

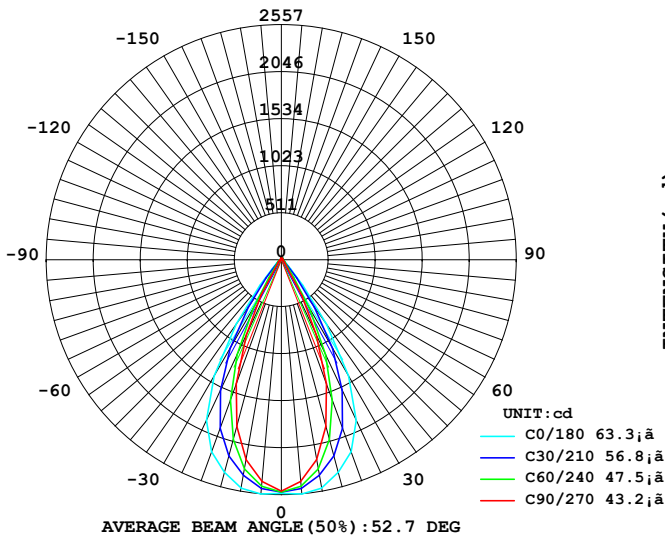
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

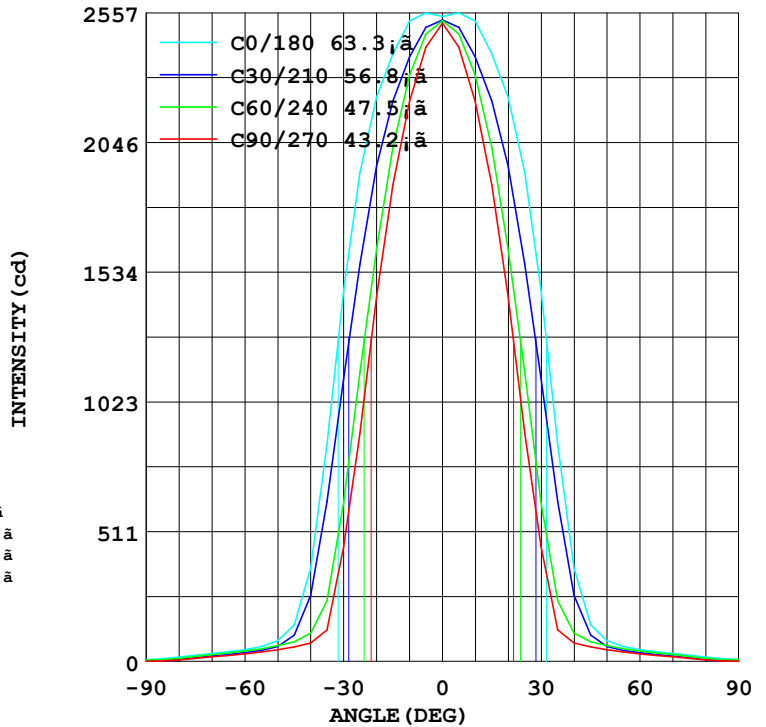
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

DATA OF LAMP		Imax (cd)	2557	S/MH (C0/180)	0.93
MODEL	1011-1-2-3-2-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.67
NOMINAL POWER (W)	22	TOTAL FLUX (lm)	1988.1	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	129.1	Current (A)	0.100
NOMINAL FLUX (lm)	1988.2	η up (%)	2.7	Power (W)	15.40
LAMPS QUANTITY	1	η down (%)	97.3	Power Factor (PF)	0.981
TEST VOLTAGE (V)	219.1	Effective Flux (lm)	1725.9	EEL	0.122

