

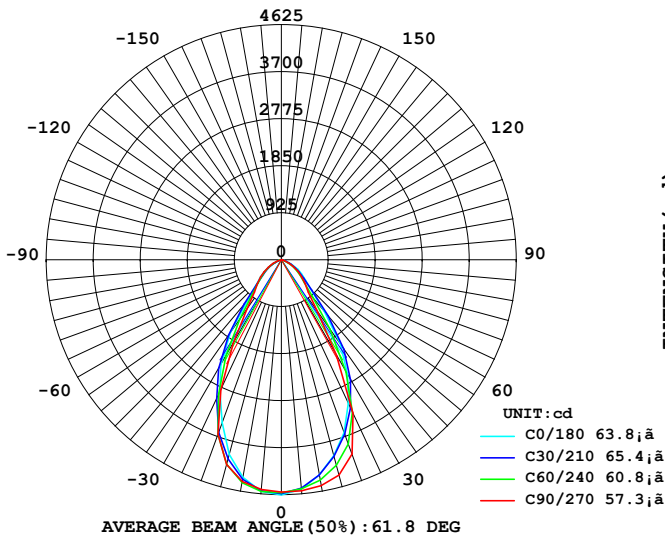
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

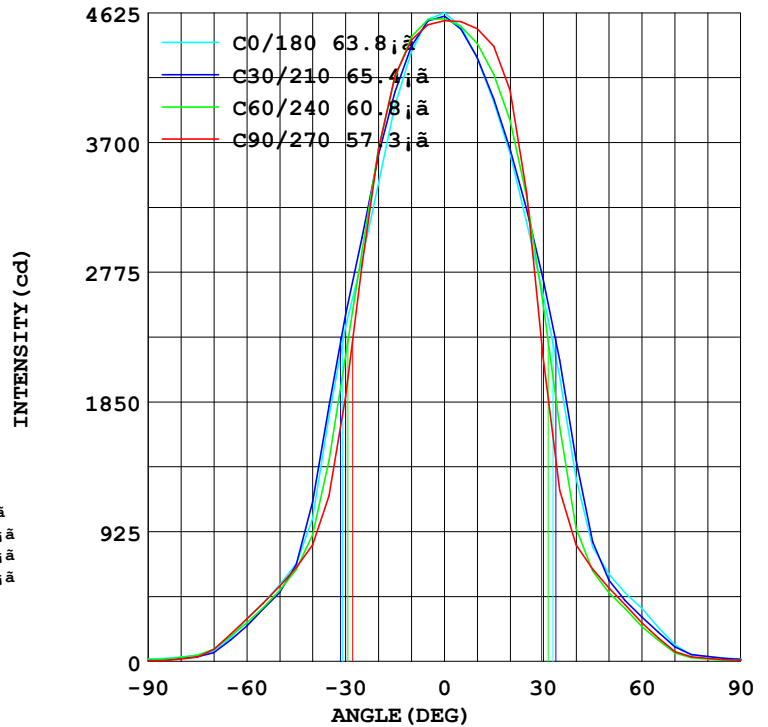
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

DATA OF LAMP		Imax (cd)	4625	S/MH (C0/180)	0.87
MODEL	1031-1-2-5-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.84
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	5237.7	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	130.5	Current (A)	0.183
NOMINAL FLUX (lm)	5237.7	η up (%)	0.0	Power (W)	40.15
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.2	Effective Flux (lm)	4738.9	EET	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-10-2023

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

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

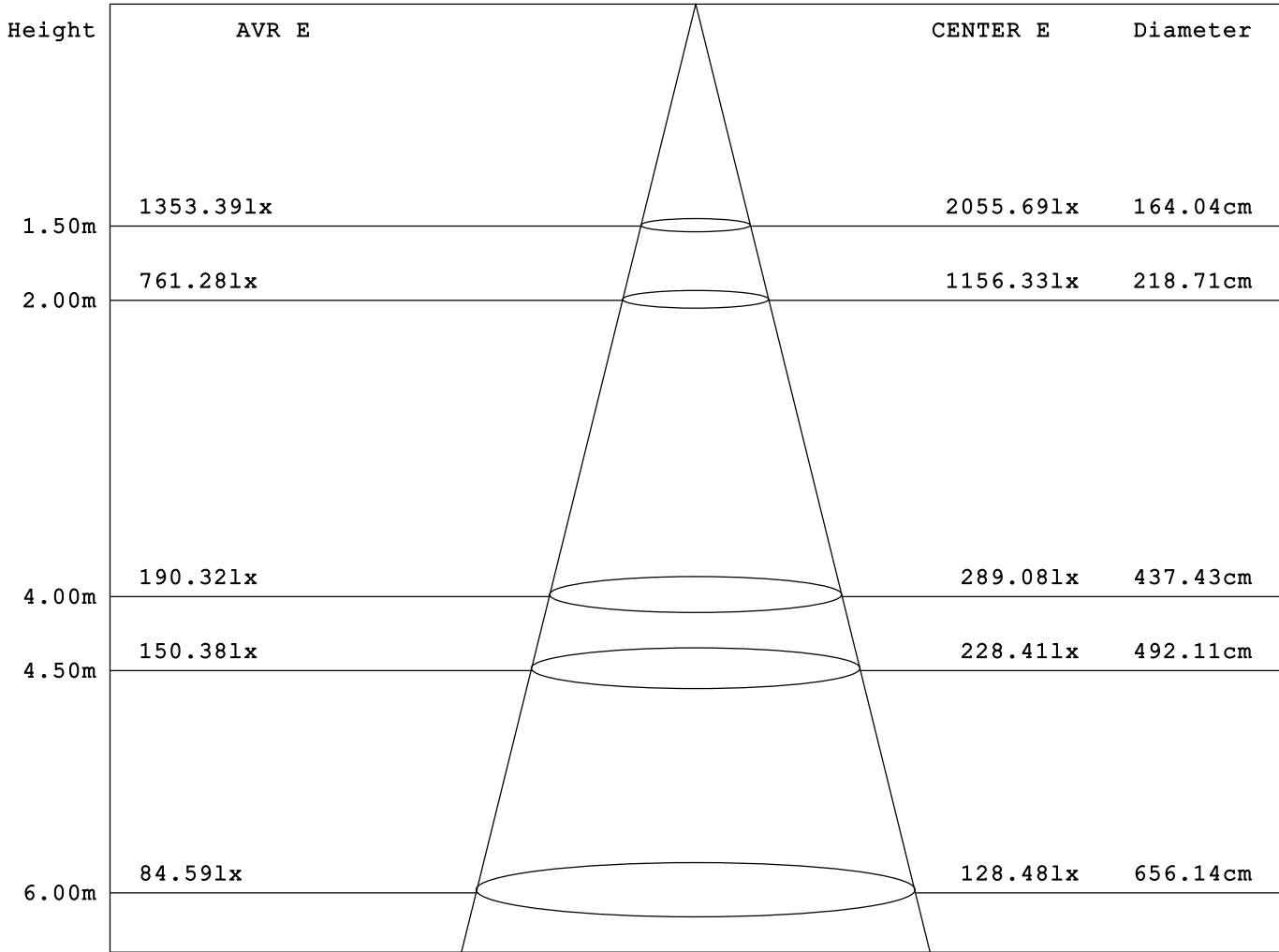
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-10-2023

