

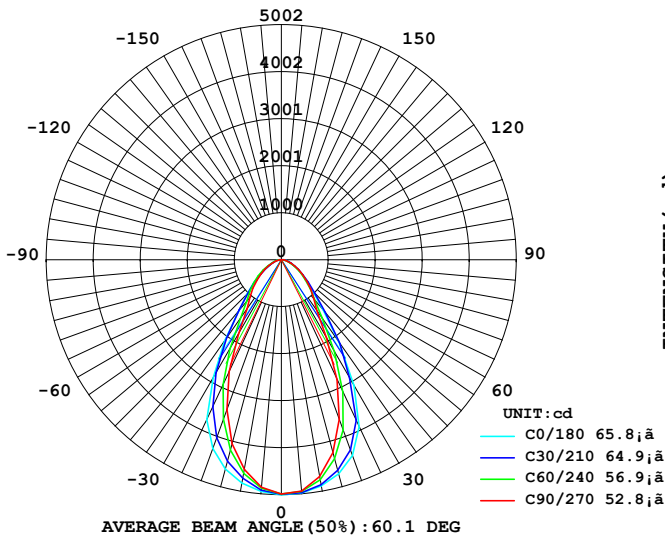
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

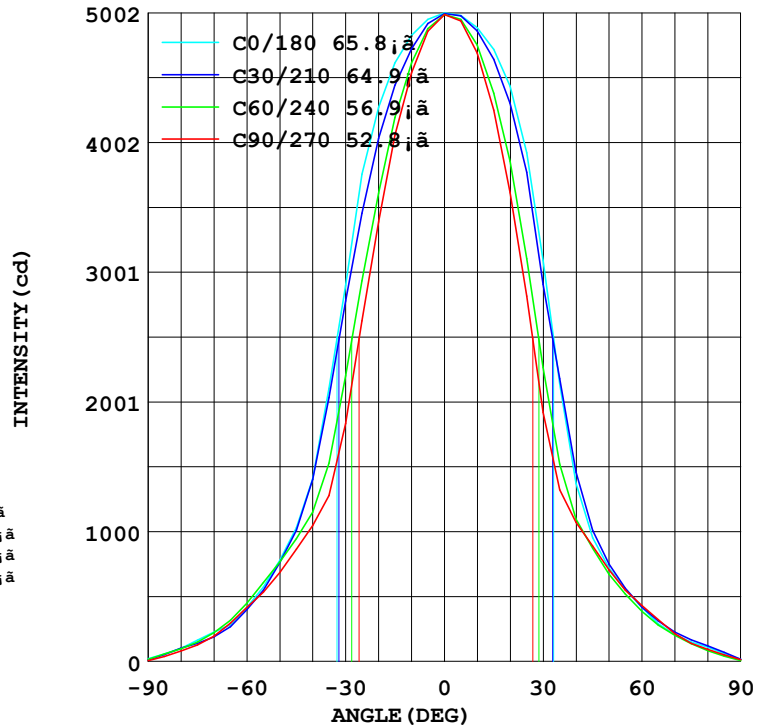
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

DATA OF LAMP		Imax (cd)	5038	S/MH (C0/180)	0.96
MODEL	1027-1-2-5-2-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.80
NOMINAL POWER (W)	50	TOTAL FLUX (lm)	6094.7	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	120.9	Current (A)	0.248
NOMINAL FLUX (lm)	6094.8	η up (%)	0.0	Power (W)	50.43
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	5391.3	EET	0.127

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

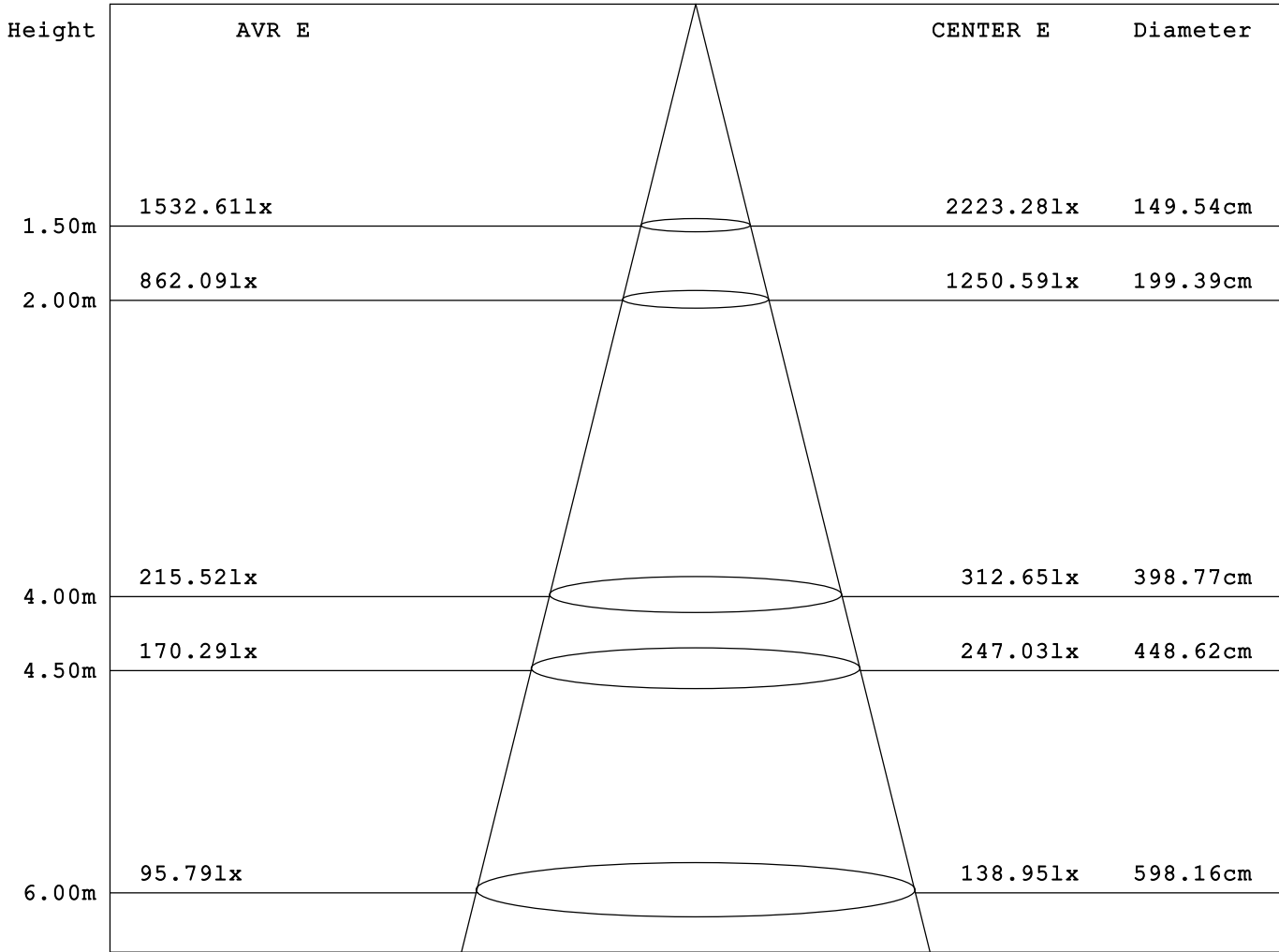
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:



Angle: 53.0deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	4827	4671	4540	4732	4889	4809	4692	4762	0- 10	464.8	464.8
20.0	4274	3822	3390	3911	4436	4080	3614	4008	10- 20	1232	1697
30.0	2902	2491	1836	2464	3093	2588	1921	2584	20- 30	1494	3191
40.0	1408	1277	1048	1189	1374	1278	1073	1308	30- 40	1134	4325
50.0	778.9	763.5	683.7	699.0	720.4	712.1	706.8	774.6	40- 50	745.9	5070
60.0	415.1	423.8	415.1	401.1	415.7	402.7	431.0	421.7	50- 60	505.2	5576
70.0	224.7	204.4	194.7	212.8	205.5	212.8	213.6	203.8	60- 70	300.0	5876
80.0	99.90	99.86	80.86	99.13	109.1	100.8	92.59	102.2	70- 80	158.9	6035
90.0	20.57	13.49	6.046	10.42	15.25	11.50	13.26	16.87	80- 90	59.99	6095
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:06-07-2023

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

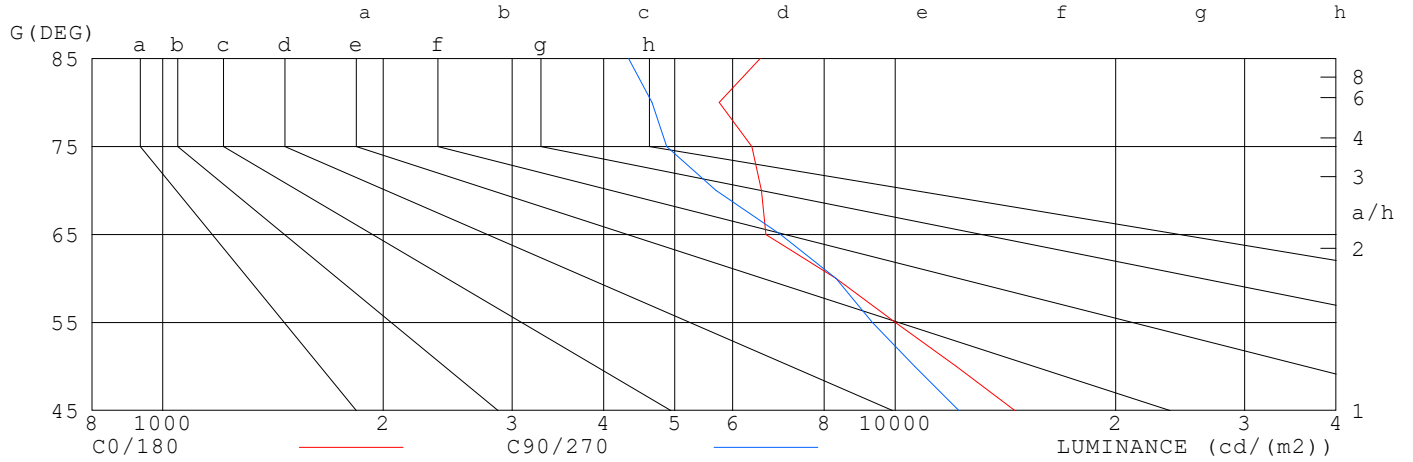
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	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	6544	4328
80	5753	4657
75	6374	4878
70	6570	5694
65	6663	6977
60	8303	8303
55	10014	9310
50	12118	10637
45	14571	12223