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-12-2023

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

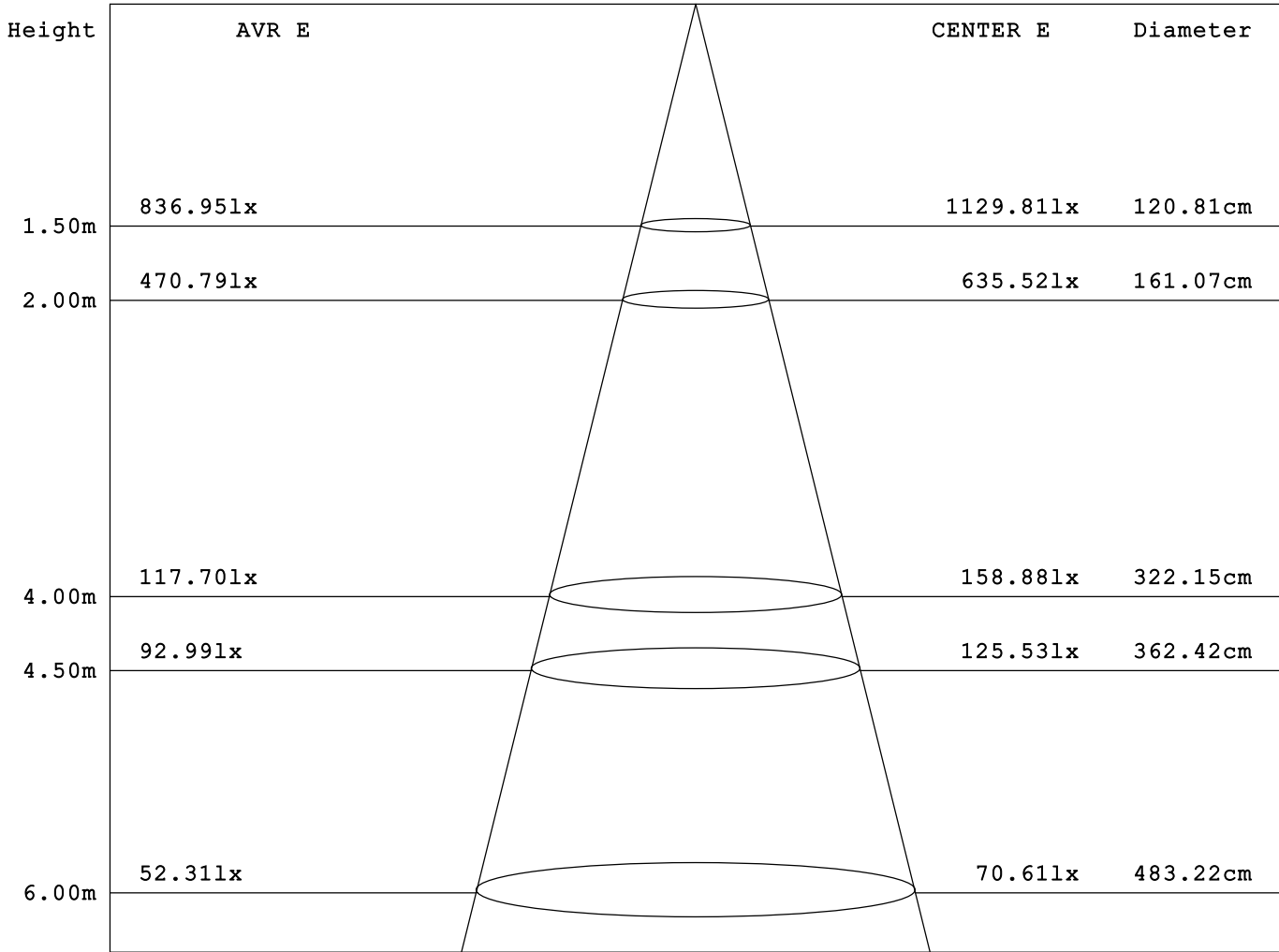
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Angle:43.9deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2524	2348	2208	2348	2524	2348	2208	2348	0- 10	233.1	233.1
20.0	2225	1789	1439	1789	2225	1789	1439	1789	10- 20	589.3	822.4
30.0	1462	870.1	451.6	870.1	1462	870.1	451.6	870.1	20- 30	620.7	1443
40.0	367.1	186.0	72.65	186.0	367.1	186.0	72.65	186.0	30- 40	307.6	1751
50.0	80.77	60.51	45.93	60.51	80.77	60.51	45.93	60.51	40- 50	85.28	1836
60.0	45.75	37.63	29.24	37.63	45.75	37.63	29.24	37.63	50- 60	43.22	1879
70.0	31.13	23.73	18.77	23.73	31.13	23.73	18.77	23.73	60- 70	30.39	1910
80.0	17.59	9.927	5.685	9.927	17.59	9.927	5.685	9.927	70- 80	18.30	1928
90.0	7.220	3.655	1.173	3.655	7.220	3.655	1.173	3.655	80- 90	6.750	1935
100.0	6.498	3.610	1.444	3.610	6.498	3.610	1.444	3.610	90-100	4.098	1939
110.0	6.949	4.422	2.346	4.422	6.949	4.422	2.346	4.422	100-110	4.306	1943
120.0	8.483	6.182	4.422	6.182	8.483	6.182	4.422	6.182	110-120	5.246	1948
130.0	10.92	9.070	7.671	9.070	10.92	9.070	7.671	9.070	120-130	6.859	1955
140.0	13.80	12.40	11.73	12.40	13.80	12.40	11.73	12.40	130-140	8.361	1964
150.0	16.60	15.74	15.52	15.74	16.60	15.74	15.52	15.74	140-150	8.918	1973
160.0	19.04	18.54	18.23	18.54	19.04	18.54	18.23	18.54	150-160	7.957	1981
170.0	21.75	20.71	19.94	20.71	21.75	20.71	19.94	20.71	160-170	5.561	1986
180.0	23.10	21.79	21.11	21.79	23.10	21.79	21.11	21.79	170-180	2.030	1988
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

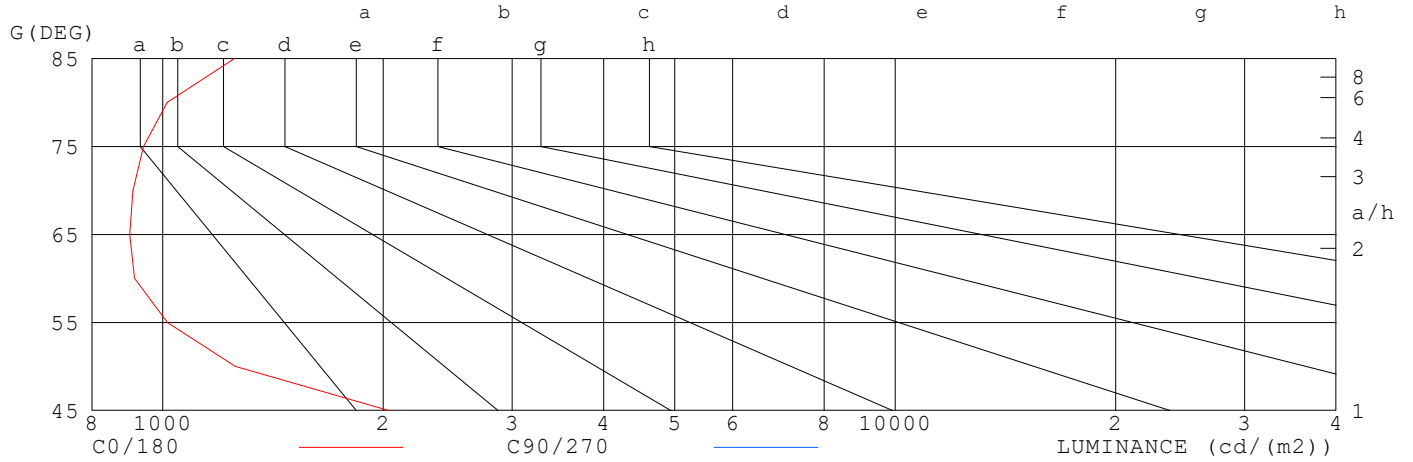
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	1253	166
80	1013	327
75	941	485
70	910	549
65	901	566
60	915	585
55	1015	647
50	1257	715
45	2037	804