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Angle: 57.3deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 07-10-2023

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	4351	4423	4434	4264	4303	4357	4512	4500	0- 10	428.2	428.2
20.0	3413	3638	3655	3631	3620	3755	4072	3929	10- 20	1152	1580
30.0	2388	2328	1891	2380	2616	2640	2171	2575	20- 30	1414	2994
40.0	1020	1022	831.0	1075	1308	1195	831.4	1101	30- 40	1059	4053
50.0	547.3	499.8	536.5	533.2	621.0	532.9	523.3	491.0	40- 50	578.3	4632
60.0	304.2	263.5	302.8	292.3	377.8	281.1	275.1	248.0	50- 60	361.3	4993
70.0	73.37	74.18	86.00	95.34	117.0	82.30	68.49	60.60	60- 70	178.4	5172
80.0	31.67	25.27	17.77	29.01	33.66	25.72	20.57	21.07	70- 80	48.20	5220
90.0	16.69	10.83	4.602	10.37	17.05	10.92	9.115	10.37	80- 90	17.98	5238
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:07-10-2023

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

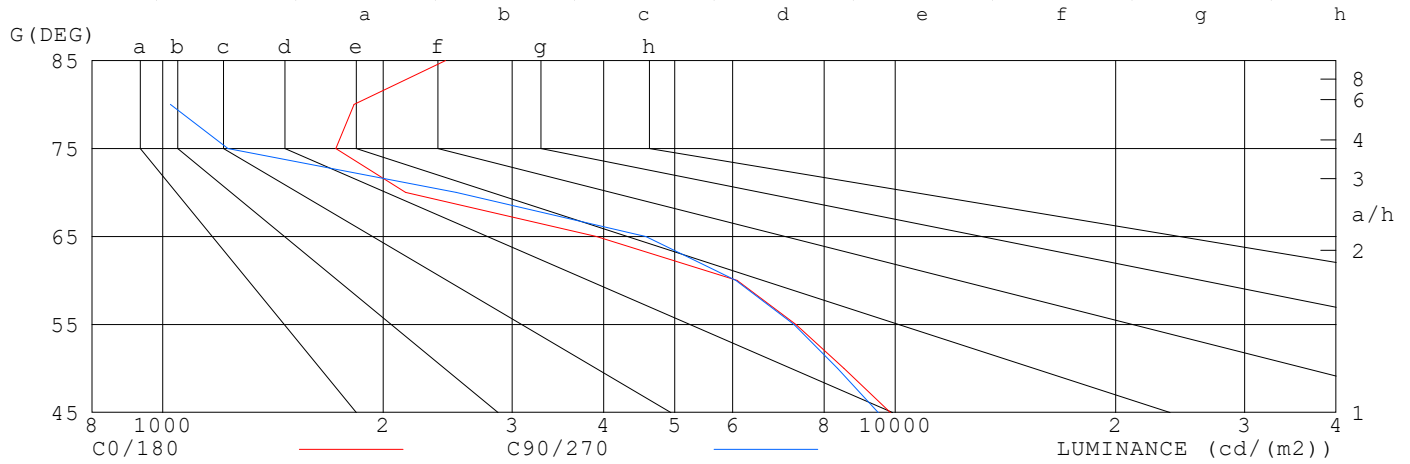
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	2433	683
80	1824	1024
75	1723	1227
70	2145	2515
65	3912	4566
60	6085	6058
55	7320	7279
50	8516	8347
45	9851	9484

