

LUMINAIRE PHOTOMETRIC TEST REPORT

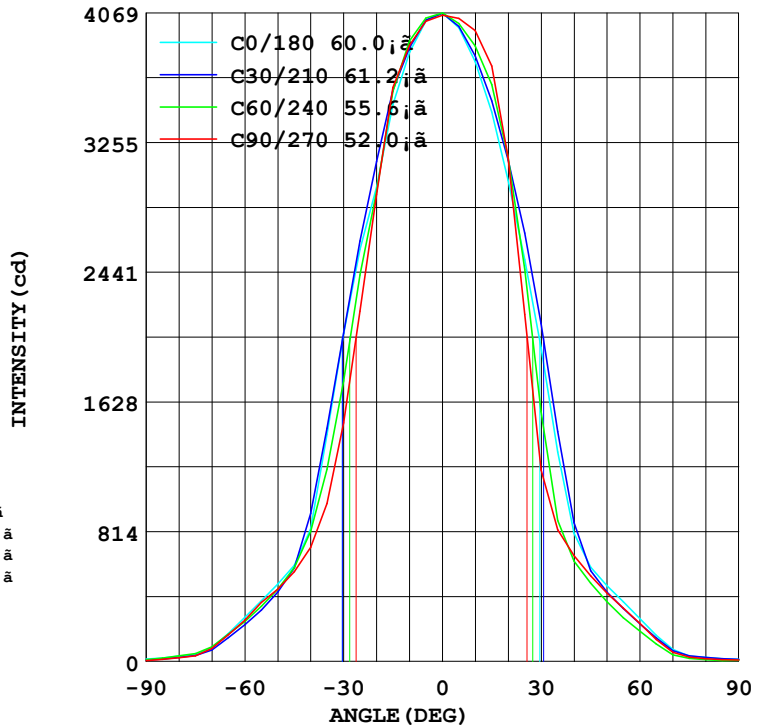
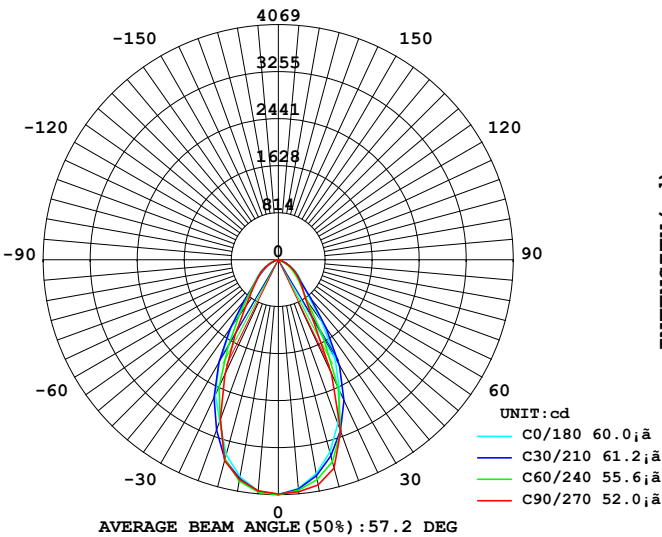
Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	4069	S/MH (C0/180)	0.89
MODEL	1031-1-2-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.81
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	4233.2	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	107.4	Current (A)	0.180
NOMINAL FLUX (lm)	4233.3	η up (%)	0.0	Power (W)	39.40
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.992
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	3771.0	EET	0.142

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

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

Color Temperature Data List

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

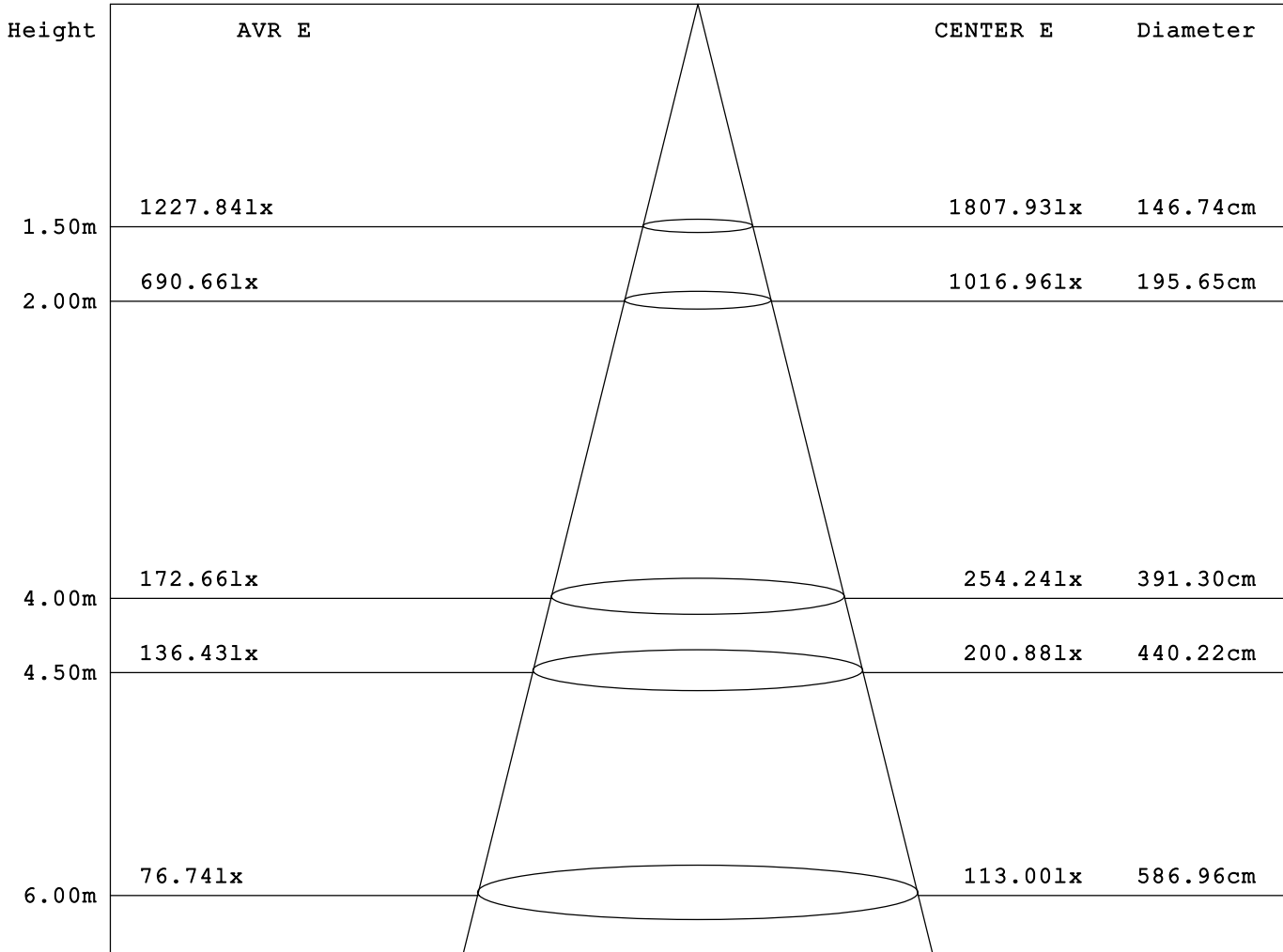
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Temperature:25.3DEG
Operators:
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AVERAGE AND CENTER E Figure