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

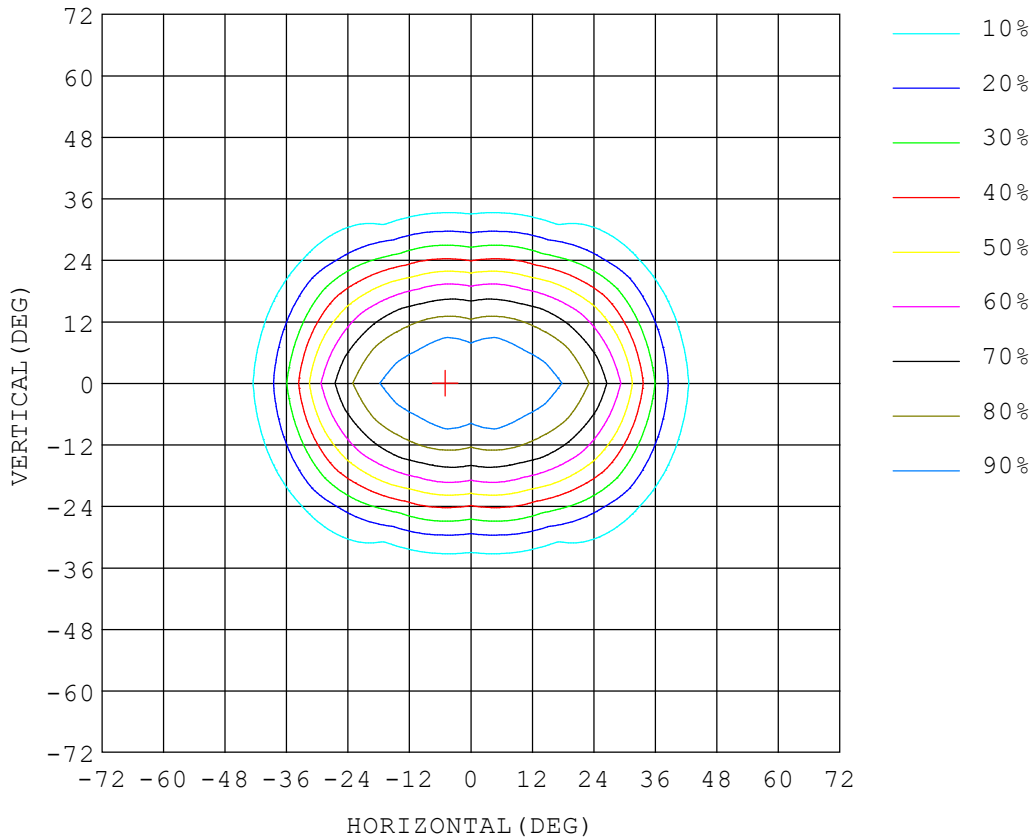
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

UNIT: cd



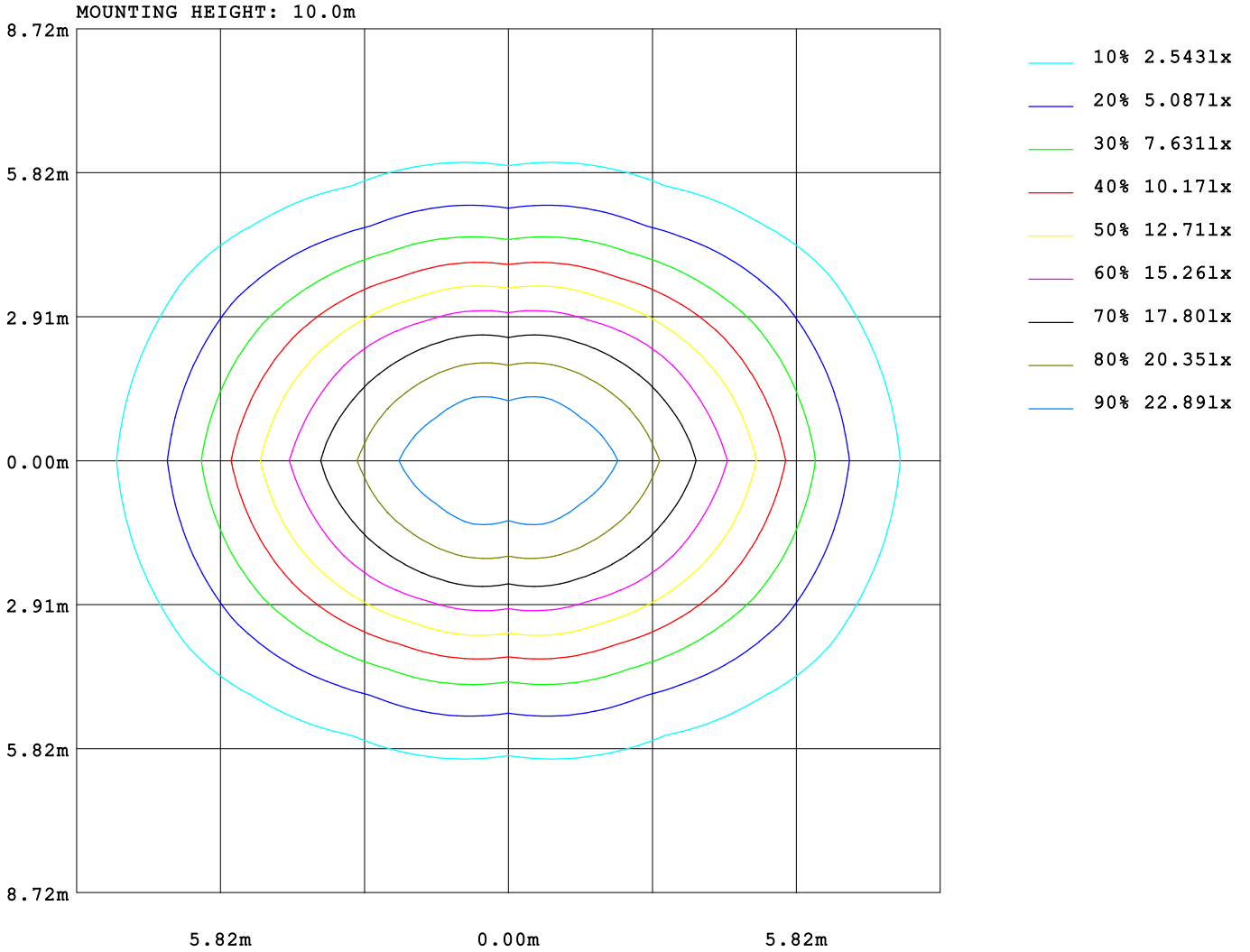
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm	Φ t	Φ a		
	0.06	0.09	0.15	0.25	0.34	0.44	0.46	0.46	0.43	0.43	0.46	0.46	0.44	0.34	0.25	0.15	0.09	0.06	5.35	0.00	
72	0.06	0.09	0.15	0.25	0.34	0.44	0.46	0.46	0.43	0.43	0.46	0.46	0.44	0.34	0.25	0.15	0.09	0.06	5.35	0.00	
64	0.09	0.14	0.22	0.34	0.47	0.60	0.65	0.65	0.61	0.61	0.65	0.65	0.60	0.47	0.34	0.22	0.14	0.09	7.55	0.00	
56	0.12	0.19	0.29	0.43	0.60	0.79	0.90	0.92	0.87	0.87	0.92	0.90	0.79	0.60	0.43	0.29	0.19	0.12	10.2	0.00	
48	0.15	0.24	0.36	0.53	0.77	1.04	1.25	1.32	1.26	1.26	1.32	1.25	1.04	0.77	0.53	0.36	0.24	0.15	13.8	0.00	
40	0.17	0.29	0.44	0.65	1.07	1.78	2.39	2.89	3.06	3.06	2.89	2.39	1.78	1.07	0.65	0.44	0.29	0.17	25.5	2.13	
32	0.19	0.34	0.53	0.89	2.04	4.85	8.13	11.2	12.8	12.8	11.2	8.13	4.85	2.04	0.89	0.53	0.34	0.19	82.1	69.7	
24	0.21	0.38	0.64	1.34	4.56	12.0	19.8	25.4	28.0	28.0	25.4	19.8	12.0	4.56	1.34	0.64	0.38	0.21	185	177	
16	0.23	0.42	0.76	2.07	8.13	20.1	30.9	37.7	40.6	40.6	37.7	30.9	20.1	8.13	2.07	0.76	0.42	0.23	282	276	
8	0.24	0.45	0.86	2.73	11.2	26.2	37.9	44.7	47.5	47.5	44.7	37.9	26.2	11.2	2.73	0.86	0.45	0.24	344	338	
0	0.24	0.45	0.86	2.73	11.2	26.2	37.9	44.7	47.5	47.5	44.7	37.9	26.2	11.2	2.73	0.86	0.45	0.24	344	338	
-8	0.23	0.42	0.76	2.07	8.13	20.1	30.9	37.7	40.6	40.6	37.7	30.9	20.1	8.13	2.07	0.76	0.42	0.23	282	276	
-16	0.21	0.38	0.64	1.34	4.56	12.0	19.8	25.4	28.0	28.0	25.4	19.8	12.0	4.56	1.34	0.64	0.38	0.21	185	177	
-24	0.19	0.34	0.53	0.89	2.04	4.85	8.13	11.2	12.8	12.8	11.2	8.13	4.85	2.04	0.89	0.53	0.34	0.19	82.1	69.7	
-32	0.17	0.29	0.44	0.65	1.07	1.78	2.39	2.89	3.06	3.06	2.89	2.39	1.78	1.07	0.65	0.44	0.29	0.17	25.5	2.13	
-40	0.15	0.24	0.36	0.53	0.77	1.04	1.25	1.32	1.26	1.26	1.32	1.25	1.04	0.77	0.53	0.36	0.24	0.15	13.8	0.00	
-48	0.12	0.19	0.29	0.43	0.60	0.79	0.90	0.92	0.87	0.87	0.92	0.90	0.79	0.60	0.43	0.29	0.19	0.12	10.2	0.00	
-56	0.09	0.14	0.22	0.34	0.47	0.60	0.65	0.65	0.61	0.61	0.65	0.65	0.60	0.47	0.34	0.22	0.14	0.09	7.55	0.00	
-64	0.06	0.09	0.15	0.25	0.34	0.44	0.46	0.46	0.43	0.43	0.46	0.46	0.44	0.34	0.25	0.15	0.09	0.06	5.35	0.00	
-72	0.06	0.09	0.15	0.25	0.34	0.44	0.46	0.46	0.43	0.43	0.46	0.46	0.44	0.34	0.25	0.15	0.09	0.06	5.35	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	2.93	5.06	8.49	18.5	58.5	136	205	251	271	271	251	205	136	58.5	18.5	8.49	5.06	2.93	1988		
Φ a	0.00	0.00	0.00	2.46	44.6	123	193	239	260	260	239	193	123	44.6	2.46	0.00	0.00	0.00		1726	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