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

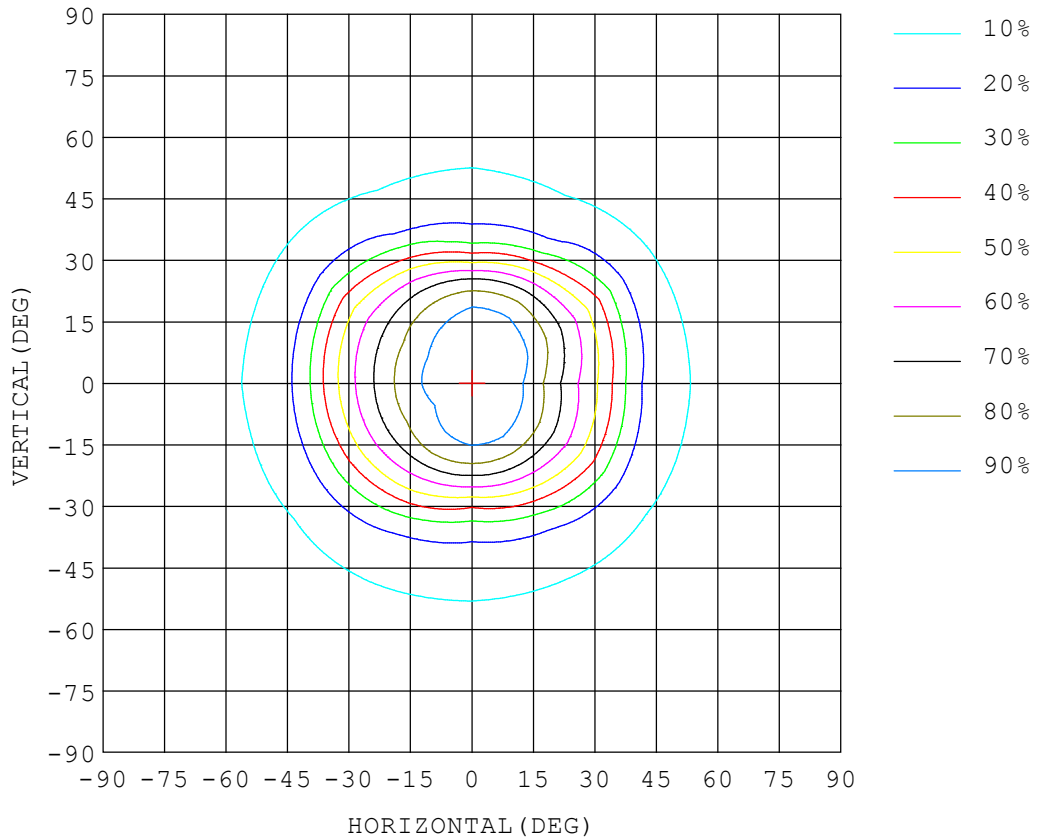
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

