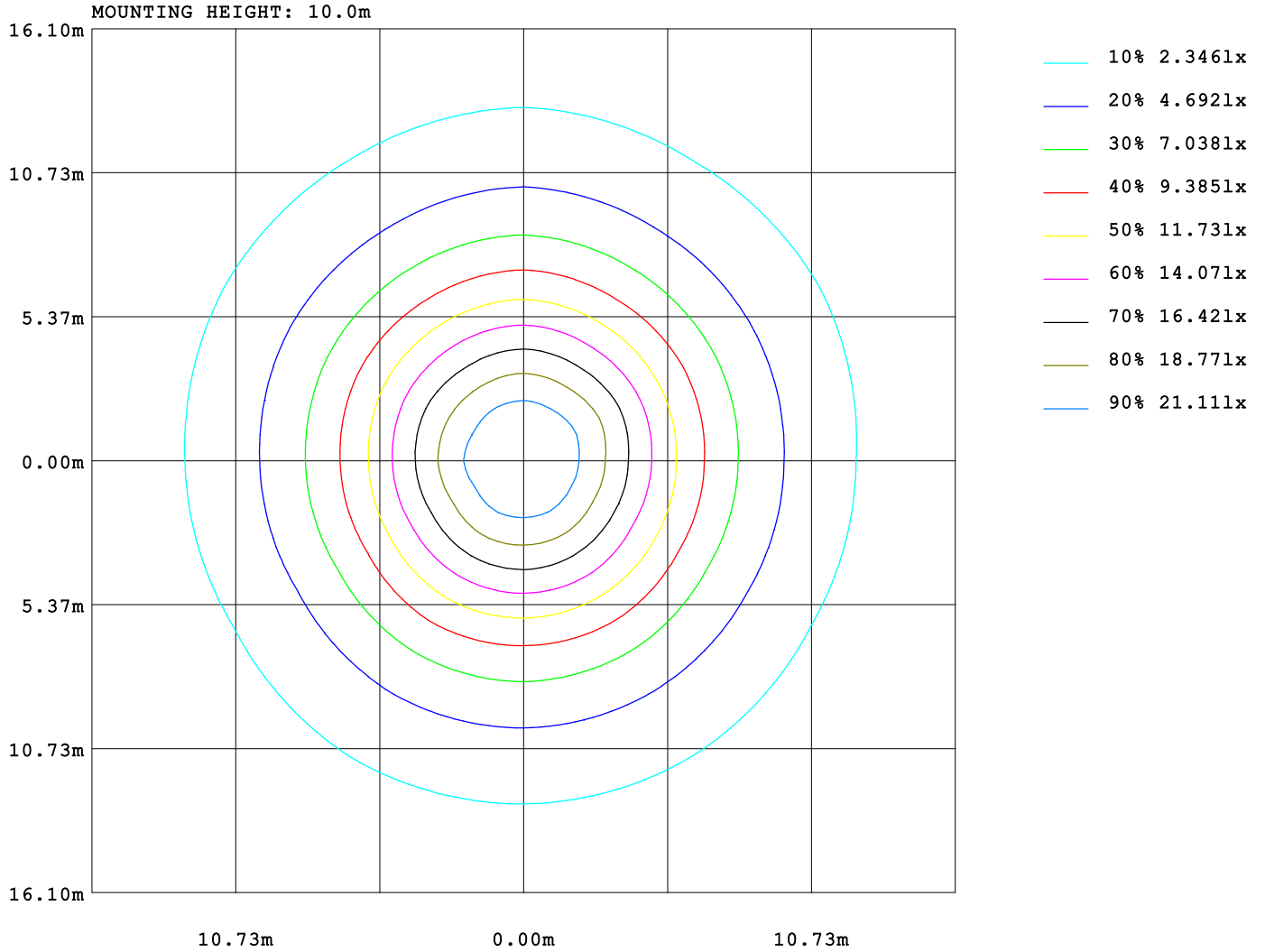
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.08	0.34	0.75	1.19	1.52	1.79	2.06	2.36	2.54	2.50	2.25	1.91	1.63	1.39	1.09	0.68	0.30	0.07	24.5	0.00	
90	0.11	0.56	1.42	2.55	3.64	4.72	5.85	6.80	7.25	7.15	6.54	5.52	4.46	3.44	2.41	1.34	0.52	0.10	64.4	21.1	
80	0.14	0.79	2.16	4.20	6.70	9.61	12.3	14.3	15.5	15.3	13.8	11.5	8.88	6.29	4.01	2.06	0.75	0.12	129	117	
70	0.16	1.03	2.96	6.26	10.4	15.2	20.4	25.2	28.2	28.1	24.7	19.8	14.7	10.0	5.98	2.84	0.98	0.15	218	212	
60	0.18	1.26	3.80	8.35	14.7	22.7	30.9	37.4	41.3	41.1	36.8	30.1	22.1	14.2	8.05	3.62	1.20	0.17	318	315	
50	0.20	1.45	4.59	10.4	19.5	30.2	39.9	47.5	52.0	51.7	46.8	39.0	29.4	18.9	10.0	4.35	1.40	0.19	408	405	
40	0.22	1.61	5.23	12.3	23.6	35.9	47.0	55.6	60.6	60.4	54.9	46.1	34.8	22.8	11.8	4.97	1.55	0.21	480	478	
30	0.23	1.71	5.68	13.8	26.2	39.5	52.0	61.6	66.9	66.8	61.3	50.9	38.5	25.3	13.1	5.39	1.63	0.22	531	529	
20	0.23	1.74	5.84	14.5	27.4	41.0	54.2	64.7	70.2	70.1	64.4	53.2	40.0	26.4	13.7	5.53	1.65	0.22	556	553	
