

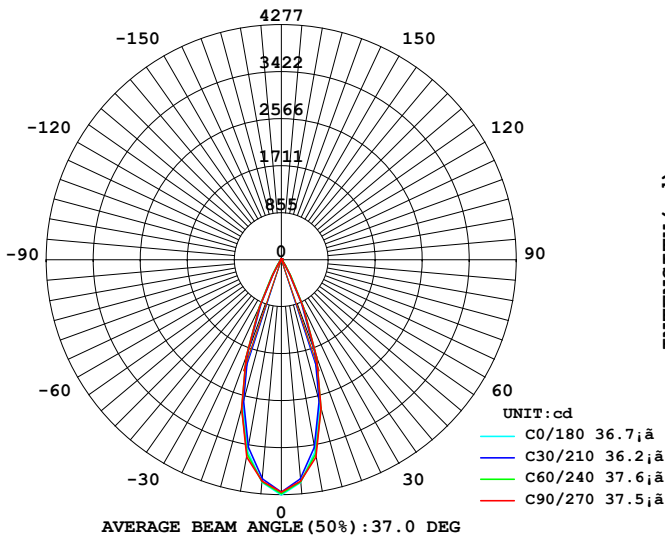
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

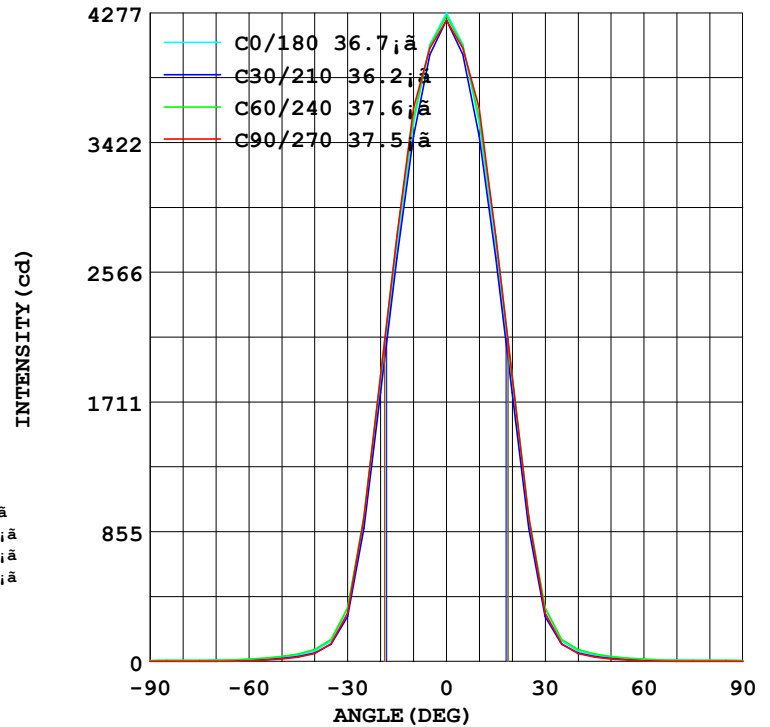
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

DATA OF LAMP		Imax (cd)	4277	S/MH (C0/180)	0.59
MODEL	1003-1-2-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.59
NOMINAL POWER (W)	15	TOTAL FLUX (lm)	1782.4	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	114.8	Current (A)	0.065
NOMINAL FLUX (lm)	1782.5	η up (%)	2.8	Power (W)	15.53
LAMPS QUANTITY	1	η down (%)	97.2	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	1569.5	EET	0.135