UNIT: cd



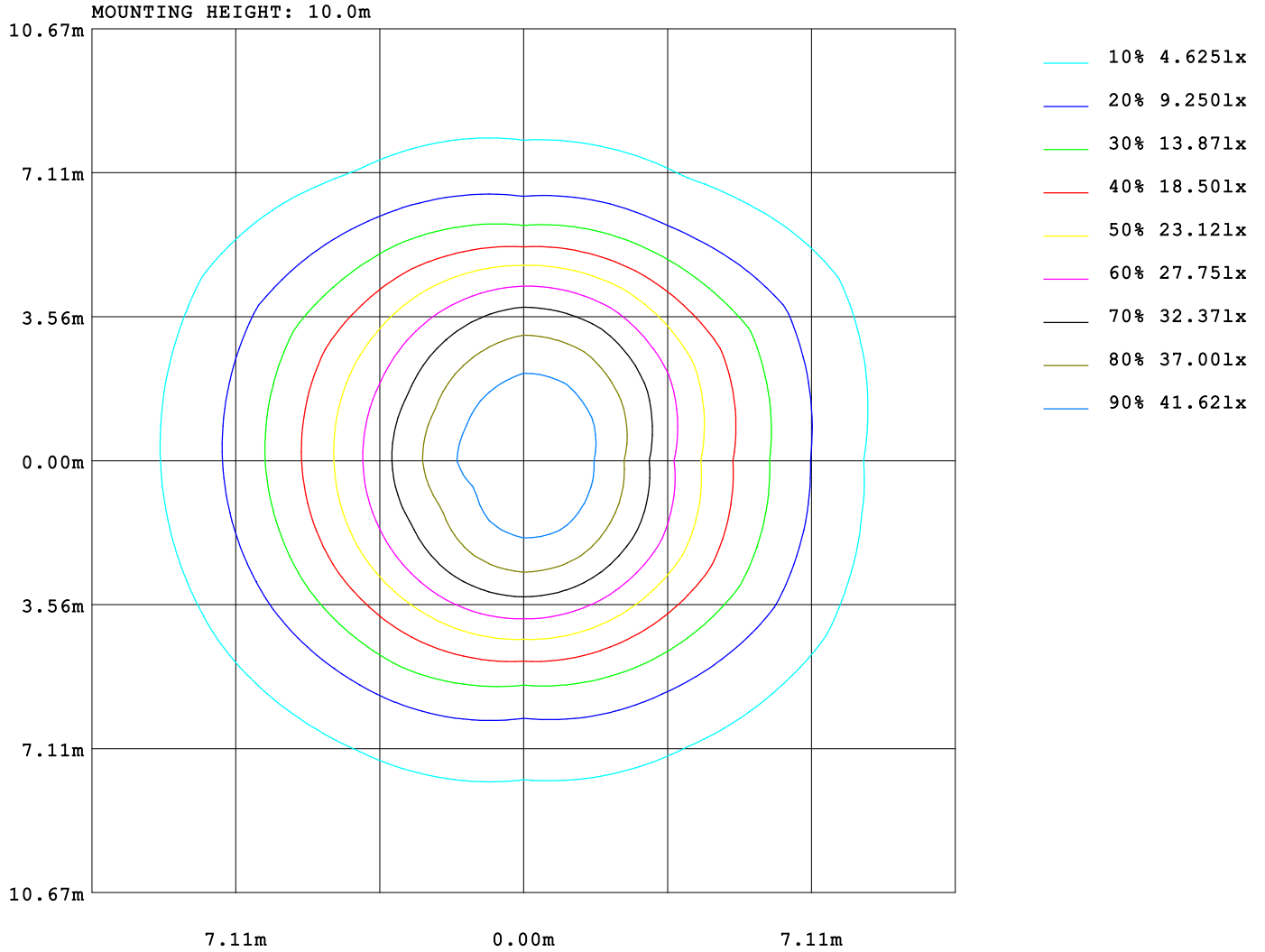
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	0.05	0.14	0.24	0.30	0.31	0.27	0.27	0.34	0.39	0.38	0.31	0.24	0.23	0.26	0.26	0.21	0.13	0.04	4.38	0.00		
80	0.05	0.17	0.33	0.51	0.60	0.64	0.75	0.97	1.12	1.09	0.89	0.65	0.54	0.50	0.42	0.28	0.15	0.05	9.69	0.00		
70	0.05	0.21	0.46	0.82	1.37	2.15	3.06	4.19	4.97	4.87	3.90	2.65	1.72	1.06	0.68	0.39	0.18	0.05	32.8	0.00		
60	0.06	0.25	0.64	1.73	3.64	5.80	7.93	10.2	11.8	11.6	9.72	7.21	5.08	2.96	1.29	0.54	0.22	0.05	80.8	5.73		
50	0.06	0.29	1.03	3.32	6.59	10.3	13.9	17.6	20.0	19.6	16.8	12.9	9.28	5.68	2.61	0.77	0.26	0.06	141	94.0		
40	0.06	0.33	1.65	5.03	9.67	16.5	26.5	37.1	42.5	41.1	33.6	24.2	15.1	8.59	4.12	1.18	0.30	0.06	268	243		
30	0.07	0.40	2.29	6.56	13.1	29.4	54.4	78.8	95.0	95.6	77.5	51.5	27.4	11.7	5.54	1.65	0.34	0.06	552	533		
20	0.07	0.47	2.82	7.76	16.7	43.0	77.1	106	126	130	110	76.2	39.6	14.7	6.65	2.06	0.38	0.07	760	744		
10	0.07	0.50	3.16	8.50	19.0	49.4	85.4	115	134	137	117	81.5	43.9	16.1	7.31	2.31	0.40	0.07	822	808		
0	0.07	0.50	3.13	8.42	18.6	47.7	83.8	114	132	136	115	79.2	42.5	15.8	7.27	2.30	0.39	0.07	806	792		
-10	0.07	0.45	2.75	7.53	15.7	38.5	71.4	101	121	122	101	70.2	35.8	13.9	6.56	2.01	0.37	0.06	710	694		
-20	0.07	0.38	2.18	6.22	12.1	25.4	47.9	70.3	83.4	83.1	68.8	46.8	24.0	11.1	5.41	1.58	0.33	0.06	490	470		
-30	0.06	0.31	1.52	4.63	8.93	15.6	25.2	35.0	39.6	39.0	33.5	23.9	14.6	8.33	3.91	1.10	0.28	0.06	256	229		
-40	0.06	0.26	0.92	2.94	6.19	10.3	14.8	18.6	20.5	20.2	17.9	14.0	9.72	5.60	2.38	0.70	0.24	0.05	146	105		
-50	0.05	0.22	0.54	1.48	3.60	6.37	9.14	11.3	12.5	12.3	10.8	8.44	5.71	3.05	1.14	0.47	0.20	0.05	87.5	11.3		
-60	0.05	0.18	0.37	0.70	1.48	2.79	4.22	5.27	5.83	5.70	4.92	3.74	2.35	1.20	0.60	0.33	0.16	0.05	39.9	0.00		
-70	0.05	0.14	0.25	0.41	0.66	0.96	1.25	1.36	1.33	1.29	1.25	1.12	0.86	0.58	0.35	0.21	0.13	0.04	12.2	0.00		
-80	0.04	0.11	0.17	0.22	0.31	0.41	0.45	0.40	0.31	0.30	0.38	0.42	0.38	0.29	0.20	0.16	0.11	0.04	4.71	0.00		
-90																						
Φ t	1.05	5.31	24.5	67.1	139	306	528	728	853	860	724	505	279	122	56.7	18.2	4.56	0.99	5238			
Φ a	0.00	0.00	0.00	18.3	101	272	495	696	822	829	691	472	244	82.1	7.45	0.00	0.00	0.00		4739		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