10	0.23	1.72	5.77	14.3	27.0	40.5	53.6	64.1	69.8	69.7	63.3	52.5	39.6	26.1	13.4	5.46	1.63	0.22	550	547	
0	0.22	1.65	5.45	13.2	25.2	38.1	50.3	60.5	66.3	66.1	59.9	49.6	37.2	24.5	12.5	5.17	1.57	0.21	518	516	
-10	0.21	1.52	4.87	11.4	21.9	33.9	45.3	54.7	59.6	59.4	54.1	44.6	33.2	21.2	10.9	4.63	1.46	0.20	464	461	
-20	0.19	1.34	4.12	9.34	17.4	28.2	38.6	46.4	50.2	50.0	45.7	37.8	27.7	16.9	9.02	3.92	1.28	0.18	389	386	
-30	0.17	1.12	3.30	7.19	13.0	21.0	29.6	36.0	39.3	39.1	35.4	28.9	20.4	12.6	6.95	3.15	1.07	0.16	299	294	
-40	0.14	0.89	2.49	5.14	9.17	14.2	19.5	23.5	25.7	25.6	23.0	18.8	13.7	8.86	4.95	2.38	0.84	0.13	199	192	
-50	0.12	0.64	1.71	3.37	5.71	8.63	11.3	12.8	13.3	13.2	12.5	10.9	8.25	5.47	3.21	1.62	0.60	0.11	114	99.9	
-60	0.10	0.42	1.01	1.90	3.06	4.34	5.43	5.93	5.96	5.90	5.77	5.19	4.12	2.88	1.77	0.94	0.38	0.08	55.2	12.8	
-70	0.07	0.23	0.43	0.71	1.10	1.52	1.78	1.80	1.70	1.67	1.72	1.65	1.39	1.00	0.65	0.39	0.20	0.06	18.1	0.00	
-80																					
-90																					
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90				