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

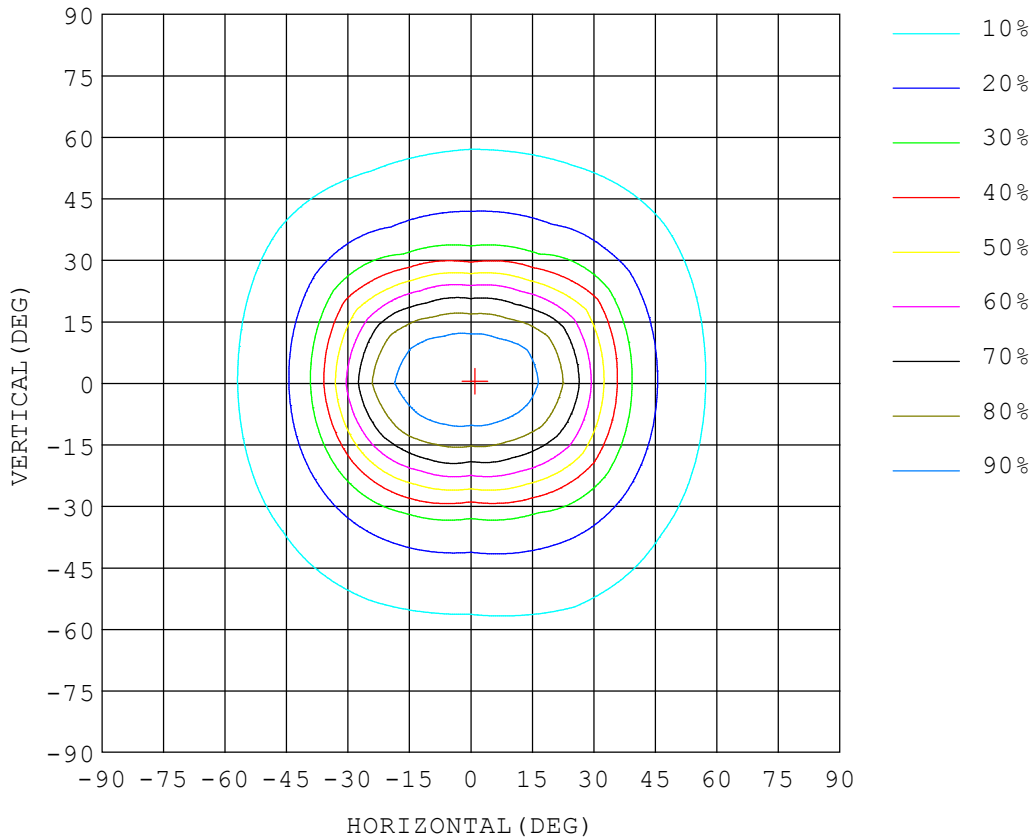
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