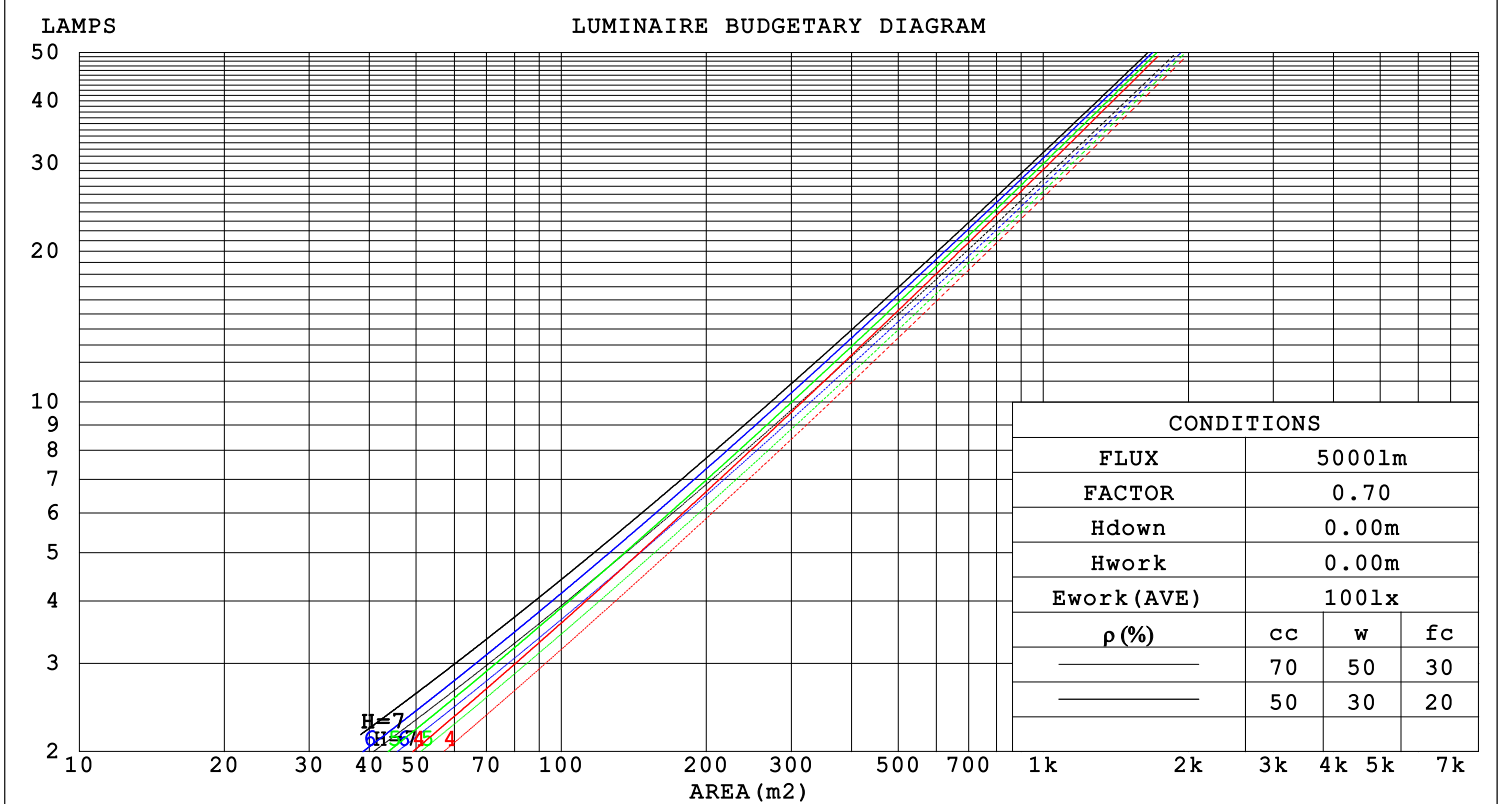
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.10	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.99	.98	.97	.96	.95	.93	.92	.90
2.0	1.02	.98	.94	.90	.96	.93	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.95	.90	.86	.93	.89	.85	.90	.86	.83	.87	.84	.81	.85	.82	.80	.78
4.0	.89	.83	.79	.87	.82	.78	.85	.80	.77	.82	.79	.76	.80	.77	.75	.73
5.0	.83	.77	.73	.82	.77	.72	.80	.75	.72	.78	.74	.71	.76	.73	.70	.68
6.0	.78	.72	.68	.77	.72	.68	.75	.71	.67	.74	.69	.66	.72	.68	.66	.64
7.0	.74	.68	.64	.73	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.60
8.0	.70	.64	.60	.69	.63	.59	.68	.63	.59	.66	.62	.59	.65	.61	.58	.57
9.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.55	.62	.58	.55	.54
10.0	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.52	.59	.55	.52	.51