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-02-2023

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

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

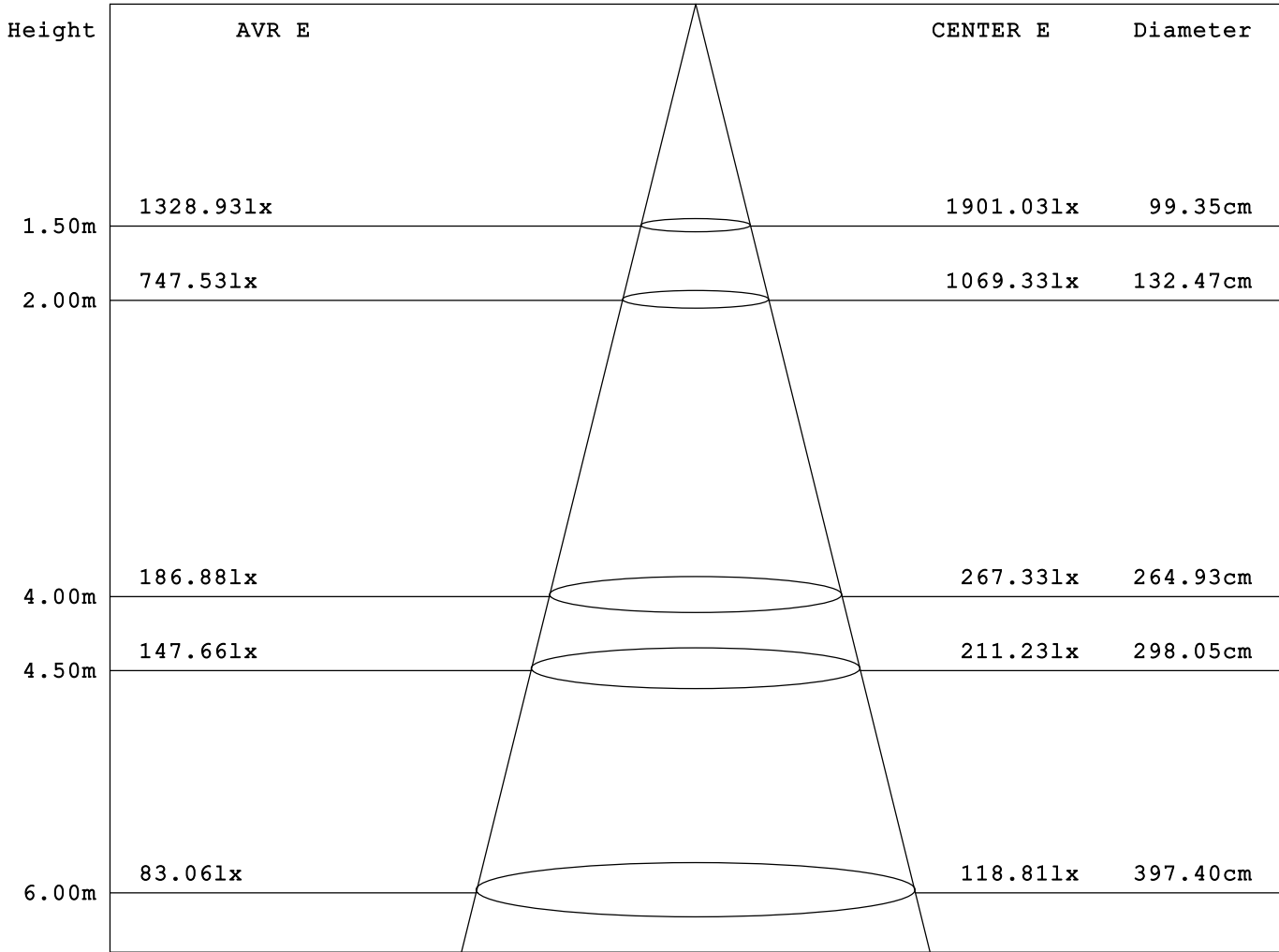
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-02-2023

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:



Angle:36.6deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3549	3526	3650	3526	3549	3526	3650	3526	0- 10	370.5	370.5
20.0	1813	1830	1886	1830	1813	1830	1886	1830	10- 20	750.5	1121
30.0	353.5	325.0	320.2	325.0	353.5	325.0	320.2	325.0	20- 30	448.4	1570
40.0	69.22	67.10	51.98	67.10	69.22	67.10	51.98	67.10	30- 40	99.51	1669
50.0	29.60	26.12	16.42	26.12	29.60	26.12	16.42	26.12	40- 50	32.23	1701
60.0	14.16	10.60	4.061	10.60	14.16	10.60	4.061	10.60	50- 60	14.99	1716
70.0	8.664	4.693	0.902	4.693	8.664	4.693	0.902	4.693	60- 70	6.654	1723
80.0	7.129	4.061	1.083	4.061	7.129	4.061	1.083	4.061	70- 80	4.632	1728
90.0	6.317	3.655	1.173	3.655	6.317	3.655	1.173	3.655	80- 90	4.192	1732
100.0	5.776	3.519	1.534	3.519	5.776	3.519	1.534	3.519	90-100	3.922	1736
110.0	6.046	3.925	1.985	3.925	6.046	3.925	1.985	3.925	100-110	3.937	1740
120.0	7.310	5.369	3.610	5.369	7.310	5.369	3.610	5.369	110-120	4.524	1744
130.0	9.837	8.212	6.678	8.212	9.837	8.212	6.678	8.212	120-130	6.012	1750
140.0	13.26	12.18	11.28	12.18	13.26	12.18	11.28	12.18	130-140	7.878	1758
150.0	16.60	16.10	15.70	16.10	16.60	16.10	15.70	16.10	140-150	8.886	1767
160.0	19.31	18.63	18.50	18.63	19.31	18.63	18.50	18.63	150-160	8.077	1775
170.0	21.38	20.12	19.40	20.12	21.38	20.12	19.40	20.12	160-170	5.503	1781
180.0	22.47	21.25	20.75	21.25	22.47	21.25	20.75	21.25	170-180	1.975	1782
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

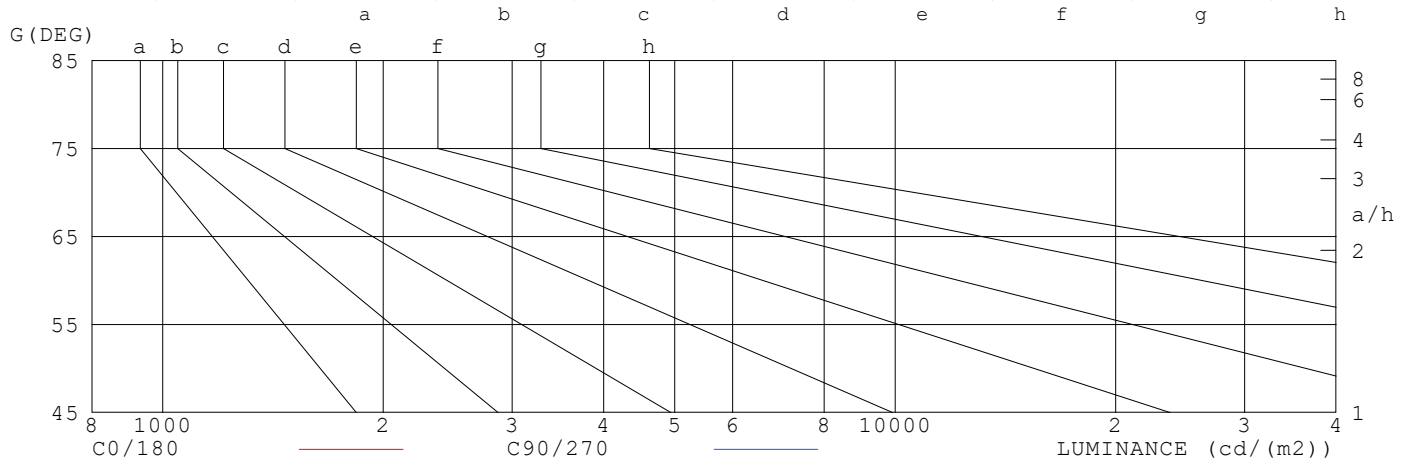
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	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	756	124
80	411	62
75	300	42
70	253	26
65	235	26
60	283	81
55	354	156
50	461	256
45	622	403