Φ t	3.01	20.0	61.6	140	258	392	521	622	677	674	614	509	381	249	134	58.5	19.0	2.77	5341		
Φ a	0.00	4.58	49.0	129	247	381	510	611	666	663	603	498	370	238	122	45.5	3.49	0.00		5156	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

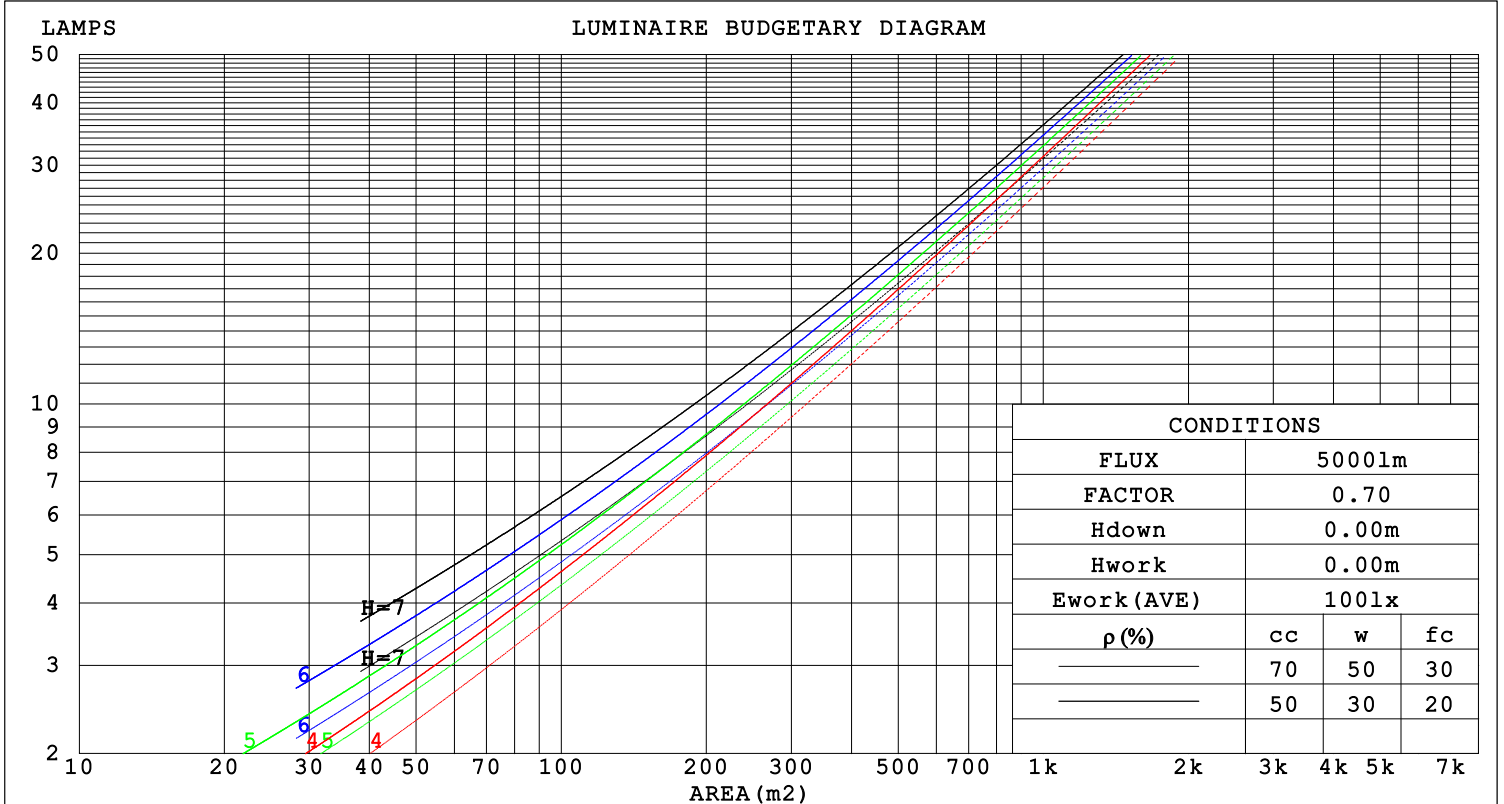
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.05	1.02	.98	1.03	.90	.96	.99	.96	.93	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.85	.81	.77	.82	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.67	.76	.71	.66	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.59	.70	.64	.58	.68	.62	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.66	.58	.52	.64	.57	.51	.62	.55	.51	.60	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.46	.58	.51	.45	.56	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.54	.46	.41	.53	.46	.40	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.37	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.39	.33	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.31