UNIT: cd



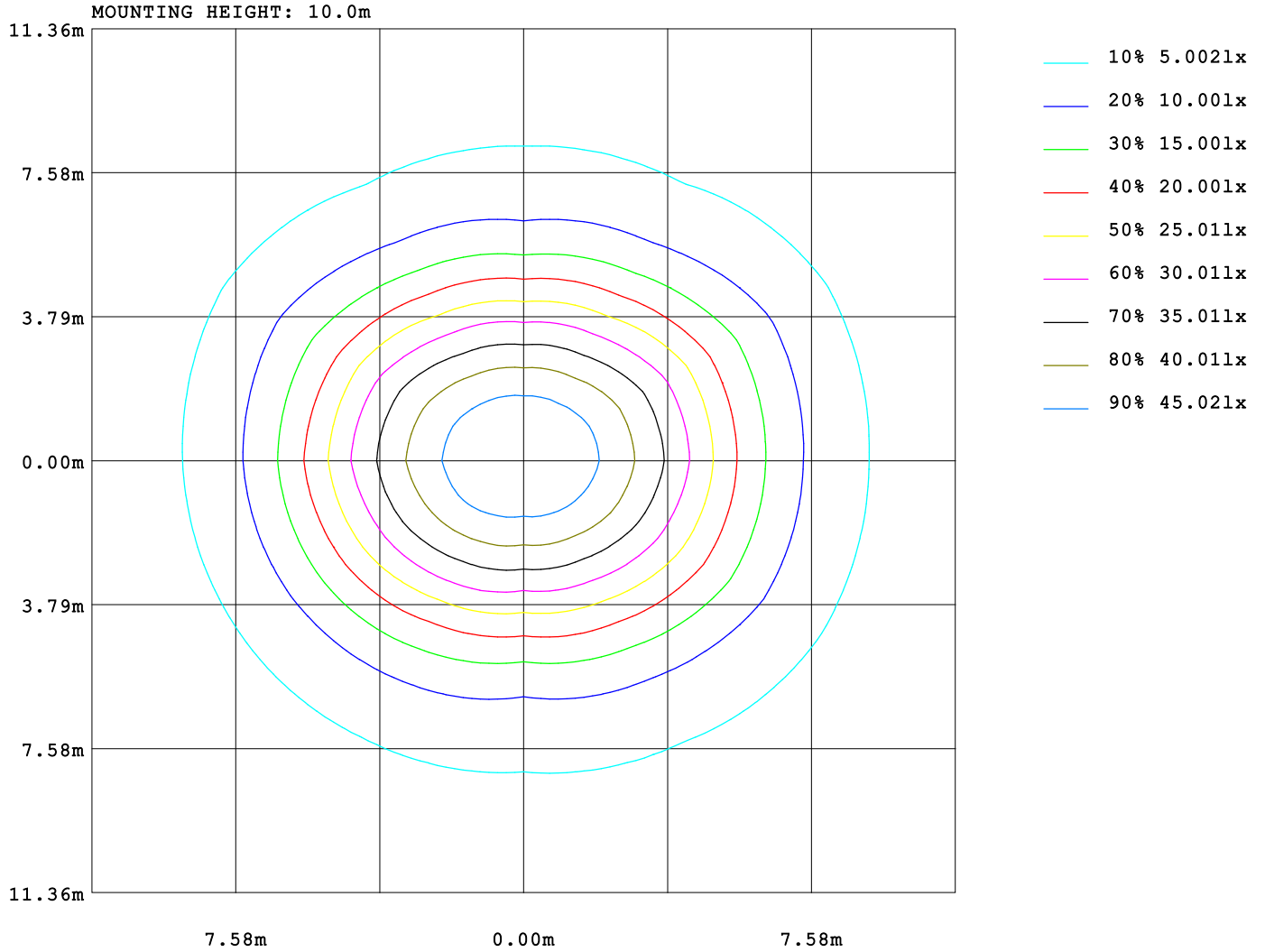
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90			
90	0.06	0.23	0.49	0.75	0.92	1.00	1.12	1.35	1.51	1.52	1.37	1.17	1.06	1.00	0.85	0.56	0.27	0.07	15.3	0.00		
80	0.08	0.43	1.03	1.74	2.32	2.83	3.39	4.00	4.37	4.35	3.93	3.31	2.78	2.32	1.79	1.07	0.45	0.09	40.3	0.00		
70	0.11	0.62	1.54	2.71	3.95	5.33	6.76	8.35	9.48	9.50	8.37	6.71	5.18	3.81	2.65	1.54	0.62	0.12	77.4	0.00		
60	0.13	0.80	1.99	3.79	6.14	8.90	11.7	14.6	16.5	16.8	15.3	12.5	9.19	6.07	3.65	1.99	0.78	0.14	131	49.1		
50	0.16	0.94	2.44	5.12	9.04	13.9	18.9	23.6	26.5	26.8	24.5	20.3	14.9	9.42	5.06	2.46	0.94	0.15	206	169		
40	0.17	1.06	2.92	6.59	12.5	20.8	30.3	38.1	43.2	43.2	38.5	31.2	22.1	13.4	6.70	2.94	1.07	0.17	315	292		
30	0.19	1.15	3.37	8.06	16.2	31.7	54.0	73.7	85.0	84.6	73.3	54.7	32.7	17.4	8.33	3.38	1.19	0.18	550	531		
20	0.20	1.22	3.73	9.22	19.5	44.6	84.6	115	127	126	113	83.8	45.3	20.7	9.61	3.74	1.28	0.19	809	792		
10	0.20	1.24	3.92	9.82	21.4	53.1	102	135	147	147	132	98.8	52.4	22.7	10.2	3.92	1.33	0.19	943	928		
0	0.20	1.24	3.89	9.73	21.0	51.6	100	132	146	144	130	96.8	51.5	22.5	10.1	3.88	1.32	0.19	927	911		
-10	0.20	1.19	3.64	8.98	18.5	40.5	78.8	109	122	121	108	79.5	43.0	20.2	9.32	3.64	1.26	0.18	769	752		
-20	0.18	1.12	3.24	7.72	15.1	28.1	49.8	70.6	80.3	80.1	70.7	52.0	31.1	16.5	7.91	3.23	1.16	0.18	520	500		
-30	0.17	1.01	2.77	6.19	11.7	19.7	29.4	38.2	42.2	42.2	38.6	31.1	21.5	12.4	6.21	2.76	1.02	0.16	308	282		
-40	0.15	0.89	2.28	4.68	8.58	13.8	19.5	24.0	26.2	26.5	25.0	21.0	14.9	8.87	4.55	2.27	0.88	0.15	204	168		
-50	0.13	0.73	1.81	3.45	5.90	9.08	12.4	15.0	16.3	16.6	15.8	13.4	9.51	5.82	3.27	1.79	0.71	0.13	132	54.4		
-60	0.10	0.55	1.34	2.43	3.87	5.60	7.30	8.47	9.07	9.14	8.61	7.40	5.52	3.72	2.35	1.34	0.55	0.11	77.5	0.00		
-70	0.08	0.36	0.83	1.48	2.26	3.08	3.75	4.07	4.10	4.09	4.02	3.68	3.02	2.25	1.52	0.87	0.38	0.08	39.9	0.00		
-80	0.05	0.18	0.34	0.56	0.86	1.16	1.34	1.36	1.29	1.30	1.39	1.38	1.22	0.94	0.64	0.40	0.21	0.06	14.7	0.00		
-90																						
Φ t	2.55	14.9	41.6	93.0	180	355	616	817	908	905	812	619	367	191	94.9	41.8	15.4	2.52	6095			
Φ a	0.00	0.00	0.00	31.8	133	312	575	776	868	867	774	581	327	147	36.3	0.00	0.00	0.00		5391		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