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

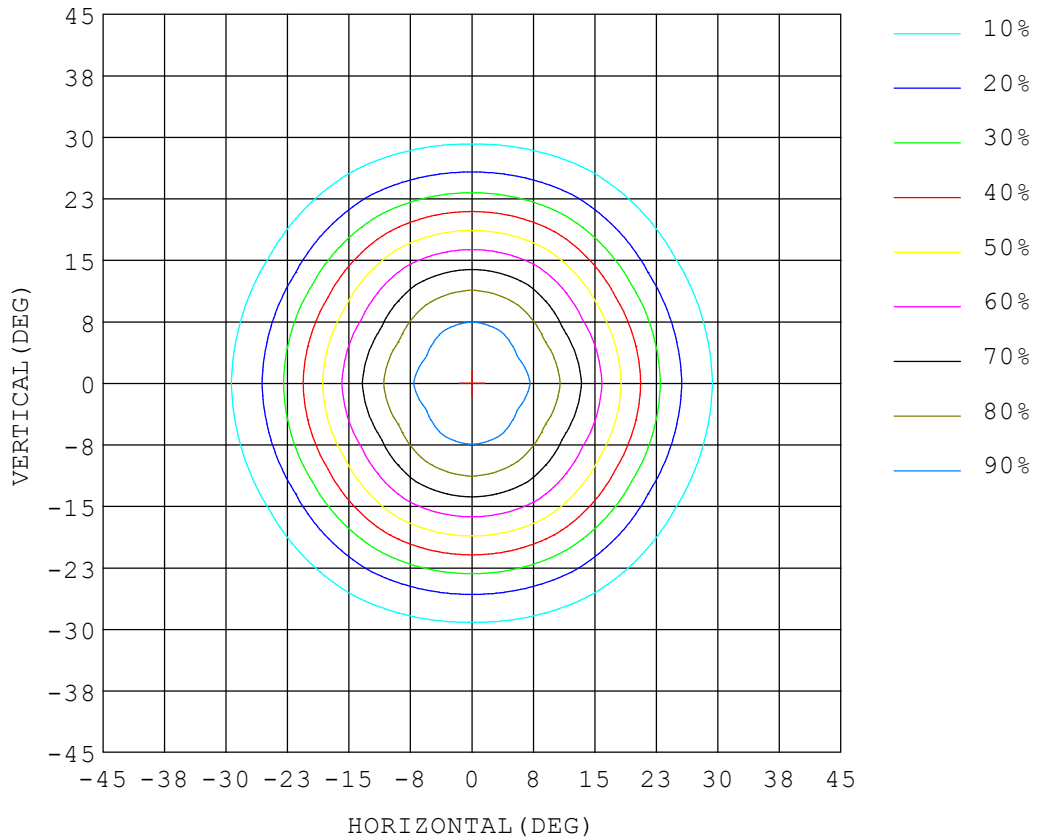
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