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005														
NAME: 1011-1-2-3-2-2					TYPE: .5w 4k cri90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*42*36					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	.187	.106	.034	.180	.102	.033	.165	.095	.030	.152	.088	.028	.140	.081	.026	
2.0	.177	.097	.030	.171	.094	.029	.158	.088	.027	.147	.083	.026	.137	.078	.024	
3.0	.167	.089	.027	.161	.086	.026	.151	.082	.025	.141	.077	.024	.132	.073	.023	
4.0	.158	.082	.024	.153	.080	.024	.144	.076	.023	.135	.073	.022	.127	.069	.021	
5.0	.149	.076	.022	.145	.074	.022	.137	.071	.021	.130	.068	.020	.123	.066	.020	
6.0	.142	.071	.020	.138	.070	.020	.131	.067	.020	.124	.065	.019	.118	.062	.018	
7.0	.135	.067	.019	.131	.066	.019	.125	.063	.018	.119	.061	.018	.114	.059	.017	
8.0	.129	.063	.018	.126	.062	.017	.120	.060	.017	.115	.058	.017	.110	.056	.016	
9.0	.123	.059	.017	.120	.059	.016	.115	.057	.016	.110	.055	.016	.106	.054	.015	
10.0	.118	.056	.016	.115	.056	.016	.110	.054	.015	.106	.053	.015	.102	.051	.015	

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	.211	.211	.211	.180	.180	.180	.123	.123	.123	.071	.071	.071	.023	.023	.023	
1.0	.192	.178	.165	.165	.153	.142	.113	.105	.098	.065	.061	.057	.021	.020	.018	
2.0	.178	.153	.133	.152	.132	.115	.104	.091	.080	.060	.053	.047	.019	.017	.015	
3.0	.165	.134	.110	.142	.116	.095	.097	.081	.067	.056	.047	.039	.018	.015	.013	
4.0	.155	.120	.093	.133	.104	.081	.092	.072	.057	.053	.042	.034	.017	.014	.011	
5.0	.147	.108	.080	.126	.094	.070	.087	.066	.049	.050	.038	.029	.016	.013	.010	
6.0	.139	.099	.071	.119	.086	.061	.082	.060	.043	.048	.035	.026	.015	.012	.009	
7.0	.132	.092	.063	.114	.079	.055	.079	.056	.039	.046	.033	.023	.015	.011	.008	
8.0	.127	.085	.057	.109	.074	.050	.075	.052	.035	.044	.031	.021	.014	.010	.007	
9.0	.121	.080	.052	.105	.070	.046	.072	.049	.032	.042	.029	.019	.014	.009	.006	
10.0	.117	.076	.049	.101	.066	.042	.070	.046	.030	.041	.027	.018	.013	.009	.006	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	11.0	11.9	11.2	12.1	12.3	5.6	6.6	5.9	6.8	7.0
	3H	11.3	12.1	11.6	12.4	12.6	6.7	7.6	7.0	7.8	8.1
	4H	11.5	12.3	11.8	12.5	12.8	7.1	7.9	7.4	8.2	8.5
	6H	11.7	12.4	12.0	12.7	13.0	7.3	8.0	7.6	8.3	8.6
	8H	11.8	12.5	12.1	12.8	13.1	7.2	8.0	7.6	8.3	8.6
	12H	11.9	12.6	12.2	12.9	13.2	7.2	7.9	7.6	8.2	8.6
4H	2H	10.9	11.7	11.2	11.9	12.2	6.1	6.9	6.4	7.2	7.5
	3H	11.2	12.0	11.6	12.3	12.6	7.6	8.3	7.9	8.6	8.9
	4H	11.5	12.2	11.9	12.5	12.9	8.1	8.8	8.5	9.1	9.5
	6H	11.8	12.4	12.2	12.8	13.2	8.4	9.0	8.8	9.3	9.7
	8H	11.9	12.5	12.4	12.9	13.3	8.4	8.9	8.8	9.3	9.7
	12H	12.1	12.6	12.6	13.0	13.5	8.4	8.9	8.8	9.3	9.7
8H	4H	11.5	12.0	11.9	12.4	12.8	8.3	8.9	8.8	9.3	9.7
	6H	11.8	12.3	12.3	12.7	13.2	8.8	9.2	9.3	9.7	10.1
	8H	12.0	12.3	12.5	12.8	13.3	8.9	9.2	9.3	9.7	10.2
	12H	12.2	12.5	12.7	13.0	13.5	8.9	9.3	9.4	9.7	10.3
12H	4H	11.5	11.9	11.9	12.4	12.8	8.3	8.8	8.8	9.2	9.7
	6H	11.8	12.2	12.3	12.6	13.1	8.8	9.2	9.3	9.6	10.1
	8H	11.9	12.3	12.5	12.8	13.3	8.9	9.2	9.4	9.7	10.2