10.0	.43	.35	.30	.42	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.28



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	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	.279	.159	.050	.272	.155	.049	.259	.149	.048	.247	.143	.046	.236	.137	.044	
2.0	.265	.145	.045	.259	.143	.044	.248	.138	.043	.237	.133	.042	.227	.129	.041	
3.0	.248	.132	.040	.243	.130	.039	.232	.126	.038	.223	.122	.037	.214	.119	.037	
4.0	.231	.120	.035	.226	.118	.035	.217	.115	.034	.209	.112	.034	.201	.109	.033	
5.0	.215	.110	.032	.211	.108	.032	.203	.106	.031	.196	.103	.031	.189	.101	.030	
6.0	.201	.101	.029	.197	.100	.029	.190	.097	.028	.184	.095	.028	.177	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.179	.090	.026	.173	.089	.026	.167	.087	.026	
8.0	.177	.086	.024	.174	.086	.024	.168	.084	.024	.163	.082	.024	.158	.081	.024	
9.0	.166	.080	.022	.164	.080	.022	.159	.078	.022	.154	.077	.022	.149	.076	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.073	.021	.146	.072	.021	.142	.071	.020	

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	.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	.081	.060	.053	.047	.019	.017	.015	
2.0	.169	.132	.101	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.077	.137	.098	.067	.094	.068	.047	.054	.040	.028	.018	.013	.009	
4.0	.152	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.124	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.081	.041	.119	.071	.036	.082	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.075	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.075	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.059	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*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	21.2	22.6	21.4	22.8	23.0	21.7	23.1	21.9	23.3	23.5
	3H	21.9	23.2	22.2	23.4	23.7	22.4	23.7	22.6	23.9	24.1
	4H	22.2	23.5	22.6	23.7	24.0	22.6	23.9	22.9	24.1	24.3
	6H	22.5	23.6	22.8	23.9	24.2	22.8	24.0	23.1	24.2	24.5
	8H	22.5	23.7	22.9	23.9	24.2	22.8	23.9	23.2	24.2	24.5
	12H	22.6	23.7	22.9	24.0	24.3	22.8	23.9	23.2	24.2	24.5
4H	2H	21.6	22.8	21.9	23.1	23.3	22.0	23.2	22.3	23.5	23.7