UNIT: cd



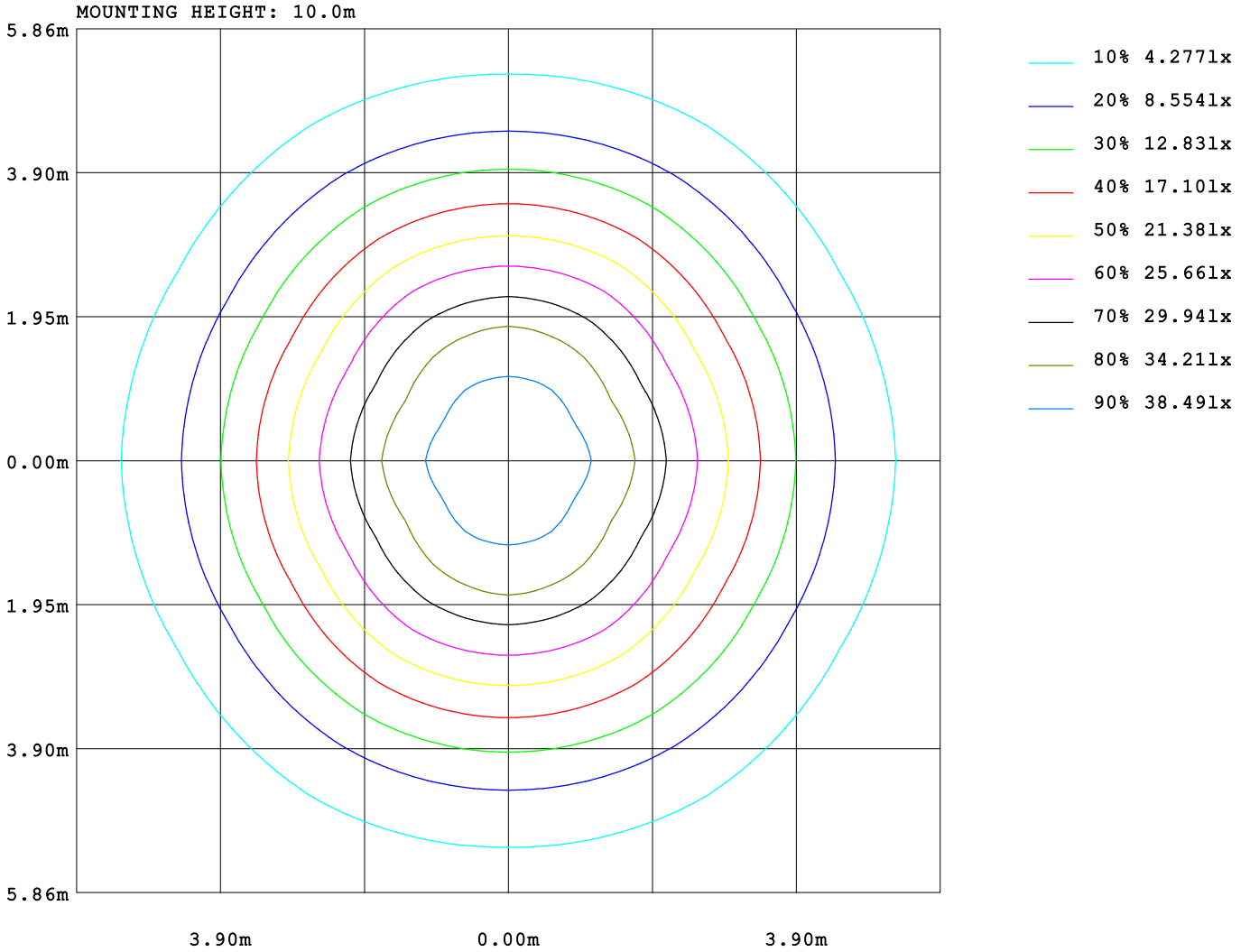
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45		
45	0.06	0.10	0.15	0.22	0.29	0.33	0.35	0.35	0.33	0.33	0.35	0.35	0.33	0.29	0.22	0.15	0.10	0.06	4.37	0.00	
40	0.08	0.13	0.20	0.29	0.41	0.53	0.61	0.66	0.66	0.66	0.66	0.61	0.53	0.41	0.29	0.20	0.13	0.08	7.14	0.00	
35	0.10	0.16	0.26	0.40	0.62	0.92	1.23	1.52	1.66	1.66	1.52	1.23	0.92	0.62	0.40	0.26	0.16	0.10	13.7	0.00	
30	0.13	0.20	0.34	0.59	1.04	1.85	2.92	4.03	4.72	4.72	4.03	2.92	1.85	1.04	0.59	0.34	0.20	0.13	31.6	17.5	
25	0.17	0.26	0.46	0.91	1.92	3.99	6.71	9.11	10.5	10.5	9.11	6.71	3.99	1.92	0.91	0.46	0.26	0.17	68.1	59.8	
20	0.21	0.35	0.66	1.47	3.64	7.37	11.8	15.5	17.5	17.5	15.5	11.8	7.37	3.64	1.47	0.66	0.35	0.21	117	110	
15	0.25	0.44	0.96	2.39	5.86	11.1	16.7	21.4	24.0	24.0	21.4	16.7	11.1	5.86	2.39	0.96	0.44	0.25	166	160	
10	0.28	0.54	1.27	3.45	8.02	14.1	20.3	25.6	28.7	28.7	25.6	20.3	14.1	8.02	3.45	1.27	0.54	0.28	205	199	
5	0.31	0.60	1.50	4.16	9.36	16.0	22.7	27.9	31.0	31.0	27.9	22.7	16.0	9.36	4.16	1.50	0.60	0.31	228	222	
0	0.31	0.60	1.50	4.16	9.36	16.0	22.7	27.9	31.0	31.0	27.9	22.7	16.0	9.36	4.16	1.50	0.60	0.31	228	222	
-5	0.28	0.54	1.27	3.45	8.02	14.1	20.3	25.6	28.7	28.7	25.6	20.3	14.1	8.02	3.45	1.27	0.54	0.28	205	199	