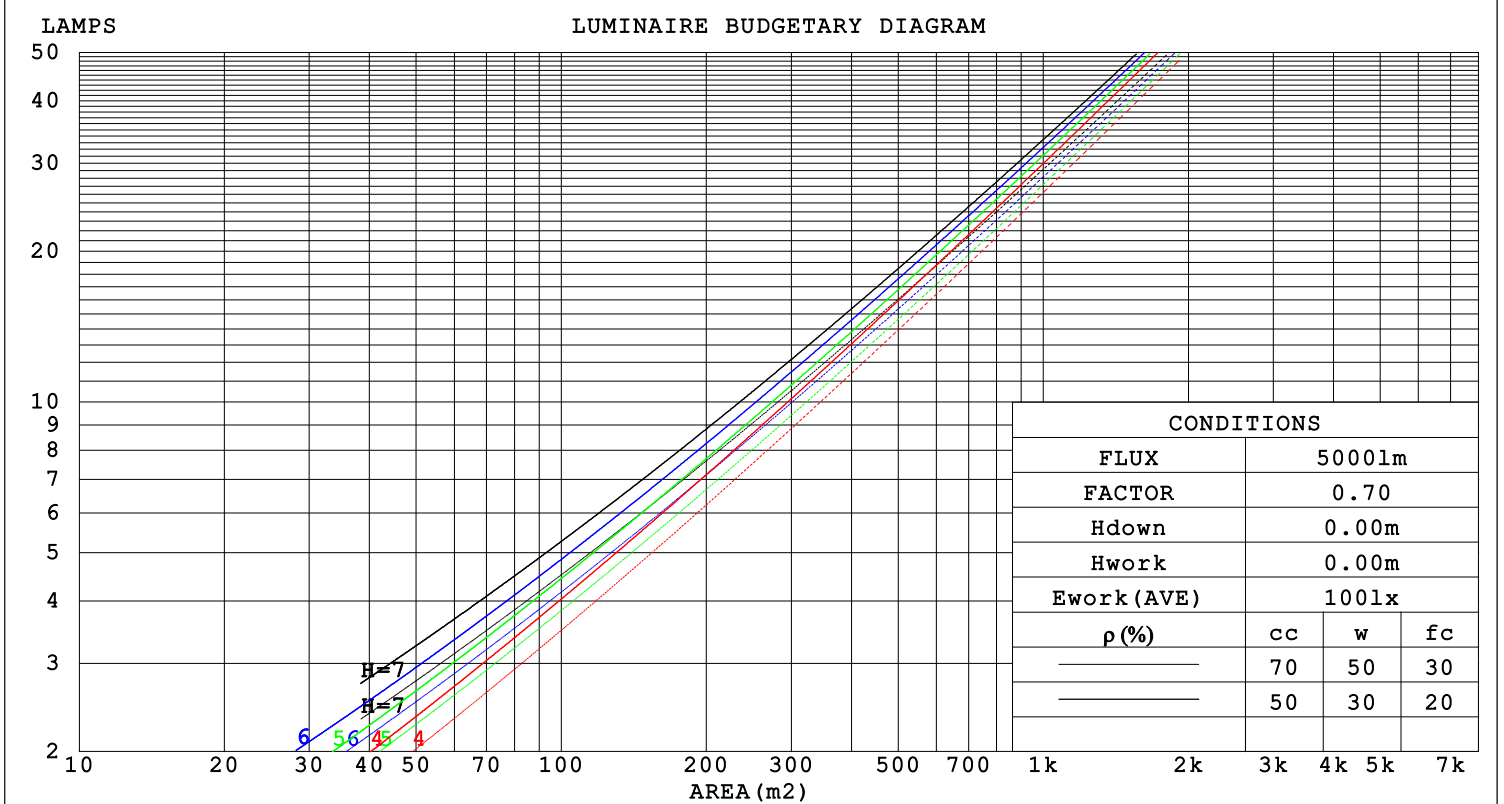
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	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	1.08	1.05	1.02	1.06	1.03	1.00	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89
2.0	.98	.93	.88	.96	.91	.87	.93	.89	.85	.90	.86	.83	.87	.84	.82	.80
3.0	.89	.83	.78	.88	.82	.77	.85	.80	.76	.82	.78	.74	.80	.76	.73	.71
4.0	.82	.75	.69	.80	.74	.69	.78	.72	.68	.76	.71	.67	.74	.70	.66	.65
5.0	.75	.68	.63	.74	.67	.62	.72	.66	.62	.70	.65	.61	.69	.64	.60	.59
6.0	.69	.62	.57	.68	.62	.57	.67	.61	.56	.65	.60	.56	.64	.59	.55	.54
7.0	.64	.57	.52	.64	.57	.52	.62	.56	.52	.61	.55	.51	.60	.55	.51	.49
8.0	.60	.53	.48	.59	.53	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.46
9.0	.56	.49	.45	.56	.49	.44	.54	.48	.44	.54	.48	.44	.53	.48	.44	.42
10.0	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.41	.50	.45	.41	.39



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005														
NAME: 1027-1-2-5-2-2					TYPE: .5W 57K CRI90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*25*145					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	.233	.133	.042	.227	.129	.041	.214	.123	.039	.202	.116	.037	.191	.111	.036	
2.0	.221	.121	.037	.215	.119	.037	.204	.114	.035	.194	.109	.034	.185	.105	.033	
3.0	.208	.111	.033	.203	.109	.033	.193	.105	.032	.184	.101	.031	.176	.097	.030	
4.0	.195	.101	.030	.190	.100	.029	.182	.097	.029	.174	.094	.028	.167	.091	.028	
5.0	.183	.093	.027	.179	.092	.027	.172	.089	.026	.165	.087	.026	.158	.085	.025	
6.0	.172	.086	.025	.169	.085	.025	.162	.083	.024	.156	.081	.024	.150	.079	.024	
7.0	.162	.080	.023	.159	.079	.023	.154	.078	.022	.148	.076	.022	.143	.074	.022	
8.0	.154	.075	.021	.151	.074	.021	.146	.073	.021	.141	.071	.021	.136	.070	.020	
9.0	.146	.070	.020	.143	.070	.020	.138	.068	.019	.134	.067	.019	.130	.066	.019	
10.0	.138	.066	.018	.136	.066	.018	.132	.065	.018	.128	.063	.018	.124	.062	.018	