Variations with the observer position at spacings:		
S = 1.0H	+ 2.4 / - 1.8	+ 0.4 / - 0.4
1.5H	+ 4.3 / - 2.0	+ 0.3 / - 0.6
2.0H	+ 2.5 / - 1.0	+ 0.5 / - 1.1

CIE Pub.117 Corrected 1988 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	84	77	73	84	77	73	83	77	73	69
0.80	92	85	81	91	85	81	89	84	81	77
1.00	96	90	86	95	90	86	93	89	85	81
1.25	101	95	91	99	94	91	97	93	90	85
1.50	103	98	95	102	97	94	99	96	93	87
2.00	106	102	98	105	101	97	102	98	96	90
2.50	108	104	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	95
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

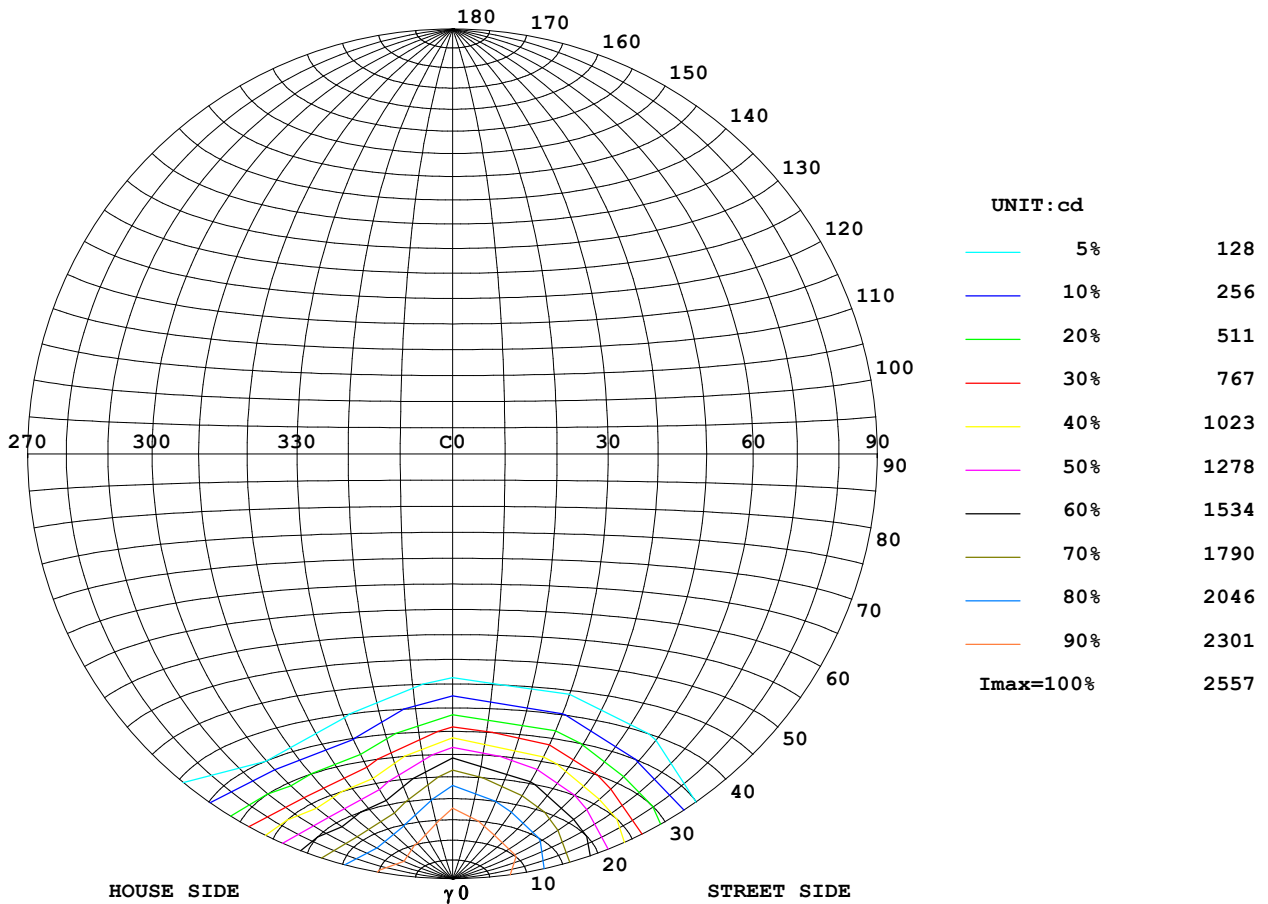
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