-10	0.25	0.44	0.96	2.39	5.86	11.1	16.7	21.4	24.0	24.0	21.4	16.7	11.1	5.86	2.39	0.96	0.44	0.25	166	160	
-15	0.21	0.35	0.66	1.47	3.64	7.37	11.8	15.5	17.5	17.5	15.5	11.8	7.37	3.64	1.47	0.66	0.35	0.21	117	110	
-20	0.17	0.26	0.46	0.91	1.92	3.99	6.71	9.11	10.5	10.5	9.11	6.71	3.99	1.92	0.91	0.46	0.26	0.17	68.1	59.8	
-25	0.13	0.20	0.34	0.59	1.04	1.85	2.92	4.03	4.72	4.72	4.03	2.92	1.85	1.04	0.59	0.34	0.20	0.13	31.6	17.5	
-30	0.10	0.16	0.26	0.40	0.62	0.92	1.23	1.52	1.66	1.66	1.52	1.23	0.92	0.62	0.40	0.26	0.16	0.10	13.7	0.00	
-35	0.08	0.13	0.20	0.29	0.41	0.53	0.61	0.66	0.66	0.66	0.66	0.61	0.53	0.41	0.29	0.20	0.13	0.08	7.14	0.00	
-40	0.06	0.10	0.15	0.22	0.29	0.33	0.35	0.35	0.33	0.33	0.35	0.35	0.33	0.29	0.22	0.15	0.10	0.06	4.37	0.00	
-45	0.06	0.10	0.15	0.22	0.29	0.33	0.35	0.35	0.33	0.33	0.35	0.35	0.33	0.29	0.22	0.15	0.10	0.06	4.37	0.00	
	-45	-40	-35	-30	-25	-20	-15	-10	0	5	10	15	20	25	30	35	40	45			
Φ t	3.16	5.56	11.6	27.8	62.3	113	167	213	239	239	213	167	113	62.3	27.8	11.6	5.56	3.16	1782		
Φ a	0.00	0.00	0.00	14.2	52.5	104	160	206	232	232	206	160	104	52.5	14.2	0.00	0.00	0.00		1570	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