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MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Angle:52.1deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3821	3873	3866	3768	3763	3831	3958	3931	0- 10	377.5	377.5
20.0	2976	3042	2930	2984	3017	3155	3160	3278	10- 20	988.7	1366
30.0	2057	1911	1497	1815	1969	1842	1201	1897	20- 30	1128	2495
40.0	831.6	872.1	715.1	808.4	803.4	750.2	663.1	813.7	30- 40	777.3	3272
50.0	485.4	443.4	453.5	430.7	474.1	405.1	428.2	414.6	40- 50	452.9	3725
60.0	276.2	239.8	257.3	231.4	268.6	211.9	238.1	217.3	50- 60	298.9	4024
70.0	85.37	81.17	80.50	72.74	75.99	54.10	57.75	59.70	60- 70	149.3	4173
80.0	32.39	30.41	23.82	27.52	24.18	17.82	16.33	18.63	70- 80	42.82	4216
90.0	15.07	10.24	4.783	9.476	13.62	9.521	8.483	9.386	80- 90	17.13	4233
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	

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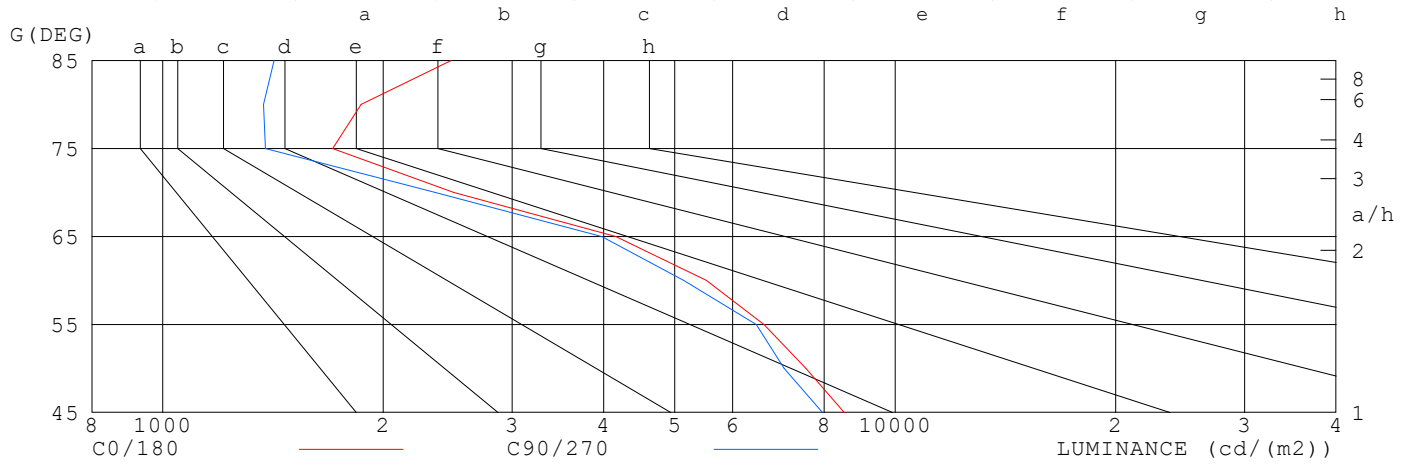
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K 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	2475	1419
80	1866	1372
75	1705	1381
70	2496	2354
65	4156	3974
60	5525	5146
55	6620	6464
50	7552	7055
45	8521	7960