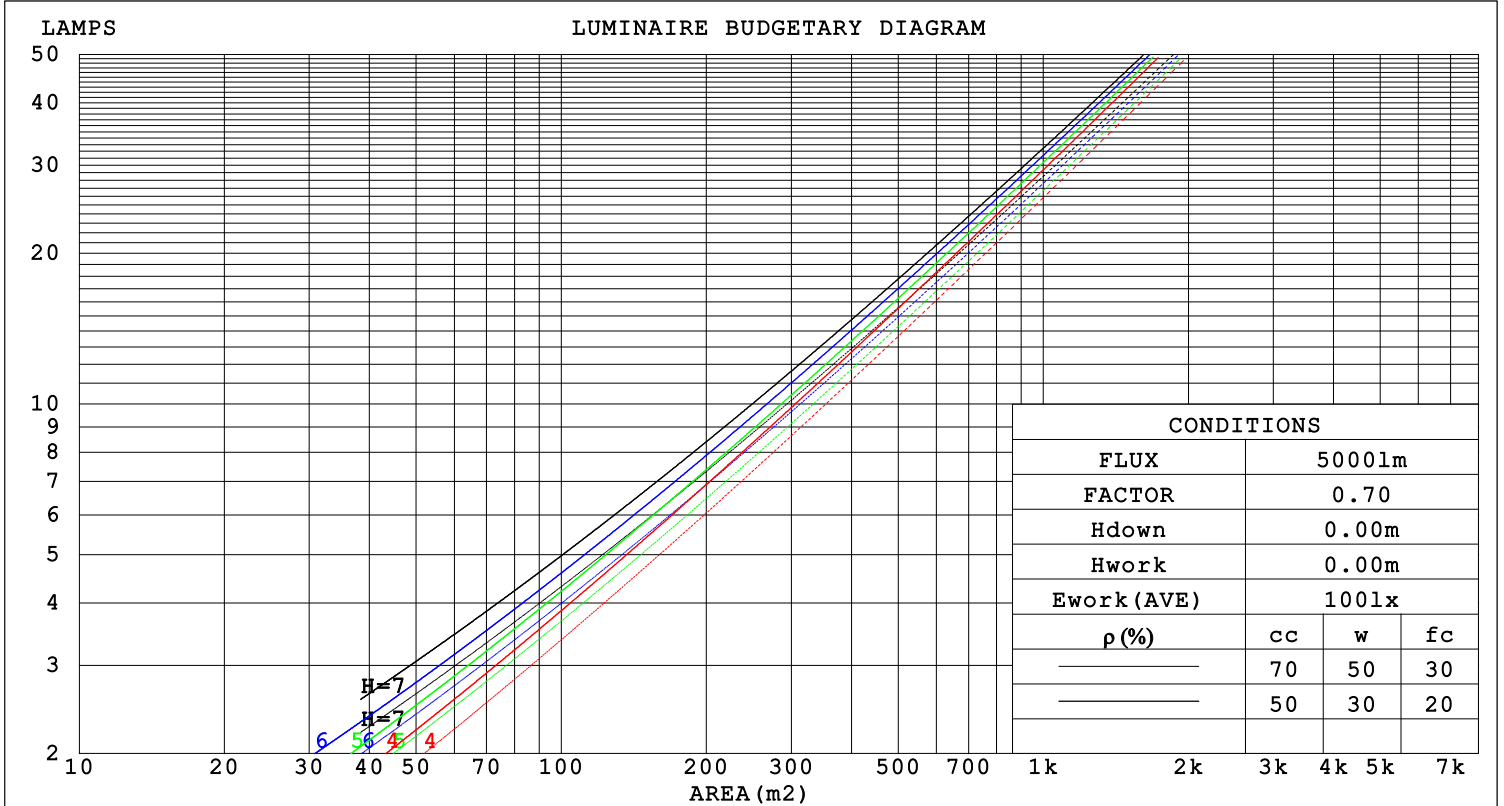
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	1.09	1.06	1.04	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.96	.94	.93	.91
2.0	.00	.95	.91	.98	.94	.90	.95	.91	.88	.92	.89	.86	.89	.86	.84	.82
3.0	.92	.86	.81	.90	.85	.80	.87	.83	.79	.85	.81	.78	.82	.79	.77	.75
4.0	.84	.78	.73	.83	.77	.72	.81	.76	.72	.79	.74	.71	.77	.73	.70	.68
5.0	.78	.71	.66	.77	.71	.66	.75	.69	.65	.73	.68	.65	.72	.67	.64	.62
6.0	.72	.65	.60	.71	.65	.60	.70	.64	.60	.68	.63	.59	.67	.62	.59	.57
7.0	.67	.60	.56	.66	.60	.55	.65	.59	.55	.64	.59	.55	.63	.58	.54	.53
8.0	.63	.56	.51	.62	.56	.51	.61	.55	.51	.60	.55	.51	.59	.54	.51	.49
9.0	.59	.52	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.55	.51	.47	.46
10.0	.55	.49	.44	.55	.49	.44	.54	.48	.44	.53	.48	.44	.52	.47	.44	.43



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	.210	.119	.038	.203	.116	.037	.190	.109	.035	.179	.103	.033	.168	.097	.031	
2.0	.202	.111	.034	.196	.108	.033	.185	.103	.032	.175	.098	.031	.166	.094	.030	
3.0	.192	.102	.031	.187	.100	.030	.178	.096	.029	.169	.093	.028	.161	.089	.028	
4.0	.182	.095	.028	.178	.093	.027	.169	.090	.027	.162	.087	.026	.155	.084	.026	
5.0	.172	.088	.025	.168	.086	.025	.161	.084	.025	.154	.081	.024	.148	.079	.024	
6.0	.163	.082	.023	.160	.081	.023	.153	.079	.023	.147	.077	.022	.142	.075	.022	
7.0	.155	.076	.022	.152	.076	.022	.146	.074	.021	.141	.072	.021	.136	.070	.021	
8.0	.147	.072	.020	.144	.071	.020	.139	.069	.020	.134	.068	.020	.130	.067	.019	
9.0	.140	.068	.019	.137	.067	.019	.133	.066	.019	.128	.064	.018	.124	.063	.018	
10.0	.133	.064	.018	.131	.063	.018	.127	.062	.017	.123	.061	.017	.119	.060	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.173	.157	.142	.148	.135	.122	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.038	.017	.015	.013	
3.0	.149	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.068	.120	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.114	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.046	.108	.069	.040	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.119	.072	.039	.102	.062	.034	.071	.044	.024	.041	.026	.014	.013	.008	.005	
8.0	.113	.066	.034	.097	.057	.029	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.108	.061	.029	.093	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.103	.057	.026	.089	.049	.022	.061	.035	.016	.036	.020	.010	.012	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	17.4	18.5	17.6	18.7	18.9	17.0	18.2	17.3	18.3	18.5
	3H	17.4	18.5	17.7	18.7	18.9	17.2	18.2	17.5	18.5	18.7
	4H	17.4	18.4	17.7	18.6	18.8	17.2	18.2	17.5	18.4	18.6
	6H	17.4	18.3	17.7	18.6	18.8	17.1	18.0	17.4	18.3	18.5
	8H	17.4	18.3	17.7	18.5	18.8	17.1	18.0	17.4	18.2	18.5
	12H	17.4	18.2	17.7	18.5	18.8	17.0	17.9	17.4	18.2	18.4
4H	2H	17.4	18.4	17.7	18.6	18.9	17.1	18.1	17.4	18.3	18.6
	3H	17.5	18.4	17.8	18.6	18.9	17.4	18.2	17.7	18.5	18.8
	4H	17.5	18.3	17.9	18.6	18.9	17.4	18.1	17.7	18.4	18.7
	6H	17.5	18.2	17.9	18.5	18.9	17.3	18.0	17.7	18.4	18.7
	8H	17.5	18.2	17.9	18.5	18.9	17.3	17.9	17.7	18.3	18.7
	12H	17.6	18.1	18.0	18.5	18.9	17.3	17.8	17.7	18.2	18.6
8H	4H	17.4	18.1	17.8	18.4	18.8	17.3	17.9	17.7	18.3	18.6
	6H	17.5	18.0	17.9	18.4	18.8	17.3	17.8	17.7	18.2	18.6
	8H	17.5	17.9	17.9	18.4	18.8	17.3	17.7	17.7	18.1	18.6
	12H	17.6	17.9	18.0	18.4	18.9	17.3	17.6	17.7	18.1	18.6
12H	4H	17.4	18.0	17.8	18.3	18.7	17.2	17.8	17.7	18.2	18.6
	6H	17.4	17.9	17.9	18.3	18.8	17.3	17.7	17.7	18.1	18.6
	8H	17.5	17.9	17.9	18.3	18.8	17.3	17.6	17.7	18.1	18.6