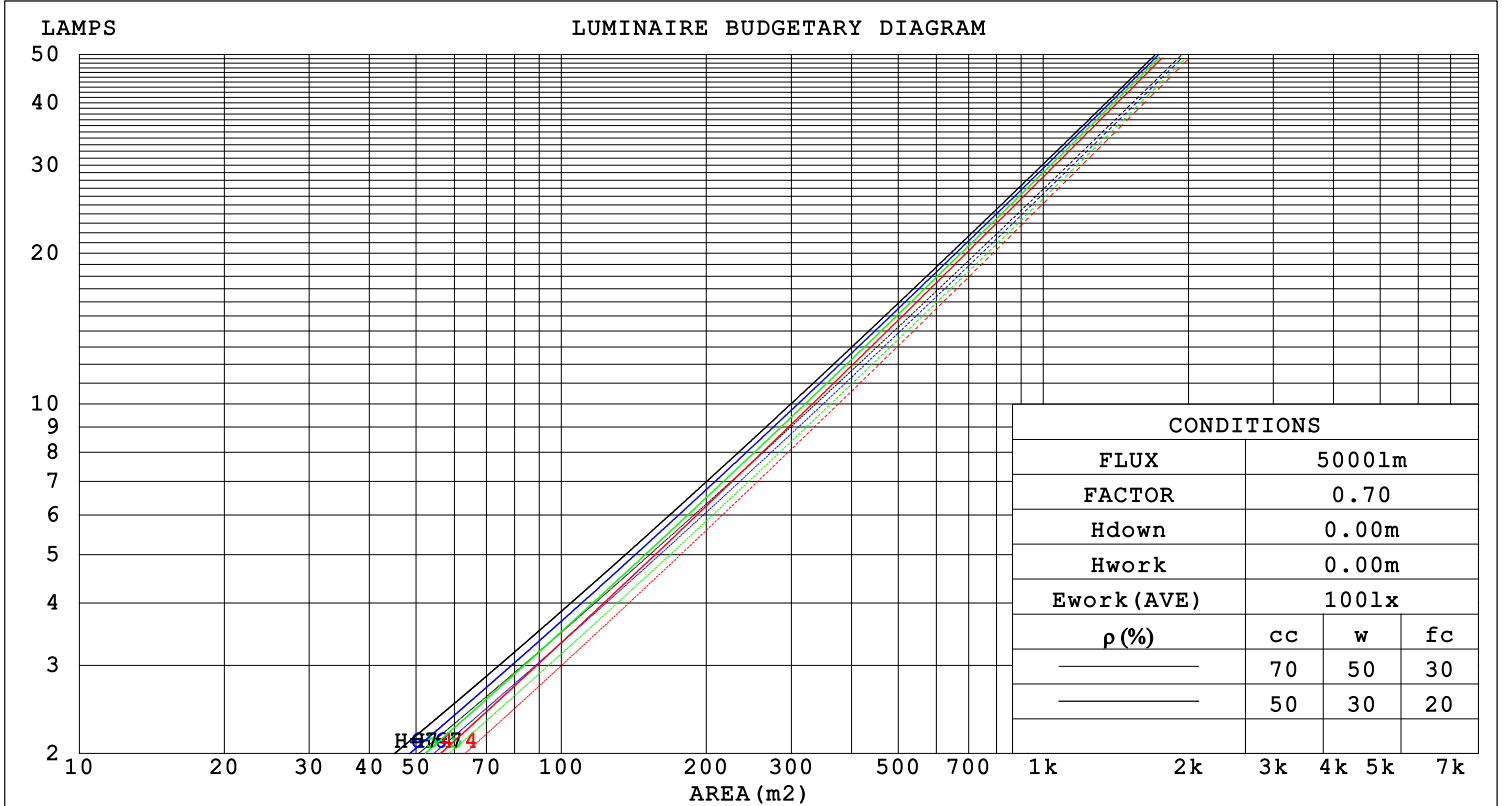
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	.90	.99	.98	.96	.95	.94	.92
2.0	1.05	1.01	.98	1.03	.90	.97	.99	.97	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.95	.91	.98	.94	.91	.95	.91	.89	.92	.89	.87	.89	.87	.85	.84
4.0	.94	.89	.86	.93	.89	.85	.90	.87	.84	.88	.85	.83	.86	.84	.82	.80
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.81	.79	.83	.80	.78	.77
6.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.81	.78	.75	.80	.77	.75	.73
7.0	.82	.77	.73	.81	.76	.73	.80	.76	.73	.78	.75	.72	.77	.74	.72	.70
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.75	.72	.69	.74	.71	.69	.68
9.0	.75	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.72	.68	.66	.65
10.0	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.69	.66	.64	.63