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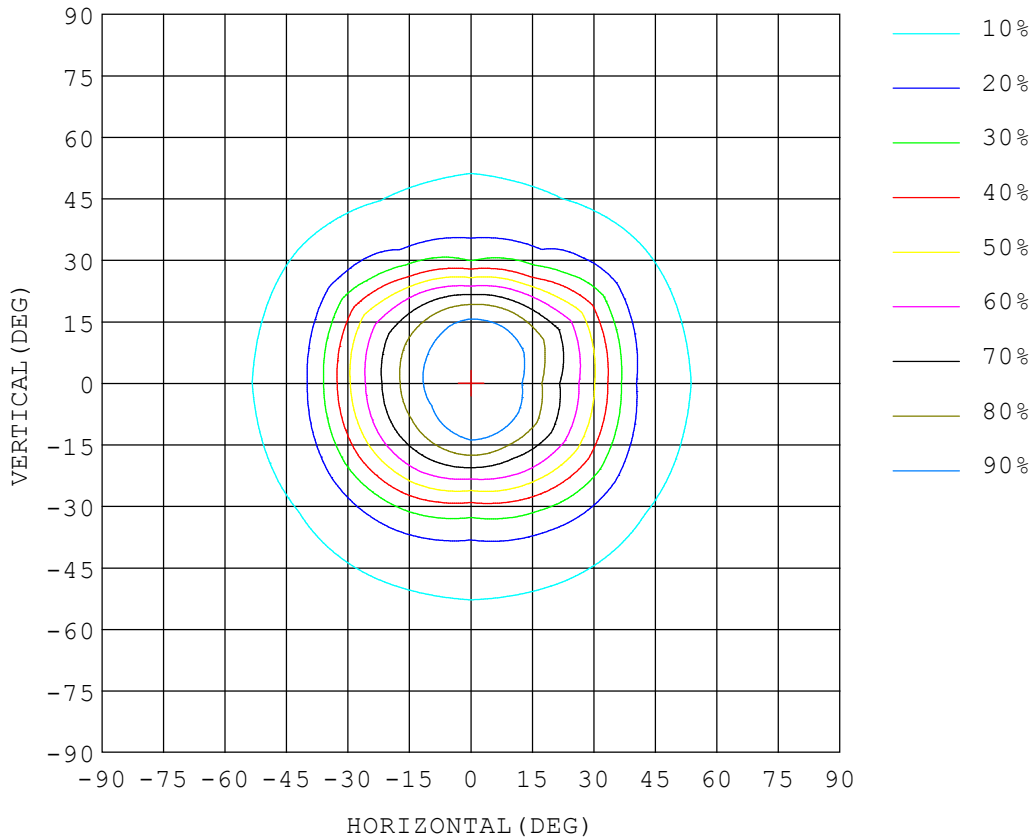
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ISOCANDELA DIAGRAM

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

UNIT: cd



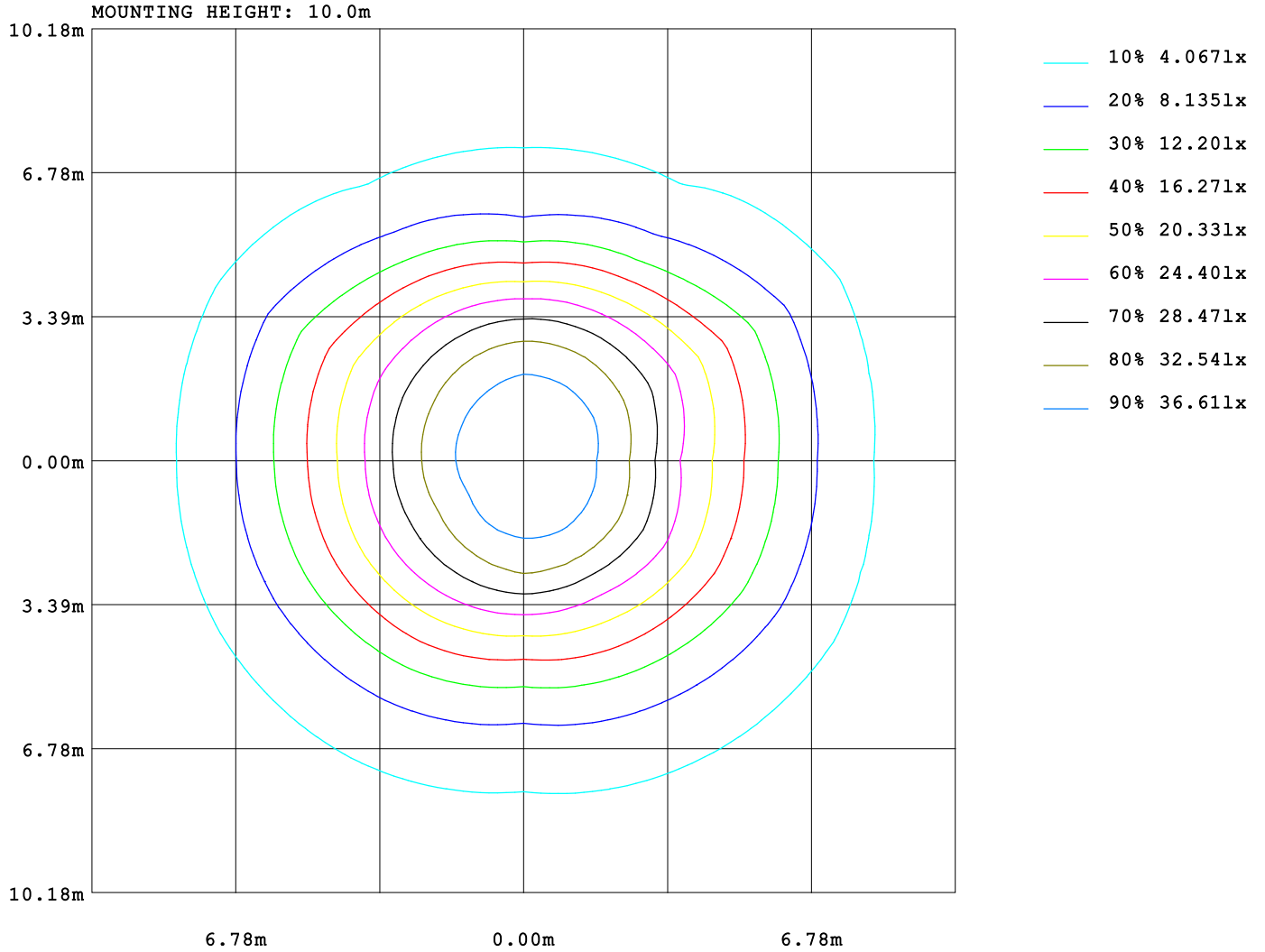
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ISOLUX DIAGRAM