	3H	22.5	23.6	22.8	23.9	24.2	22.9	24.0	23.2	24.2	24.5
	4H	22.9	23.9	23.3	24.2	24.5	23.3	24.2	23.6	24.6	24.9
	6H	23.3	24.1	23.7	24.5	24.8	23.6	24.4	23.9	24.8	25.1
	8H	23.4	24.2	23.8	24.5	24.9	23.6	24.4	24.0	24.8	25.2
	12H	23.5	24.2	23.9	24.6	25.0	23.7	24.4	24.1	24.8	25.2
8H	4H	23.1	23.9	23.5	24.2	24.6	23.4	24.2	23.8	24.6	24.9
	6H	23.5	24.2	24.0	24.6	25.0	23.8	24.5	24.2	24.9	25.3
	8H	23.7	24.3	24.1	24.7	25.2	23.9	24.5	24.4	25.0	25.4
	12H	23.8	24.3	24.3	24.8	25.3	24.1	24.6	24.5	25.0	25.5
12H	4H	23.1	23.8	23.5	24.2	24.6	23.4	24.1	23.8	24.5	24.9
	6H	23.5	24.1	24.0	24.6	25.0	23.8	24.4	24.3	24.8	25.3
	8H	23.8	24.3	24.2	24.7	25.2	24.0	24.5	24.5	25.0	25.4

Variations with the observer position at spacings:		
S = 1.0H	+ 0.4 / - 0.4	+ 0.3 / - 0.3
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.7 / - 0.6	+ 0.7 / - 0.9

CIE Pub.117 Corrected 5341 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*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	62	51	44	61	51	44	60	50	44	38