Variations with the observer position at spacings:		
S = 1.0H	+ 1.1 / - 1.1	+ 0.7 / - 0.8
1.5H	+ 1.6 / - 1.3	+ 0.6 / - 0.8
2.0H	+ 1.5 / - 2.2	+ 1.1 / - 1.5

CIE Pub.117 Corrected 5238 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	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	77	69	64	77	69	64	76	68	64	59
0.80	86	78	73	85	78	73	84	77	73	68
1.00	92	85	80	91	84	80	89	85	79	74
1.25	97	91	86	96	90	86	94	89	85	80
1.50	101	95	90	99	94	90	97	92	89	83
2.00	105	100	95	103	98	95	100	96	93	87
2.50	107	102	98	105	101	98	102	99	96	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	110	107	104	106	103	101	94
5.00	113	110	108	111	108	106	107	105	103	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

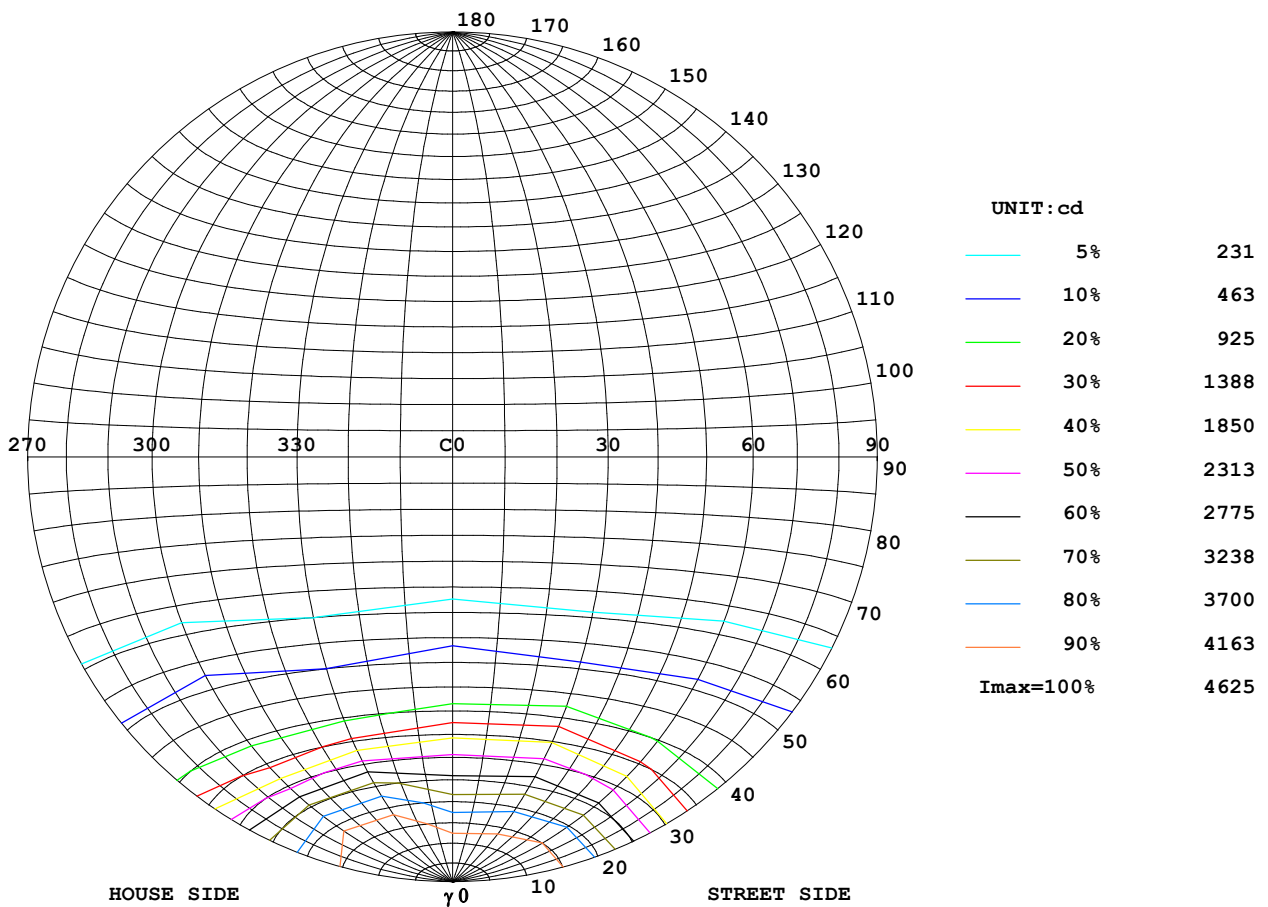
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