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



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 Temperature:25.3DEG
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AREA LUMINOUS FLUX

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K 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	0.04	0.11	0.19	0.24	0.24	0.20	0.21	0.27	0.32	0.32	0.27	0.20	0.20	0.24	0.24	0.20	0.12	0.04	3.64	0.00		
80	0.04	0.12	0.24	0.36	0.42	0.44	0.52	0.73	0.90	0.91	0.74	0.54	0.46	0.44	0.38	0.27	0.15	0.04	7.69	0.00		
70	0.04	0.15	0.33	0.59	0.93	1.47	2.20	3.25	4.08	4.11	3.33	2.31	1.58	1.00	0.63	0.37	0.18	0.05	26.6	0.00		
60	0.04	0.18	0.45	1.17	2.59	4.30	5.96	8.04	9.65	9.70	8.19	6.15	4.44	2.71	1.27	0.51	0.22	0.05	65.6	1.13		
50	0.04	0.21	0.70	2.34	4.92	7.77	10.5	13.5	15.8	15.9	13.8	10.8	7.94	5.02	2.46	0.79	0.26	0.06	113	64.0		
40	0.05	0.24	1.11	3.66	7.35	11.8	17.5	22.6	26.7	26.7	22.7	18.3	12.3	7.45	3.76	1.22	0.30	0.06	184	158		
30	0.05	0.28	1.57	4.88	9.64	18.8	35.3	53.2	65.4	65.5	53.3	37.6	20.5	9.89	4.97	1.68	0.35	0.06	383	365		
20	0.05	0.32	1.95	5.83	11.7	28.0	59.9	87.7	107	108	91.0	63.8	30.7	12.1	5.94	2.07	0.39	0.07	617	602		
10	0.05	0.34	2.18	6.42	13.1	33.4	69.0	99.7	118	120	102	71.4	35.8	13.5	6.54	2.30	0.42	0.07	695	682		
0	0.05	0.34	2.17	6.38	13.0	32.6	67.1	97.6	117	119	101	69.4	35.0	13.4	6.52	2.30	0.42	0.07	683	670		
-10	0.05	0.32	1.91	5.71	11.5	26.4	55.5	83.4	102	103	85.8	59.4	29.1	12.0	5.87	2.05	0.39	0.07	585	570		
-20	0.05	0.28	1.52	4.70	9.39	18.2	35.7	55.3	66.3	66.5	56.5	38.5	19.9	9.72	4.86	1.65	0.34	0.06	390	371		
-30	0.05	0.23	1.06	3.47	7.01	12.2	19.7	28.1	32.2	32.4	28.8	20.8	12.7	7.27	3.66	1.19	0.29	0.06	212	187		
-40	0.04	0.20	0.66	2.18	4.85	8.34	12.1	15.4	17.2	17.3	15.7	12.4	8.60	5.07	2.38	0.77	0.25	0.05	124	86.2		
-50	0.04	0.17	0.42	1.08	2.79	5.08	7.45	9.46	10.7	10.7	9.60	7.63	5.28	3.00	1.24	0.50	0.21	0.05	75.6	7.95		
-60	0.04	0.14	0.30	0.58	1.18	2.25	3.48	4.43	5.01	5.04	4.53	3.63	2.42	1.31	0.66	0.36	0.17	0.05	35.6	0.00		
-70	0.04	0.11	0.20	0.37	0.62	0.92	1.20	1.33	1.36	1.38	1.38	1.27	0.99	0.68	0.42	0.25	0.14	0.04	12.7	0.00		
-80	0.03	0.09	0.14	0.20	0.31	0.44	0.51	0.49	0.44	0.45	0.51	0.54	0.47	0.35	0.23	0.16	0.11	0.04	5.51	0.00		
-90																						
Φ t	0.78	3.82	17.1	50.2	102	213	404	585	700	708	600	425	229	105	52.1	18.6	4.70	0.98	4233			
Φ a	0.00	0.00	0.00	5.92	64.7	180	373	555	671	679	569	394	196	68.9	7.36	0.00	0.00	0.00		3771		