0.80	72	61	54	71	61	54	69	60	54	47
1.00	80	70	63	79	70	63	77	71	63	56
1.25	87	78	71	86	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	96	90	86	78
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	105	101	97	101	98	94	86
5.00	110	106	102	107	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

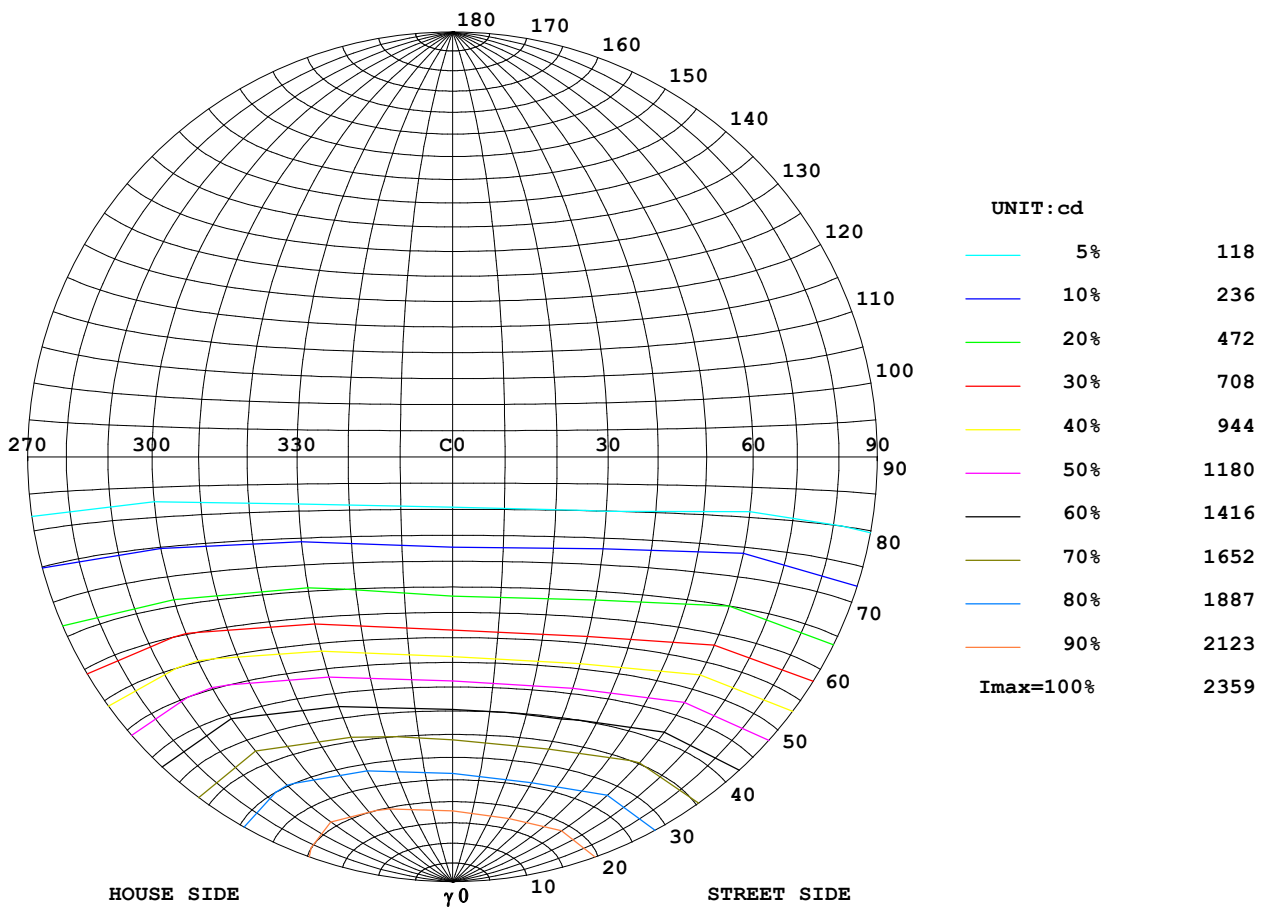
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

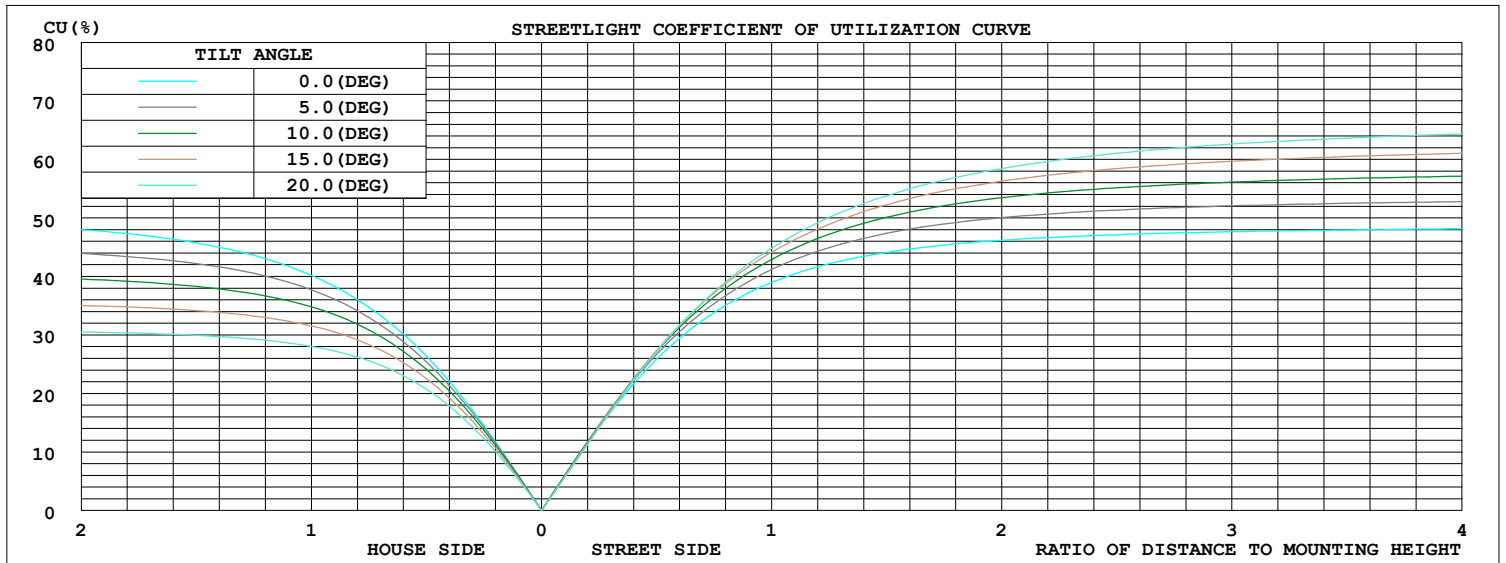
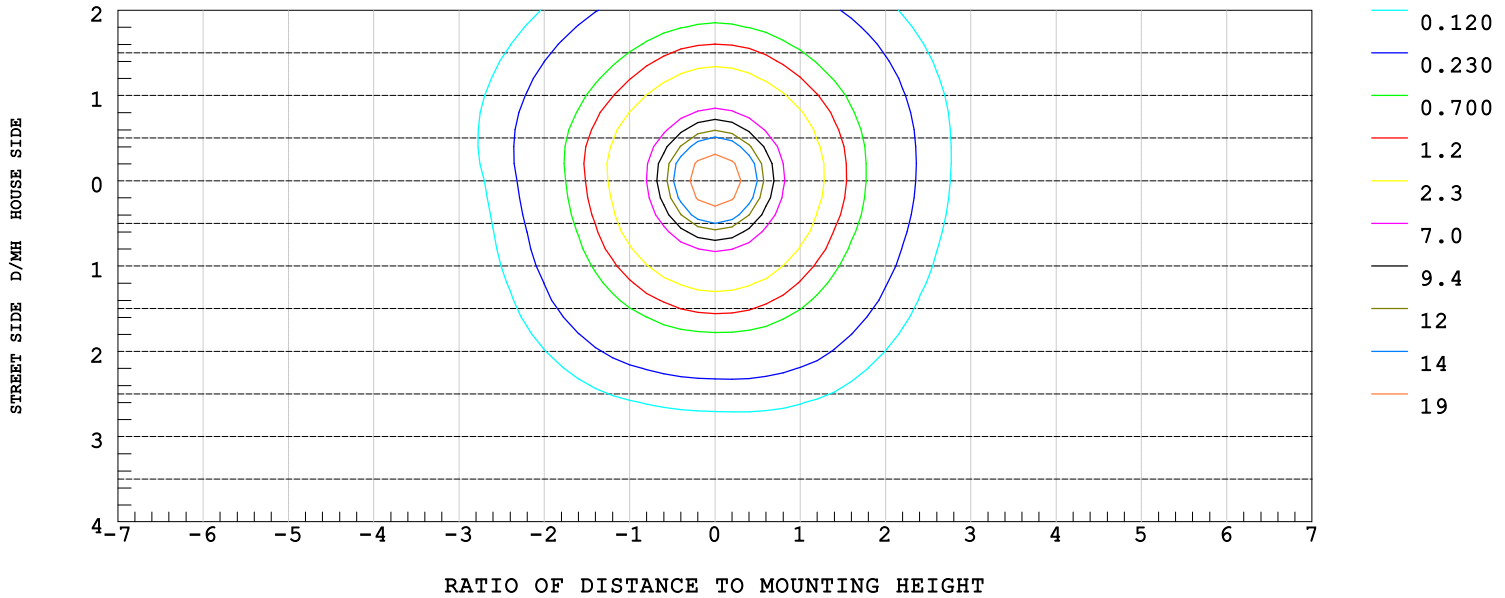
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 23.45 lx



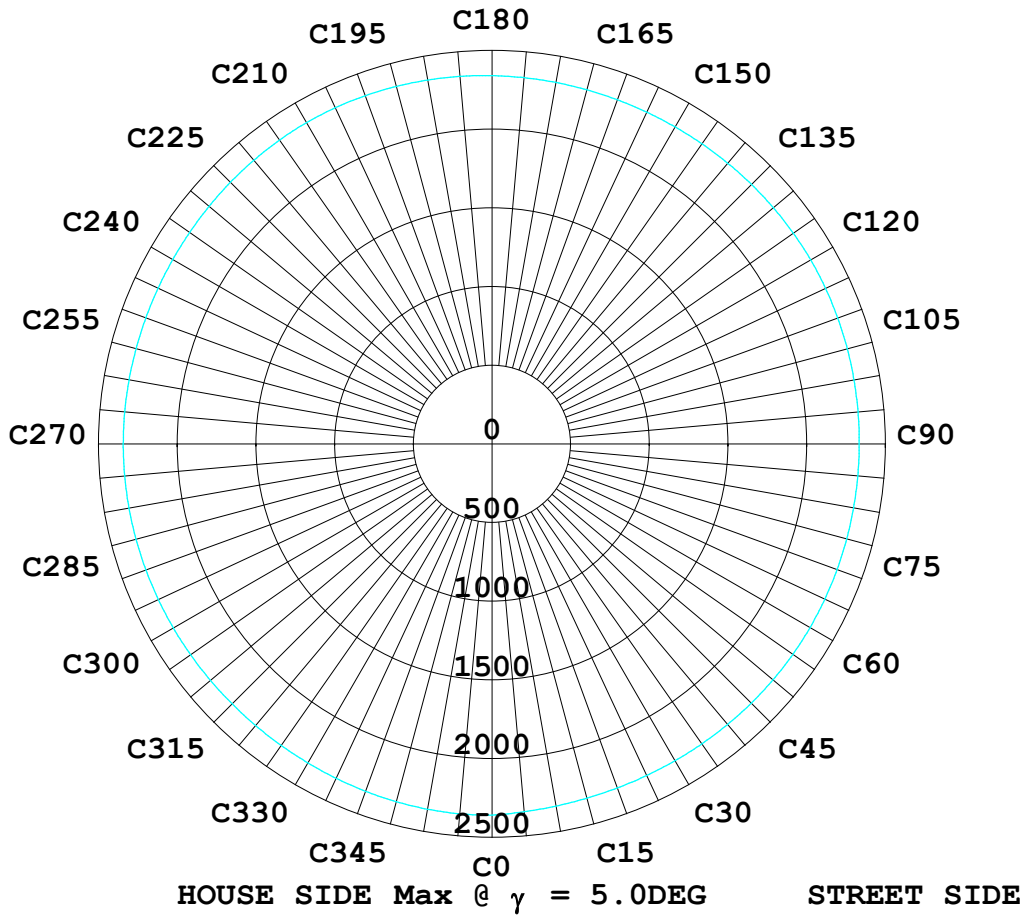
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-14-2023

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: 1030-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*145*45	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2345	2353	2354	2351	2353	2349	2345	2353	2354	2351	2353	2349
5.0	2359	2324	2333	2333	2338	2326	2340	2358	2343	2344	2339	2340
10.0	2276	2272	2279	2288	2291	2276	2310	2291	2307	2312	2297	2293