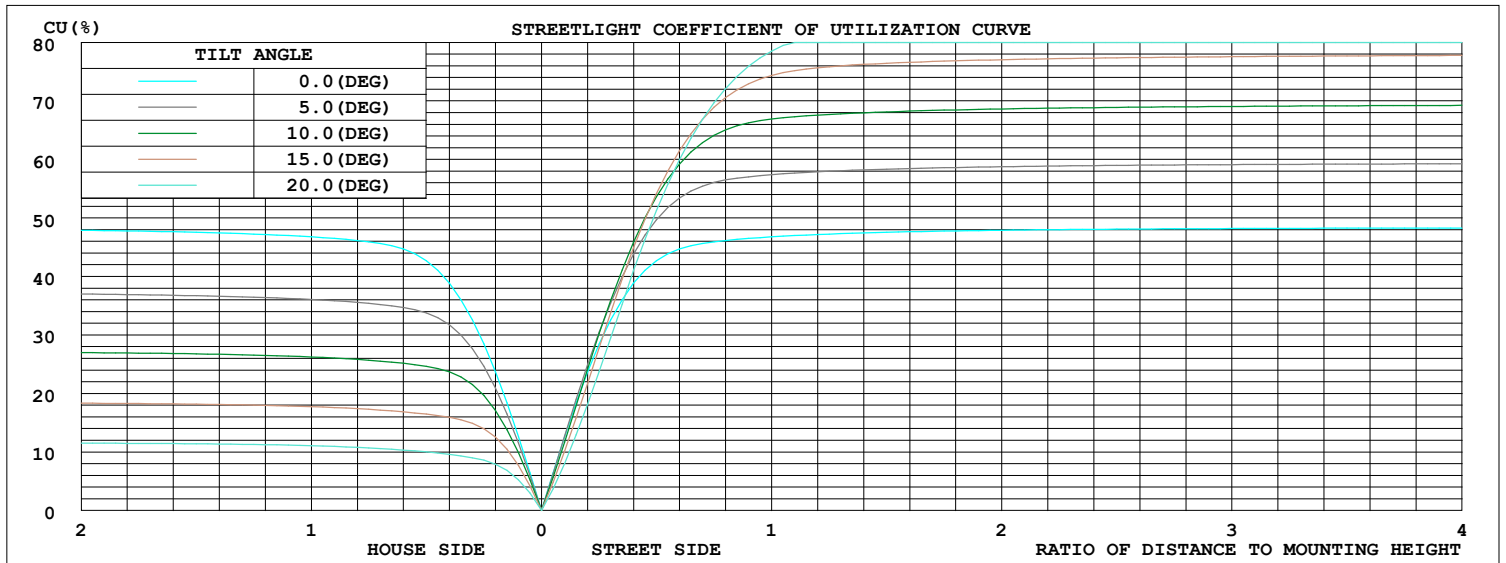
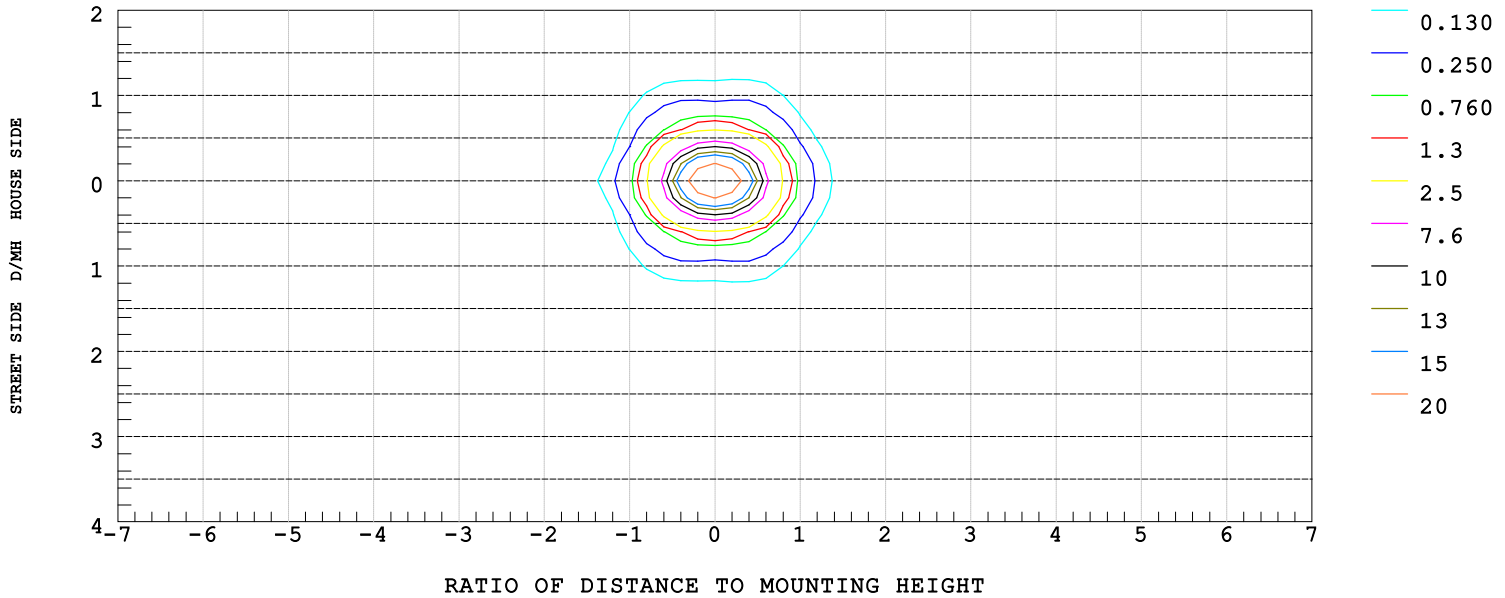
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 25.42 lx