Test System:HOPOO HPG1800
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 Operators:
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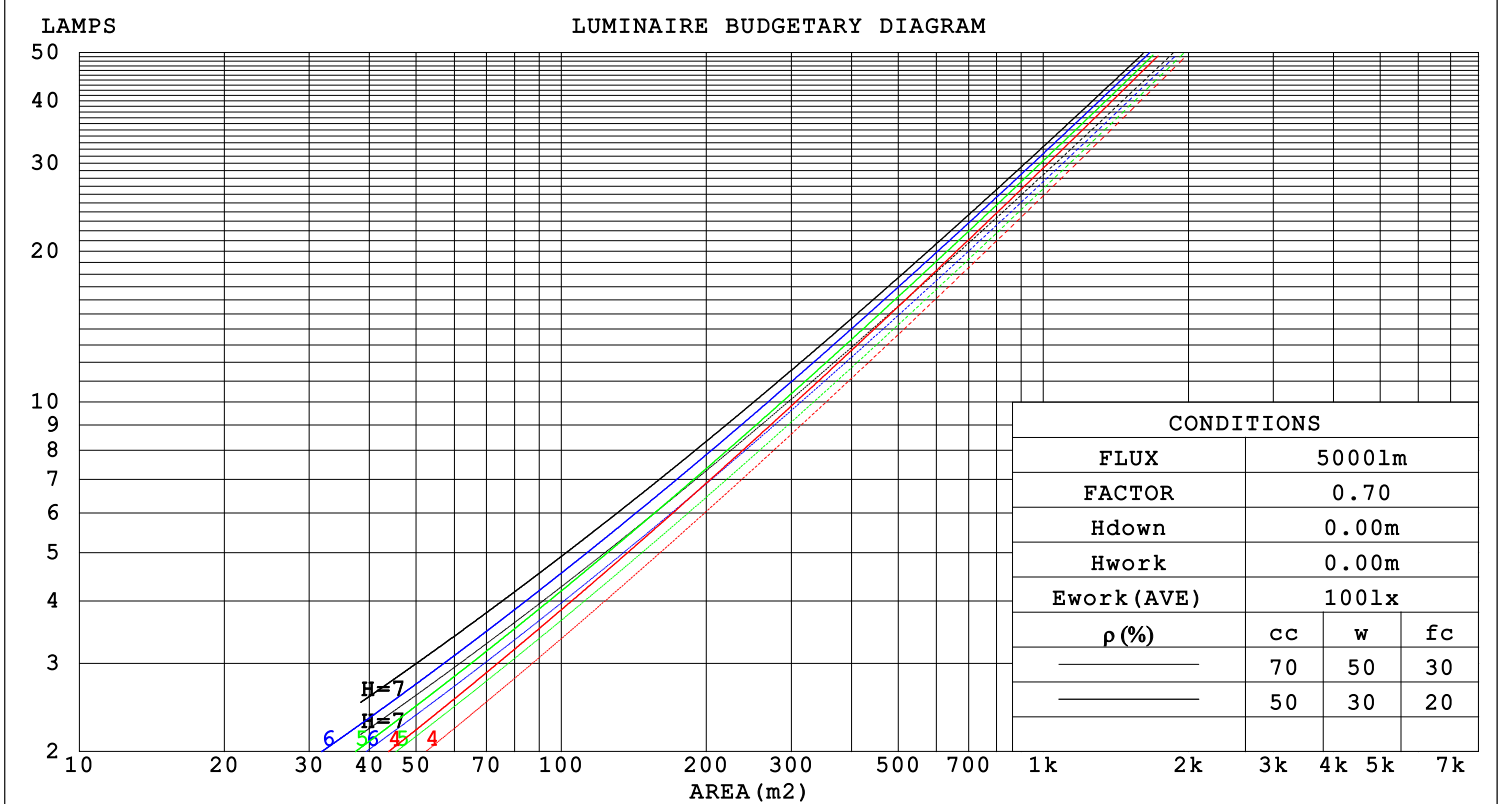
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K 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	.87	.84	.83
3.0	.92	.86	.81	.90	.85	.81	.88	.83	.79	.85	.81	.78	.83	.80	.77	.75
4.0	.85	.78	.73	.83	.77	.73	.81	.76	.72	.79	.75	.71	.77	.73	.70	.68
5.0	.78	.72	.67	.77	.71	.66	.75	.70	.66	.74	.69	.65	.72	.68	.64	.63
6.0	.73	.66	.61	.72	.65	.61	.70	.65	.60	.69	.64	.60	.67	.63	.59	.58
7.0	.68	.61	.56	.67	.61	.56	.66	.60	.56	.64	.59	.55	.63	.59	.55	.54
8.0	.63	.57	.52	.63	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.50
9.0	.60	.53	.49	.59	.53	.49	.58	.52	.48	.57	.52	.48	.56	.51	.48	.46
10.0	.56	.50	.45	.56	.49	.45	.55	.49	.45	.54	.49	.45	.53	.48	.45	.44



Test System:HOPOO HPG1800
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 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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WEC AND CCEC

Report number:

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005														
NAME: 1031-1-2-1-2					TYPE: .5W 3K 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	.178	.103	.033	.167	.097	.031	
2.0	.201	.110	.034	.195	.108	.033	.185	.103	.032	.174	.098	.031	.165	.093	.029	
3.0	.191	.102	.030	.186	.100	.030	.176	.096	.029	.168	.092	.028	.160	.088	.027	
4.0	.180	.094	.028	.176	.092	.027	.168	.089	.027	.160	.086	.026	.153	.083	.025	
5.0	.171	.087	.025	.167	.086	.025	.160	.083	.024	.153	.081	.024	.147	.078	.024	
6.0	.161	.081	.023	.158	.080	.023	.152	.078	.023	.146	.076	.022	.140	.074	.022	
7.0	.153	.076	.021	.150	.075	.021	.144	.073	.021	.139	.071	.021	.134	.070	.020	
8.0	.145	.071	.020	.142	.070	.020	.137	.069	.020	.133	.067	.019	.128	.066	.019	
9.0	.138	.067	.019	.136	.066	.019	.131	.065	.018	.127	.064	.018	.123	.062	.018	
10.0	.131	.063	.017	.129	.062	.017	.125	.061	.017	.121	.060	.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	.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	.039	.017	.015	.013	
3.0	.149	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.140	.099	.069	.120	.086	.060	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.132	.088	.056	.113	.076	.049	.078	.053	.034	.045	.031	.020	.015	.010	.007	
6.0	.125	.079	.047	.107	.069	.041	.074	.048	.029	.043	.028	.017	.014	.009	.006	
7.0	.118	.072	.039	.102	.062	.034	.070	.044	.024	.041	.026	.015	.013	.008	.005	
8.0	.112	.066	.034	.097	.057	.030	.067	.040	.021	.039	.024	.012	.013	.008	.004	
9.0	.107	.061	.029	.092	.053	.026	.064	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.102	.056	.026	.088	.049	.023	.061	.034	.016	.036	.020	.010	.012	.007	.003	