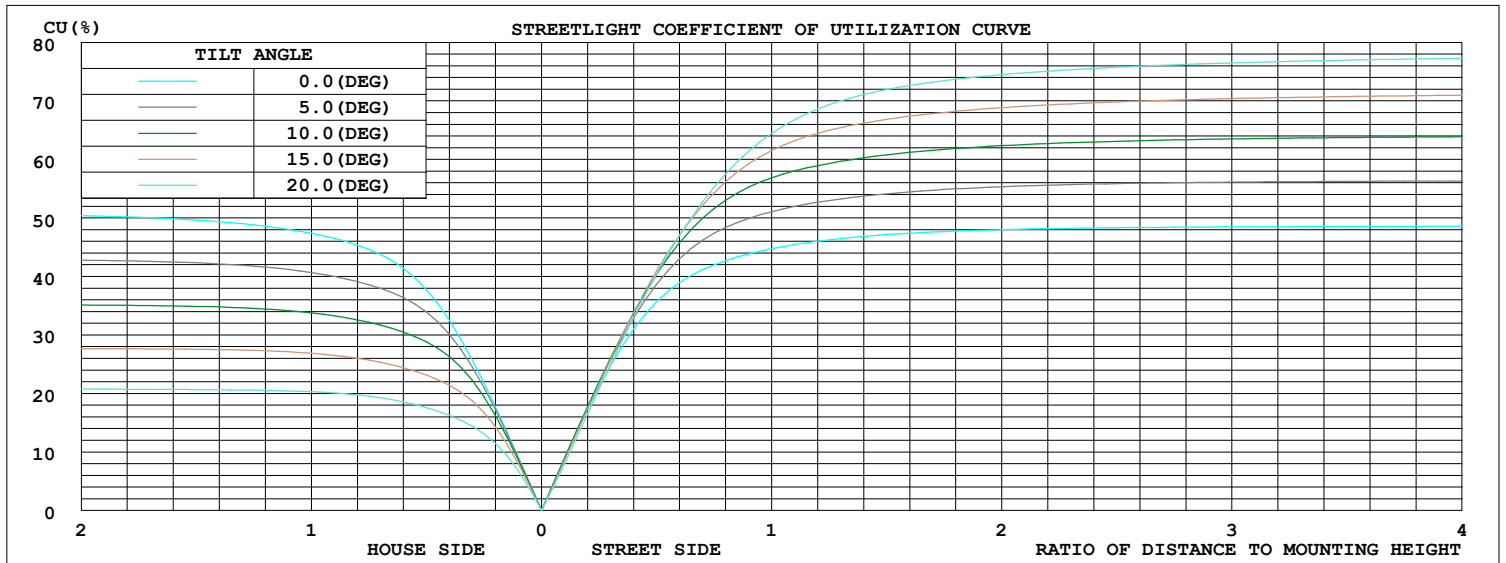
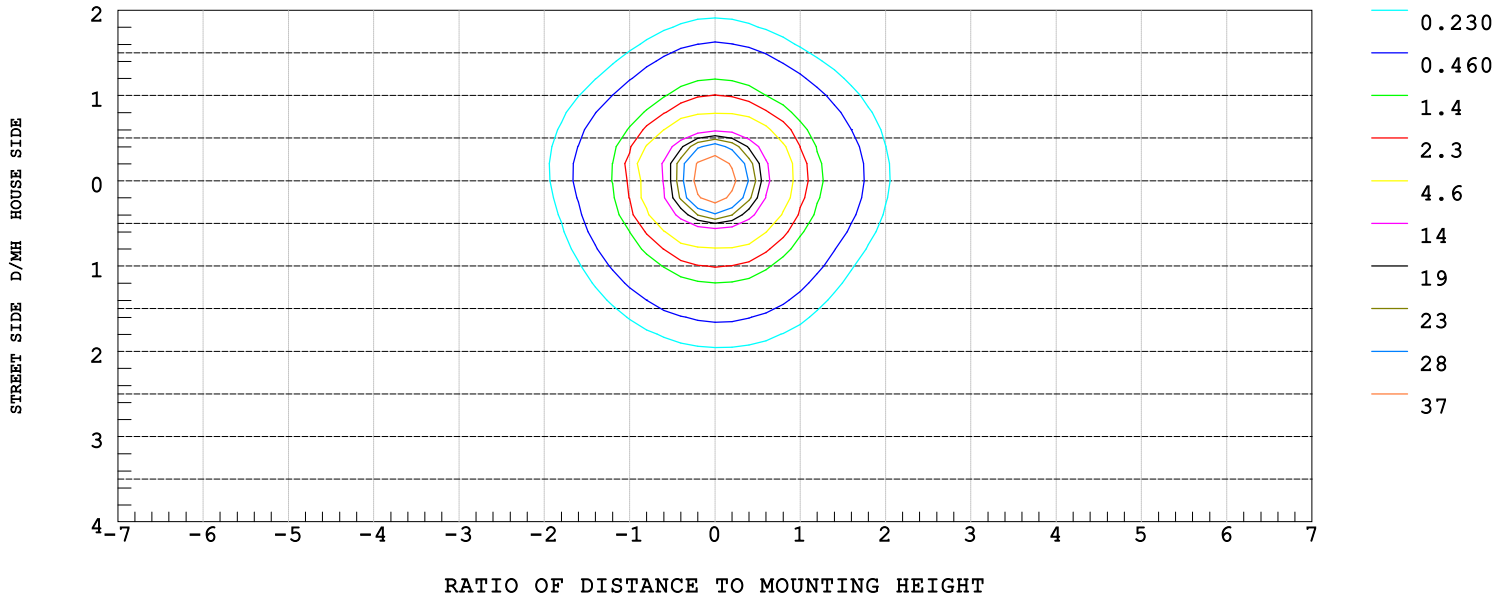
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 46.25 lx