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	.175	.157	.140	.150	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.163	.132	.107	.139	.114	.092	.096	.079	.064	.055	.046	.038	.018	.015	.012	
3.0	.153	.114	.083	.131	.098	.072	.090	.068	.051	.052	.040	.030	.017	.013	.010	
4.0	.143	.100	.066	.123	.086	.058	.085	.060	.041	.049	.035	.024	.016	.011	.008	
5.0	.135	.089	.054	.116	.077	.047	.080	.054	.033	.046	.031	.020	.015	.010	.007	
6.0	.128	.080	.045	.110	.069	.039	.076	.048	.028	.044	.028	.017	.014	.009	.005	
7.0	.122	.073	.038	.105	.063	.033	.072	.044	.024	.042	.026	.014	.014	.009	.005	
8.0	.116	.067	.033	.100	.058	.029	.069	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.110	.061	.029	.095	.053	.025	.066	.038	.018	.038	.022	.011	.012	.007	.003	
10.0	.105	.057	.025	.091	.050	.022	.063	.035	.016	.037	.021	.009	.012	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	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	19.1	20.3	19.3	20.5	20.7	18.8	20.0	19.1	20.2	20.4
	3H	19.7	20.8	20.0	21.1	21.3	19.5	20.6	19.8	20.8	21.0
	4H	20.1	21.1	20.4	21.4	21.6	19.7	20.8	20.0	21.0	21.2
	6H	20.4	21.3	20.7	21.6	21.9	19.9	20.9	20.2	21.2	21.4
	8H	20.5	21.4	20.8	21.7	22.0	20.0	20.9	20.3	21.2	21.5
	12H	20.6	21.5	20.9	21.8	22.0	20.0	20.9	20.4	21.2	21.5
4H	2H	19.3	20.4	19.6	20.6	20.8	19.1	20.1	19.4	20.4	20.6
	3H	20.1	21.0	20.5	21.3	21.6	20.0	20.9	20.3	21.1	21.4
	4H	20.6	21.4	21.0	21.7	22.1	20.3	21.2	20.7	21.5	21.8
	6H	21.0	21.8	21.4	22.1	22.4	20.7	21.4	21.1	21.7	22.1
	8H	21.2	21.9	21.6	22.2	22.6	20.8	21.5	21.2	21.8	22.2
	12H	21.4	22.0	21.8	22.4	22.7	20.9	21.5	21.3	21.9	22.3
8H	4H	20.7	21.4	21.1	21.8	22.2	20.5	21.2	20.9	21.5	21.9
	6H	21.3	21.9	21.7	22.3	22.7	21.0	21.5	21.4	21.9	22.4
	8H	21.6	22.1	22.0	22.5	22.9	21.2	21.7	21.7	22.1	22.6
	12H	21.8	22.2	22.3	22.7	23.2	21.4	21.8	21.8	22.2	22.7
12H	4H	20.7	21.4	21.2	21.7	22.1	20.5	21.1	20.9	21.5	21.9
	6H	21.4	21.9	21.8	22.3	22.7	21.0	21.5	21.5	22.0	22.4
	8H	21.7	22.1	22.1	22.5	23.0	21.3	21.7	21.8	22.2	22.7

Variations with the observer position at spacings:		
S = 1.0H	+ 0.4 / - 0.6	+ 0.4 / - 0.5
1.5H	+ 0.5 / - 0.4	+ 0.2 / - 0.5
2.0H	+ 1.0 / - 1.0	+ 0.5 / - 0.8

CIE Pub.117 Corrected 6095 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.3)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	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	73	65	59	73	64	59	72	64	59	54
0.80	82	74	68	81	73	68	80	73	68	63
1.00	89	81	76	88	80	75	86	81	75	69
1.25	94	87	82	93	86	81	91	85	81	75
1.50	98	91	86	97	90	86	94	89	85	79
2.00	103	97	92	101	96	91	98	93	90	83
2.50	105	100	95	104	98	95	100	96	93	86
3.00	108	103	99	106	101	98	102	98	96	88
4.00	110	106	103	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	106	103	101	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

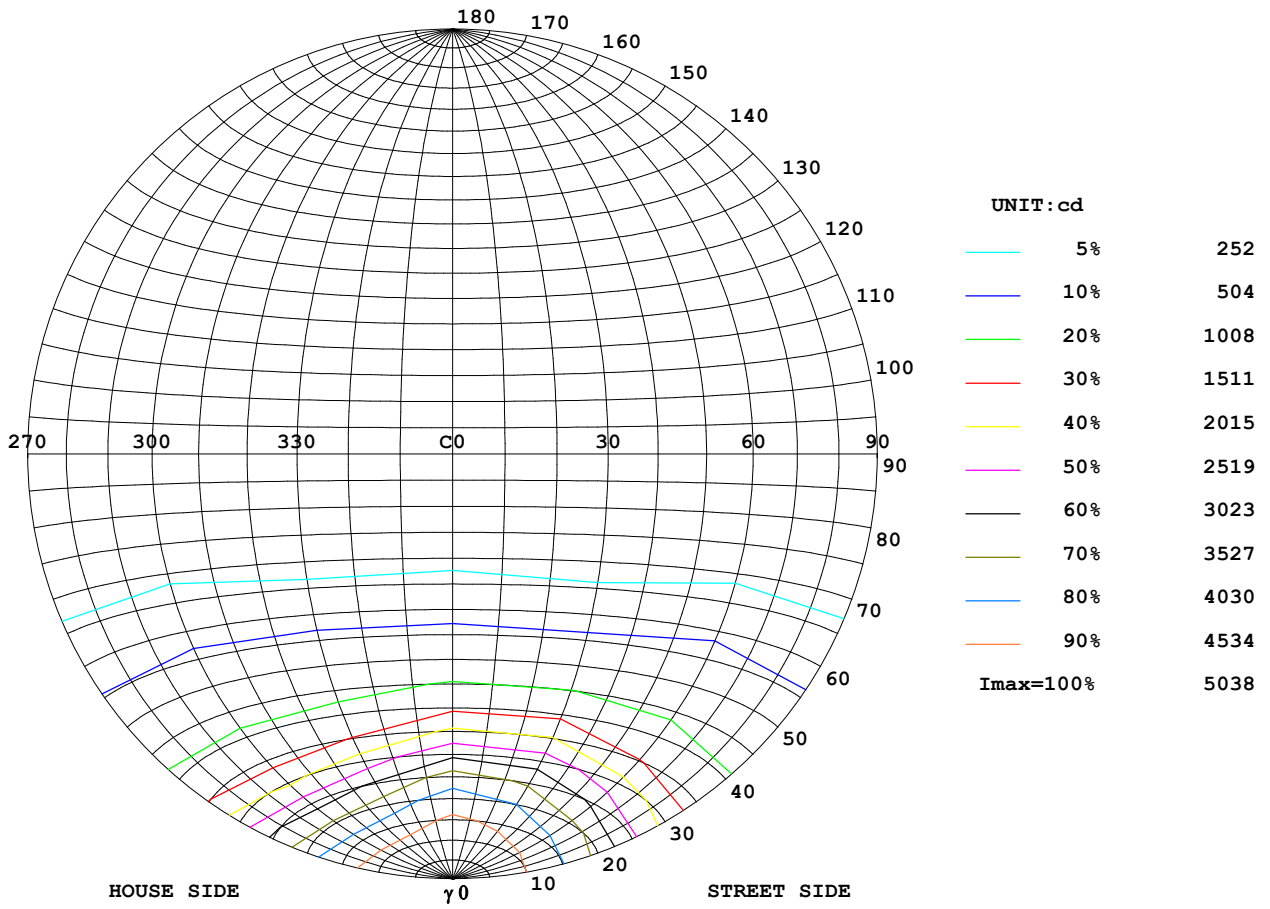
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