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 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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Uncorrected UGR Table

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Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K 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	17.2	18.3	17.4	18.5	18.6	16.9	18.0	17.1	18.1	18.3
3H	17.4	18.4	17.6	18.6	18.8	17.1	18.1	17.4	18.3	18.5
4H	17.4	18.3	17.6	18.6	18.8	17.1	18.1	17.4	18.3	18.5
6H	17.4	18.3	17.7	18.5	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	17.1	17.9	17.4	18.2	18.5
4H 2H	17.3	18.3	17.6	18.5	18.7	17.0	18.0	17.3	18.2	18.4
3H	17.5	18.3	17.8	18.6	18.9	17.3	18.2	17.7	18.5	18.7
4H	17.5	18.3	17.9	18.6	18.9	17.4	18.2	17.8	18.5	18.8
6H	17.6	18.3	18.0	18.6	19.0	17.5	18.1	17.8	18.5	18.8
8H	17.6	18.3	18.0	18.6	19.0	17.5	18.1	17.9	18.4	18.8
12H	17.7	18.3	18.1	18.6	19.0	17.5	18.0	17.9	18.4	18.8
8H 4H	17.5	18.1	17.9	18.5	18.8	17.4	18.0	17.8	18.3	18.7
6H	17.6	18.1	18.0	18.5	18.9	17.5	18.0	17.9	18.4	18.8
8H	17.7	18.1	18.1	18.5	19.0	17.5	18.0	18.0	18.4	18.8
12H	17.8	18.2	18.2	18.6	19.1	17.6	18.0	18.1	18.4	18.9
12H 4H	17.5	18.0	17.9	18.4	18.8	17.3	17.9	17.7	18.3	18.7
6H	17.6	18.0	18.0	18.5	18.9	17.5	17.9	17.9	18.3	18.8
8H	17.7	18.1	18.1	18.5	19.0	17.5	17.9	18.0	18.4	18.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.9 / - 0.9					+ 0.7 / - 0.8				
1.5H	+ 1.2 / - 0.9					+ 0.6 / - 0.6				
2.0H	+ 1.1 / - 1.5					+ 1.1 / - 1.1				

CIE Pub.117 Corrected 4233 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.0)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

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: 1031-1-2-1-2	TYPE: .5W 3K 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	90	86	96	90	85	94	89	85	80
1.50	101	94	90	99	94	90	97	92	88	83
2.00	105	99	95	103	98	95	100	96	93	87
2.50	107	102	98	105	101	97	102	98	96	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	110	106	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			

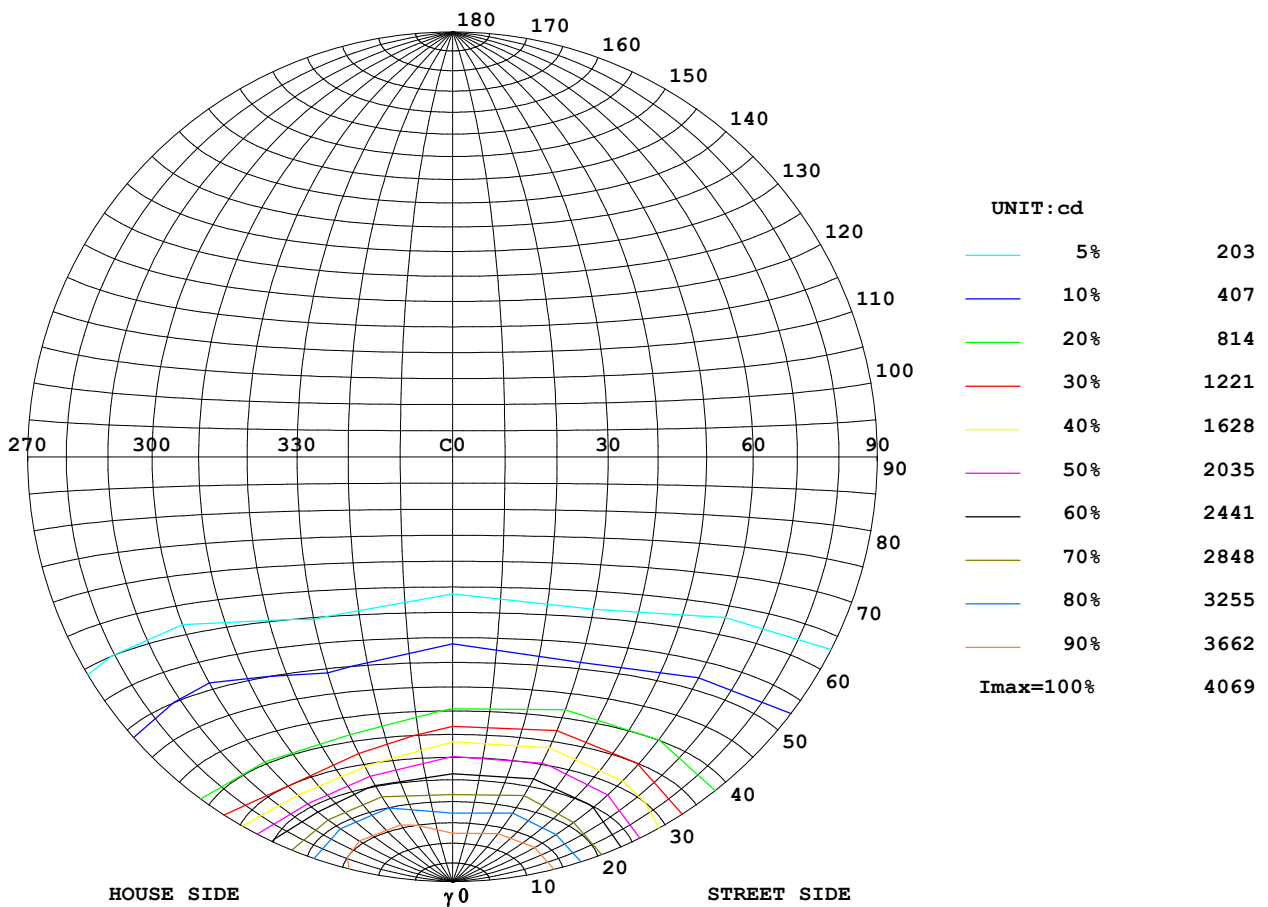
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