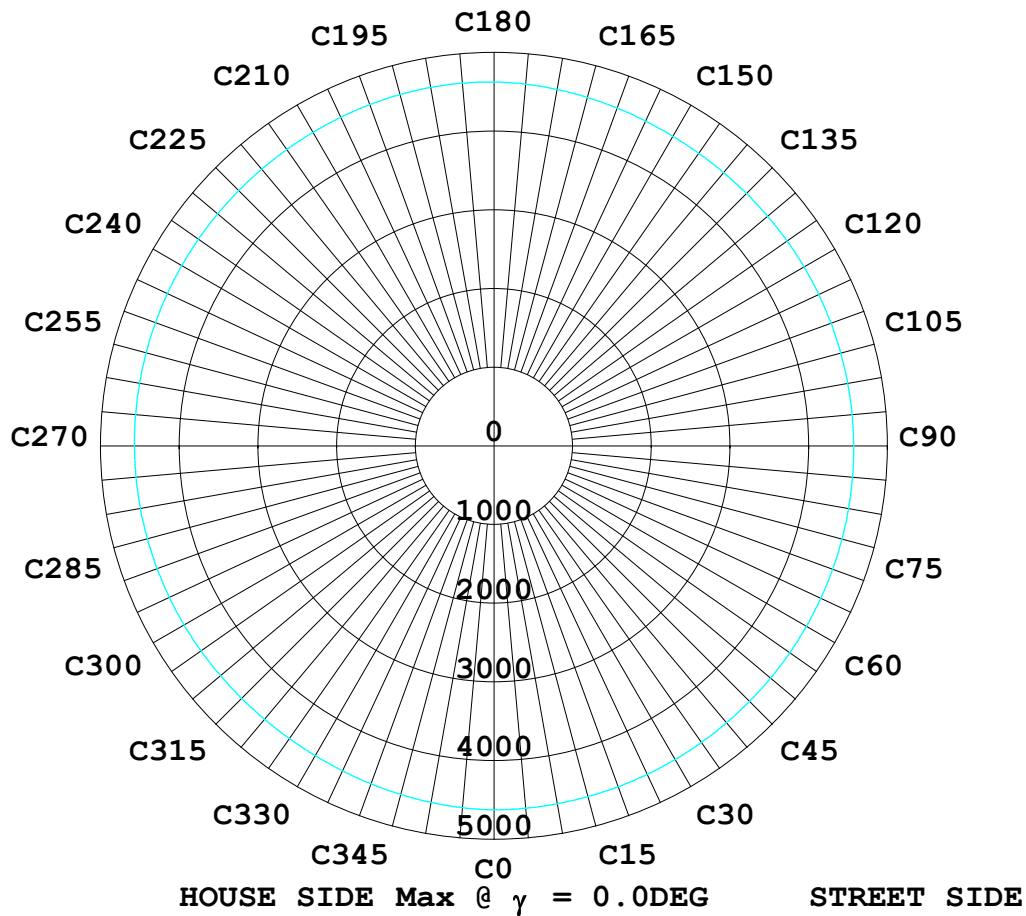
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-10-2023

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

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-5-2	TYPE: .5W 57K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4625	4602	4584	4570	4550	4545	4625	4602	4584	4570	4550	4545
5.0	4578	4566	4576	4540	4482	4408	4529	4510	4527	4562	4573	4572
10.0	4351	4389	4456	4434	4338	4190	4303	4307	4407	4512	4526	4474
15.0	3966	4060	4163	4174	4079	3906	3990	4011	4187	4387	4373	4209
20.0	3413	3616	3660	3655	3663	3600	3620	3652	3858	4072	4052	3807
25.0	2861	3019	2923	2820	2923	3057	3126	3220	3310	3338	3400	3265
30.0	2388	2476	2180	1891	2267	2493	2616	2728	2552	2171	2449	2701
35.0	1750	1819	1432	1180	1502	1832	2030	2148	1675	1221	1465	2075
40.0	1020	1139	904	831	956	1193	1308	1439	951	831	841	1360
45.0	697	693	655	671	691	753	815	852	644	659	604	771
50.0	547	492	507	537	538	529	621	577	489	523	462	520
55.0	420	376	385	417	412	396	488	433	376	403	334	385
60.0	304	251	276	303	304	280	378	315	247	275	229	268
65.0	165	151	179	193	200	181	242	208	152	168	131	168
70.0	73.3	61.6	86.7	86.0	106	85.1	117	103	61.3	68.4	48.0	73.1
75.0	44.5	33.8	44.1	31.7	48.3	38.7	45.6	48.8	26.5	32.6	23.2	41.1
80.0	31.6	22.1	28.4	17.7	31.6	26.3	33.6	35.0	16.4	20.5	13.3	28.7
85.0	21.2	11.9	15.4	5.95	16.7	14.6	22.9	22.5	8.03	12.0	6.67	18.5
90.0	16.6	10.1	11.4	4.60	11.3	9.38	17.0	14.8	6.94	9.11	6.40	14.3

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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