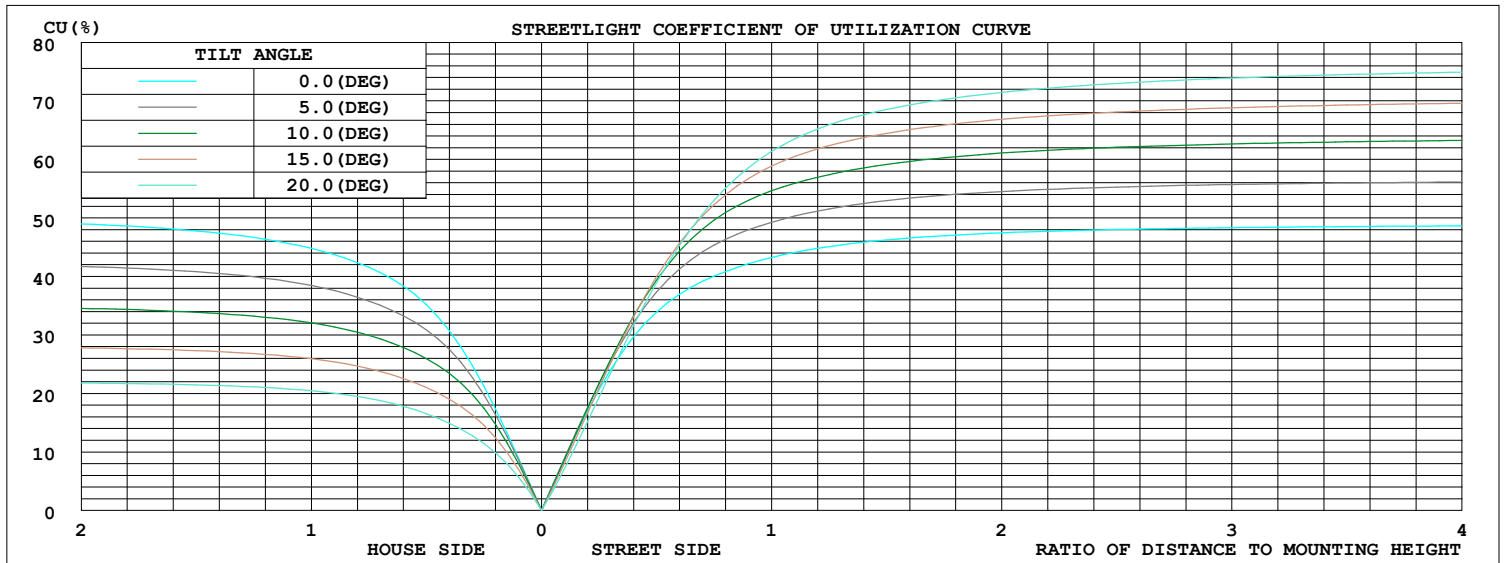
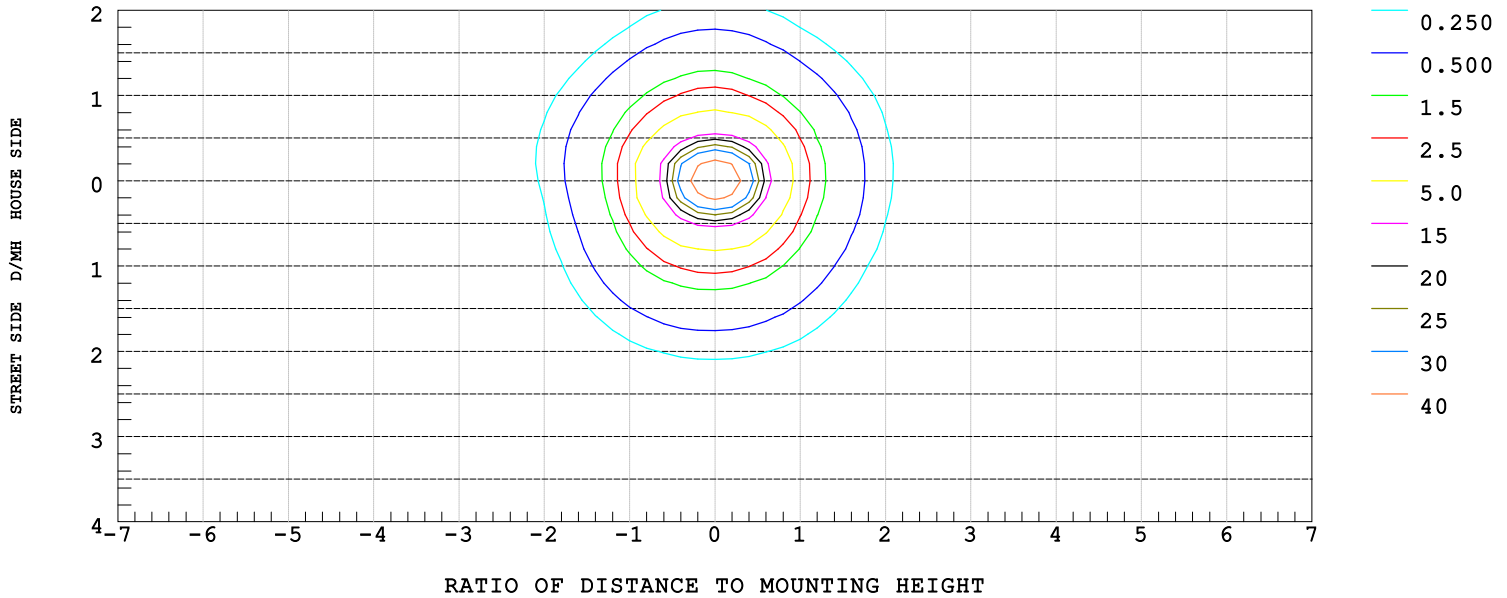
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 50.02 lx