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: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

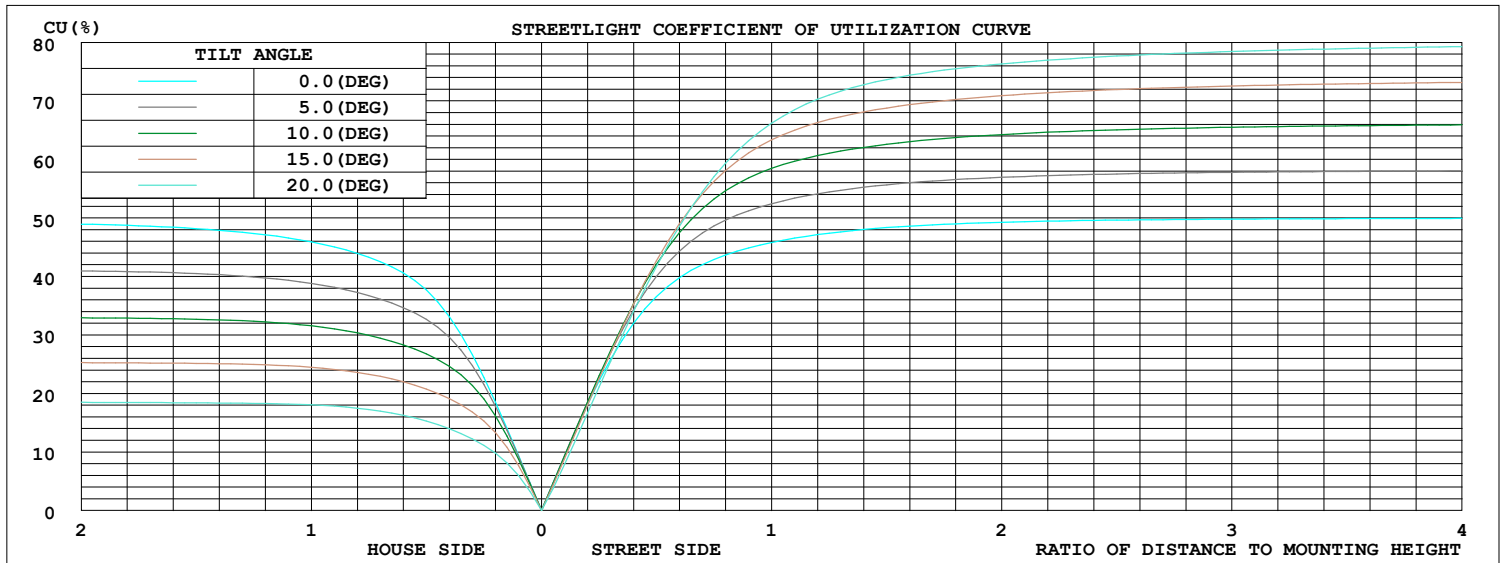
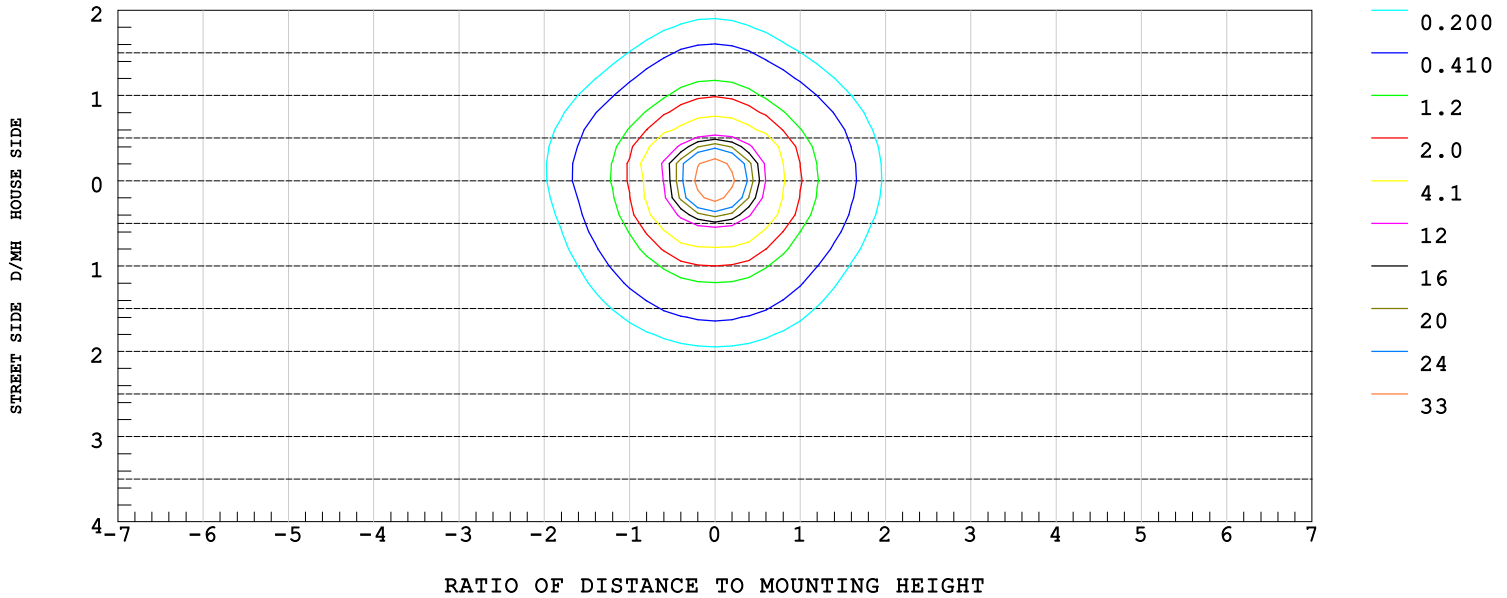
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 40.68 lx