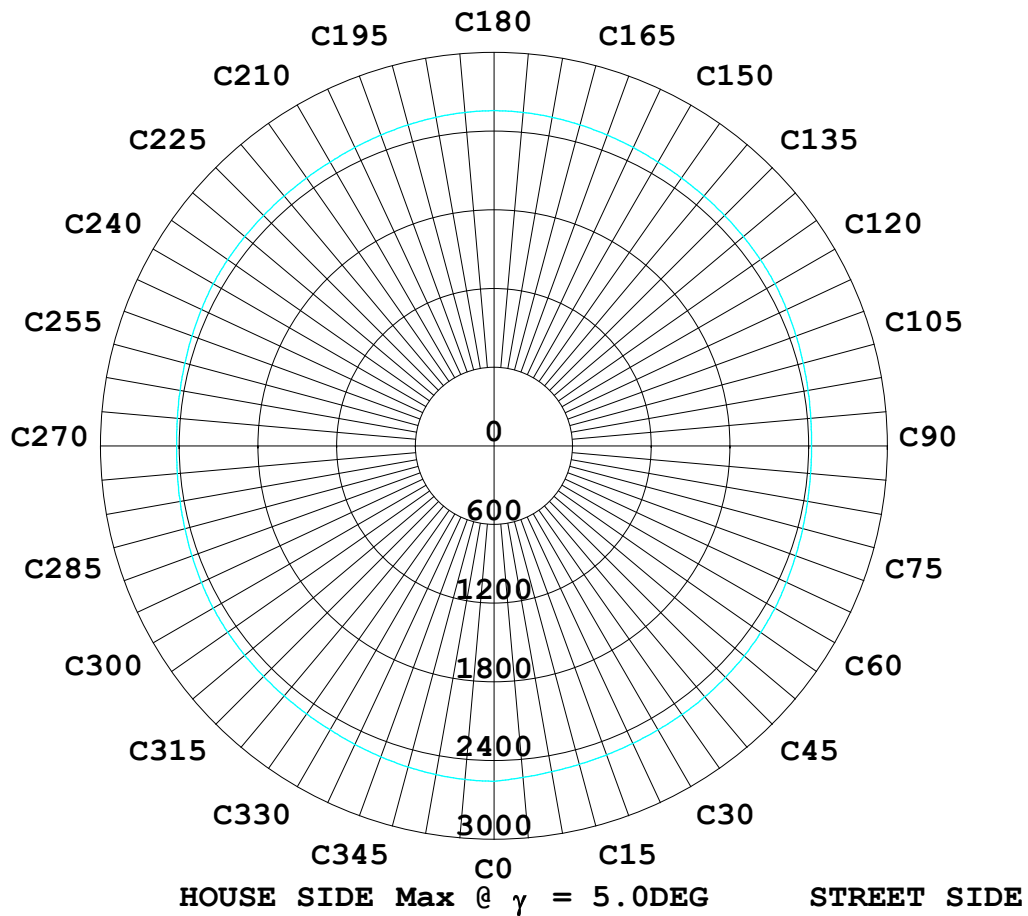
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-12-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-3-2-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2542	2528	2526	2516	2526	2528	2542	2528	2526	2516	2526	2528
5.0	2557	2500	2473	2421	2473	2500	2557	2500	2473	2421	2473	2500
10.0	2524	2383	2312	2208	2312	2383	2524	2383	2312	2208	2312	2383
15.0	2395	2210	2026	1879	2026	2210	2395	2210	2026	1879	2026	2210
20.0	2225	1953	1626	1439	1626	1953	2225	1953	1626	1439	1626	1953
25.0	1929	1566	1139	900	1139	1566	1929	1566	1139	900	1139	1566
30.0	1462	1114	626	452	626	1114	1462	1114	626	452	626	1114
35.0	856	630	239	124	239	630	856	630	239	124	239	630
40.0	367	261	111	72.6	111	261	367	261	111	72.6	111	261
45.0	144	104	77.5	56.8	77.5	104	144	104	77.5	56.8	77.5	104
50.0	80.7	58.6	62.3	45.9	62.3	58.6	80.7	58.6	62.3	45.9	62.3	58.6
55.0	58.2	43.5	50.3	37.0	50.3	43.5	58.2	43.5	50.3	37.0	50.3	43.5
60.0	45.7	34.2	41.0	29.2	41.0	34.2	45.7	34.2	41.0	29.2	41.0	34.2
65.0	38.0	26.8	33.6	23.9	33.6	26.8	38.0	26.8	33.6	23.9	33.6	26.8
70.0	31.1	20.5	26.8	18.7	26.8	20.5	31.1	20.5	26.8	18.7	26.8	20.5
75.0	24.3	13.8	19.7	12.5	19.7	13.8	24.3	13.8	19.7	12.5	19.7	13.8
80.0	17.5	7.31	12.5	5.68	12.5	7.31	17.5	7.31	12.5	5.68	12.5	7.31
85.0	10.9	2.43	7.03	1.44	7.03	2.43	10.9	2.43	7.03	1.44	7.03	2.43
90.0	7.22	1.35	5.95	1.17	5.95	1.35	7.22	1.35	5.95	1.17	5.95	1.35
95.0	6.76	1.62	5.59	1.17	5.59	1.62	6.76	1.62	5.59	1.17	5.59	1.62
100.0	6.49	1.89	5.32	1.44	5.32	1.89	6.49	1.89	5.32	1.44	5.32	1.89
105.0	6.58	2.52	5.41	1.71	5.41	2.52	6.58	2.52	5.41	1.71	5.41	2.52
110.0	6.94	3.24	5.59	2.34	5.59	3.24	6.94	3.24	5.59	2.34	5.59	3.24
115.0	7.58	4.15	6.13	3.06	6.13	4.15	7.58	4.15	6.13	3.06	6.13	4.15
120.0	8.48	5.41	6.94	4.42	6.94	5.41	8.48	5.41	6.94	4.42	6.94	5.41
125.0	9.65	6.85	8.21	5.95	8.21	6.85	9.65	6.85	8.21	5.95	8.21	6.85
130.0	10.9	8.48	9.65	7.67	9.65	8.48	10.9	8.48	9.65	7.67	9.65	8.48
135.0	12.3	10.1	11.2	9.65	11.2	10.1	12.3	10.1	11.2	9.65	11.2	10.1
140.0	13.8	11.8	12.9	11.7	12.9	11.8	13.8	11.8	12.9	11.7	12.9	11.8
145.0	15.1	13.6	14.8	13.6	14.8	13.6	15.1	13.6	14.8	13.6	14.8	13.6
150.0	16.6	15.1	16.3	15.5	16.3	15.1	16.6	15.1	16.3	15.5	16.3	15.1
155.0	17.7	16.6	17.7	17.2	17.7	16.6	17.7	16.6	17.7	17.2	17.7	16.6
160.0	19.0	17.9	19.1	18.2	19.1	17.9	19.0	17.9	19.1	18.2	19.1	17.9
165.0	20.3	19.2	20.2	19.2	20.2	19.2	20.3	19.2	20.2	19.2	20.2	19.2
170.0	21.7	20.4	20.9	19.9	20.9	20.4	21.7	20.4	20.9	19.9	20.9	20.4
175.0	22.7	21.2	21.5	20.5	21.5	21.2	22.7	21.2	21.5	20.5	21.5	21.2
180.0	23.1	21.8	21.7	21.1	21.7	21.8	23.1	21.8	21.7	21.1	21.7	21.8

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