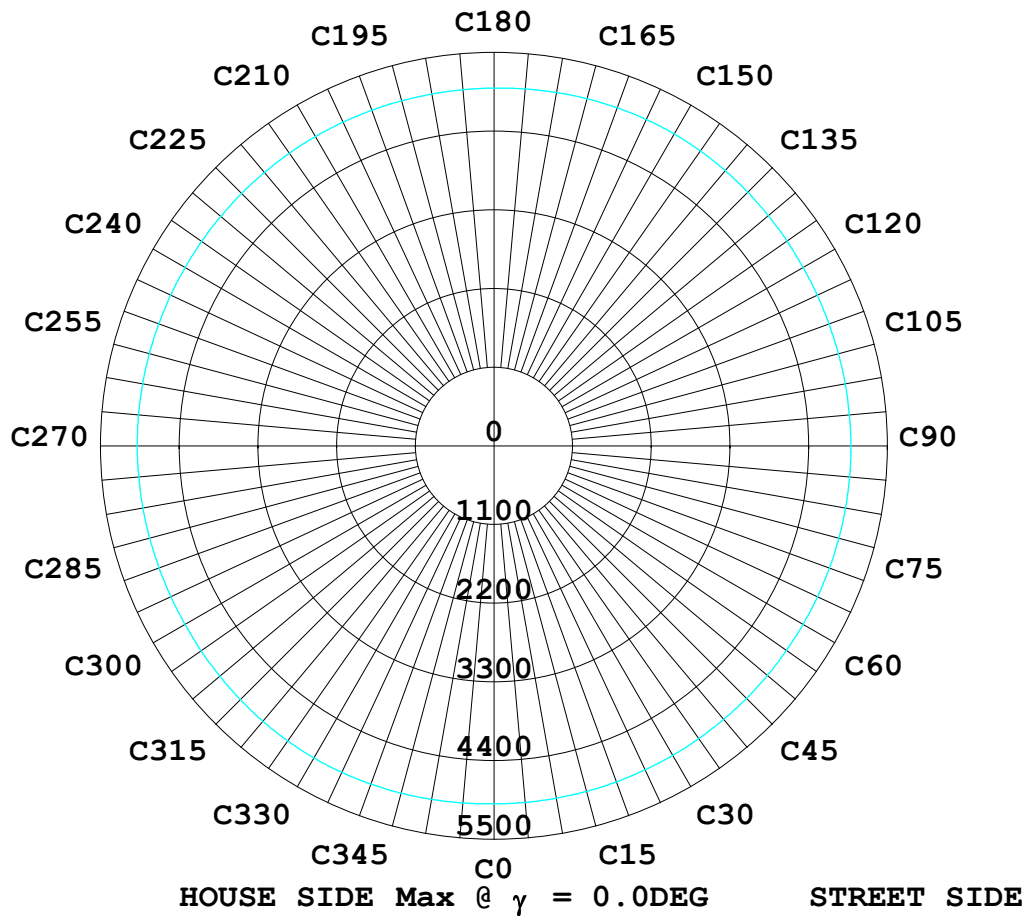
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2023

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 FARIDABAD HARYANA 121005		
NAME: 1027-1-2-5-2-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*145	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	5002	4995	4988	4988	4990	5038	5002	4995	4988	4988	4990	5038
5.0	4953	4920	4881	4861	4893	4938	4981	4979	4951	4940	4932	4965
10.0	4827	4724	4617	4540	4648	4816	4889	4863	4755	4692	4717	4808
15.0	4615	4444	4194	4058	4252	4507	4721	4642	4383	4251	4342	4581
20.0	4274	4033	3612	3390	3693	4128	4436	4303	3857	3614	3805	4212
25.0	3757	3456	2935	2628	2918	3492	3922	3771	3105	2817	3071	3702
30.0	2902	2780	2203	1836	2221	2707	3093	2907	2268	1921	2261	2907
35.0	2106	2035	1529	1279	1528	1881	2141	2180	1521	1324	1525	2230
40.0	1408	1404	1150	1048	1122	1256	1374	1459	1098	1073	1117	1500
45.0	1030	1011	946	864	903	908	953	1010	873	890	912	1052
50.0	779	761	766	684	707	691	720	751	673	707	732	818
55.0	574	548	609	534	551	523	555	565	519	550	565	601
60.0	415	399	449	415	413	389	416	419	387	431	408	436
65.0	282	268	317	295	309	278	290	311	280	322	280	305
70.0	225	189	220	195	222	203	206	225	201	214	194	214
75.0	165	140	150	126	155	147	149	166	137	140	131	161
80.0	99.9	102	98.0	80.8	98.7	99.5	109	119	82.6	92.5	82.5	122
85.0	57.0	54.1	57.3	37.7	54.8	48.1	59.9	69.3	41.6	50.0	43.4	74.6
90.0	20.5	12.0	14.8	6.04	12.9	7.85	15.2	15.6	7.40	13.2	10.5	23.1

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K