15.0	2193	2172	2218	2209	2223	2190	2237	2216	2236	2240	2222	2249
20.0	2069	2067	2087	2116	2114	2080	2115	2144	2116	2148	2117	2136
25.0	1932	1910	1979	1993	1987	1952	1978	2018	2016	2031	1990	1987
30.0	1777	1778	1816	1842	1844	1790	1809	1858	1869	1892	1843	1811
35.0	1613	1588	1659	1664	1681	1613	1649	1701	1710	1747	1682	1670
40.0	1427	1404	1476	1514	1502	1441	1476	1526	1537	1571	1506	1478
45.0	1239	1230	1285	1315	1315	1241	1276	1335	1341	1390	1313	1287
50.0	998	990	1074	1100	1102	1015	1056	1125	1141	1193	1110	1093
55.0	765	757	827	858	860	783	818	886	899	955	868	864
60.0	569	570	632	619	656	585	602	671	675	712	655	653
65.0	416	424	470	422	490	436	436	511	511	505	491	496
70.0	276	294	328	277	345	305	301	378	384	344	338	361
75.0	202	196	212	187	223	205	207	257	230	230	219	246
80.0	123	117	130	114	138	125	128	170	143	154	135	161
85.0	60.1	54.6	64.7	46.0	71.8	60.1	64.0	97.8	77.0	83.1	70.2	91.3
90.0	17.4	10.1	14.1	6.85	15.5	10.9	24.2	34.8	23.8	19.5	18.5	30.5

Test System:HOPOO HPG1800
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