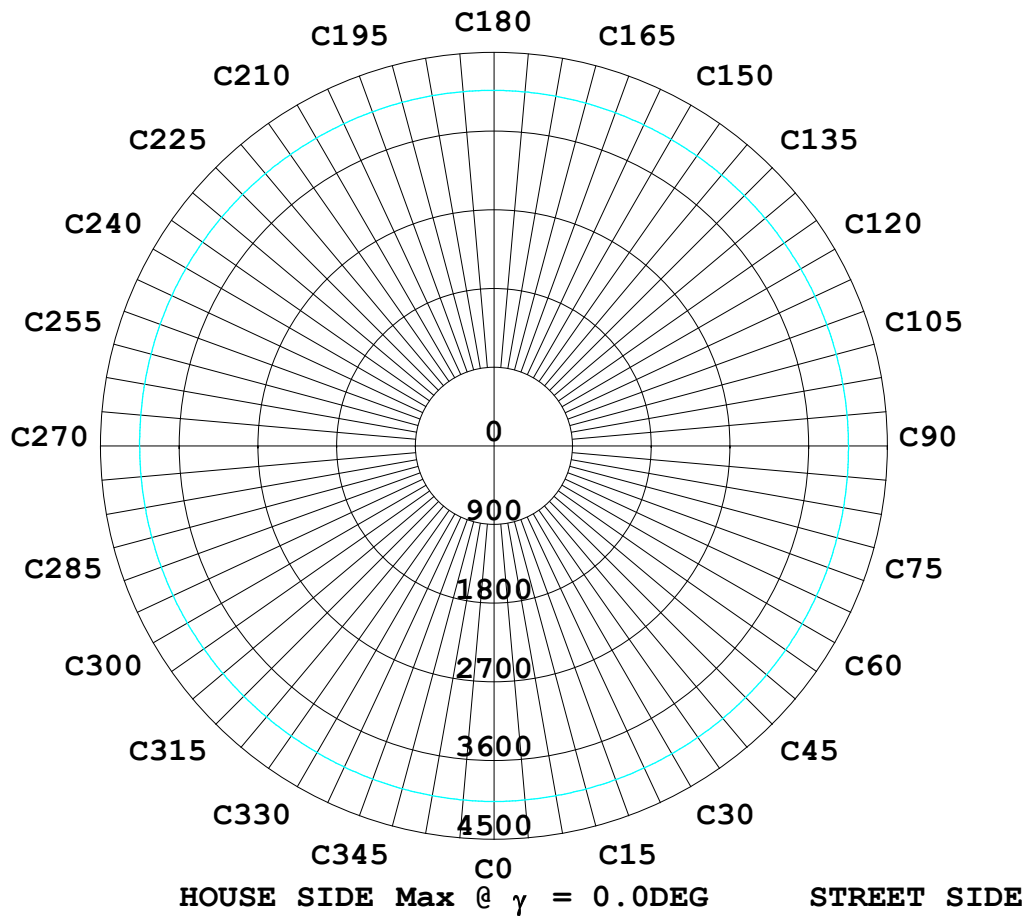
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

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: 1031-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*190*31	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-08-2023

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: 1031-1-2-1-2	TYPE: .5W 3K 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	4068	4066	4069	4054	4051	4050	4068	4066	4069	4054	4051	4050
5.0	4018	4024	4036	4016	3983	3936	3975	3985	4002	4034	4039	4037
10.0	3821	3852	3894	3866	3810	3726	3763	3800	3862	3958	3947	3915
15.0	3494	3585	3576	3601	3491	3403	3446	3517	3619	3734	3734	3657
20.0	2976	3137	2947	2930	2963	3005	3017	3147	3163	3160	3248	3308
25.0	2584	2636	2424	2198	2401	2495	2519	2688	2461	2176	2472	2847
30.0	2057	2061	1760	1497	1732	1897	1969	2119	1566	1201	1519	2274
35.0	1424	1463	1205	991	1172	1299	1315	1443	884	825	882	1597
40.0	832	929	815	715	789	828	803	871	630	663	644	984
45.0	603	587	589	563	571	559	592	569	491	536	503	601
50.0	485	435	452	454	442	420	474	435	375	428	386	443
55.0	380	321	347	371	338	310	374	333	274	334	282	336
60.0	276	229	251	257	245	218	269	235	189	238	196	239
65.0	176	149	171	168	164	137	164	148	109	138	114	154
70.0	85.3	70.7	91.6	80.5	85.5	59.9	75.9	67.6	40.5	57.7	44.1	75.2
75.0	44.1	36.2	49.4	35.7	46.4	32.1	33.1	35.5	18.4	26.5	18.9	37.5
80.0	32.3	26.0	34.7	23.8	32.5	22.4	24.1	24.9	10.6	16.3	10.7	26.5
85.0	21.5	15.1	21.0	12.3	20.0	12.5	16.0	16.5	5.86	10.3	5.77	17.5
90.0	15.0	9.11	11.3	4.78	10.7	8.21	13.6	12.9	6.13	8.48	5.77	12.9

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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