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005														
NAME: 1003-1-2-1-2					TYPE: .5w 3k cri90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*70*45					SERIAL No.:				

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.159	.091	.029	.152	.087	.028	.138	.079	.025	.125	.072	.023	.113	.065	.021	
2.0	.149	.081	.025	.142	.078	.024	.130	.072	.022	.119	.067	.021	.109	.062	.019	
3.0	.139	.074	.022	.134	.072	.022	.124	.067	.020	.114	.063	.019	.105	.058	.018	
4.0	.131	.068	.020	.126	.066	.020	.118	.062	.019	.109	.059	.018	.102	.055	.017	
5.0	.124	.063	.018	.120	.062	.018	.112	.058	.017	.105	.055	.016	.098	.053	.016	
6.0	.118	.059	.017	.114	.058	.017	.107	.055	.016	.101	.052	.015	.095	.050	.015	
7.0	.112	.055	.016	.109	.054	.015	.103	.052	.015	.097	.050	.015	.092	.048	.014	
8.0	.107	.052	.015	.104	.051	.014	.099	.049	.014	.094	.047	.014	.089	.046	.013	
9.0	.102	.049	.014	.100	.049	.014	.095	.047	.013	.090	.045	.013	.086	.044	.013	
10.0	.098	.047	.013	.096	.046	.013	.091	.045	.013	.087	.043	.012	.083	.042	.012	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.212	.212	.212	.181	.181	.181	.124	.124	.124	.071	.071	.071	.023	.023	.023	
1.0	.192	.179	.168	.164	.154	.145	.112	.106	.100	.065	.061	.058	.021	.020	.019	
2.0	.175	.155	.137	.150	.133	.119	.103	.092	.083	.059	.054	.049	.019	.017	.016	
3.0	.161	.136	.115	.138	.117	.100	.095	.081	.070	.055	.047	.041	.018	.015	.013	
4.0	.150	.121	.098	.129	.104	.085	.088	.073	.060	.051	.043	.036	.016	.014	.012	
5.0	.140	.109	.085	.120	.094	.074	.083	.066	.052	.048	.039	.031	.015	.013	.010	
6.0	.132	.099	.075	.114	.086	.066	.078	.060	.046	.045	.035	.028	.015	.012	.009	
7.0	.125	.091	.067	.108	.079	.059	.074	.055	.042	.043	.033	.025	.014	.011	.008	
8.0	.119	.085	.061	.102	.073	.053	.071	.052	.038	.041	.030	.023	.013	.010	.007	
9.0	.114	.079	.056	.098	.069	.049	.068	.048	.035	.039	.029	.021	.013	.009	.007	
10.0	.109	.075	.052	.094	.065	.045	.065	.046	.032	.038	.027	.019	.012	.009	.006	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*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	0.6	1.3	0.8	1.5	1.7	1.0	1.8	1.3	2.0	2.2
	3H	0.9	1.6	1.2	1.8	2.1	1.0	1.7	1.3	2.0	2.2
	4H	1.3	1.9	1.6	2.2	2.5	1.0	1.7	1.4	2.0	2.2
	6H	2.0	2.6	2.3	2.9	3.2	1.1	1.7	1.4	2.0	2.3
	8H	2.5	3.1	2.8	3.4	3.7	1.1	1.7	1.5	2.0	2.3
	12H	3.3	3.8	3.6	4.2	4.5	1.2	1.7	1.5	2.1	2.4
4H	2H	0.5	1.2	0.8	1.5	1.7	0.9	1.6	1.3	1.9	2.1
	3H	0.8	1.4	1.2	1.7	2.0	1.3	1.8	1.6	2.1	2.5
	4H	1.2	1.8	1.6	2.1	2.5	1.5	2.1	1.9	2.4	2.8
	6H	2.1	2.6	2.5	3.0	3.4	1.9	2.3	2.3	2.7	3.1
	8H	2.8	3.2	3.2	3.6	4.0	2.0	2.5	2.5	2.9	3.3
	12H	3.8	4.2	4.3	4.6	5.1	2.2	2.6	2.6	3.0	3.5
8H	4H	1.3	1.8	1.8	2.2	2.6	1.7	2.1	2.1	2.5	2.9
	6H	2.2	2.6	2.7	3.0	3.5	2.5	2.9	3.0	3.3	3.8
	8H	2.9	3.2	3.4	3.7	4.2	3.0	3.4	3.5	3.8	4.3
	12H	4.1	4.4	4.7	4.9	5.4	3.6	3.8	4.1	4.3	4.9
12H	4H	1.4	1.8	1.9	2.2	2.7	1.6	2.0	2.1	2.5	2.9
	6H	2.3	2.7	2.8	3.1	3.6	2.6	2.9	3.1	3.4	3.9
	8H	3.1	3.3	3.6	3.8	4.4	3.3	3.6	3.8	4.1	4.6

Variations with the observer position at spacings:		
S = 1.0H	+ 1.1 / - 0.9	+ 0.9 / - 1.1
1.5H	+ 1.9 / - 1.4	+ 1.5 / - 1.4
2.0H	+ 2.4 / - 1.4	+ 1.3 / - 1.3

CIE Pub.117 Corrected 1782 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.0)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*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	88	81	78	87	81	78	86	81	77	74
0.80	95	89	86	94	89	85	93	88	85	81
1.00	99	93	90	98	93	90	96	92	89	85
1.25	103	98	94	102	97	94	99	95	93	88
1.50	105	101	97	104	100	97	101	98	95	91
2.00	108	104	101	106	102	100	103	100	98	92
2.50	110	106	103	108	104	102	104	102	99	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

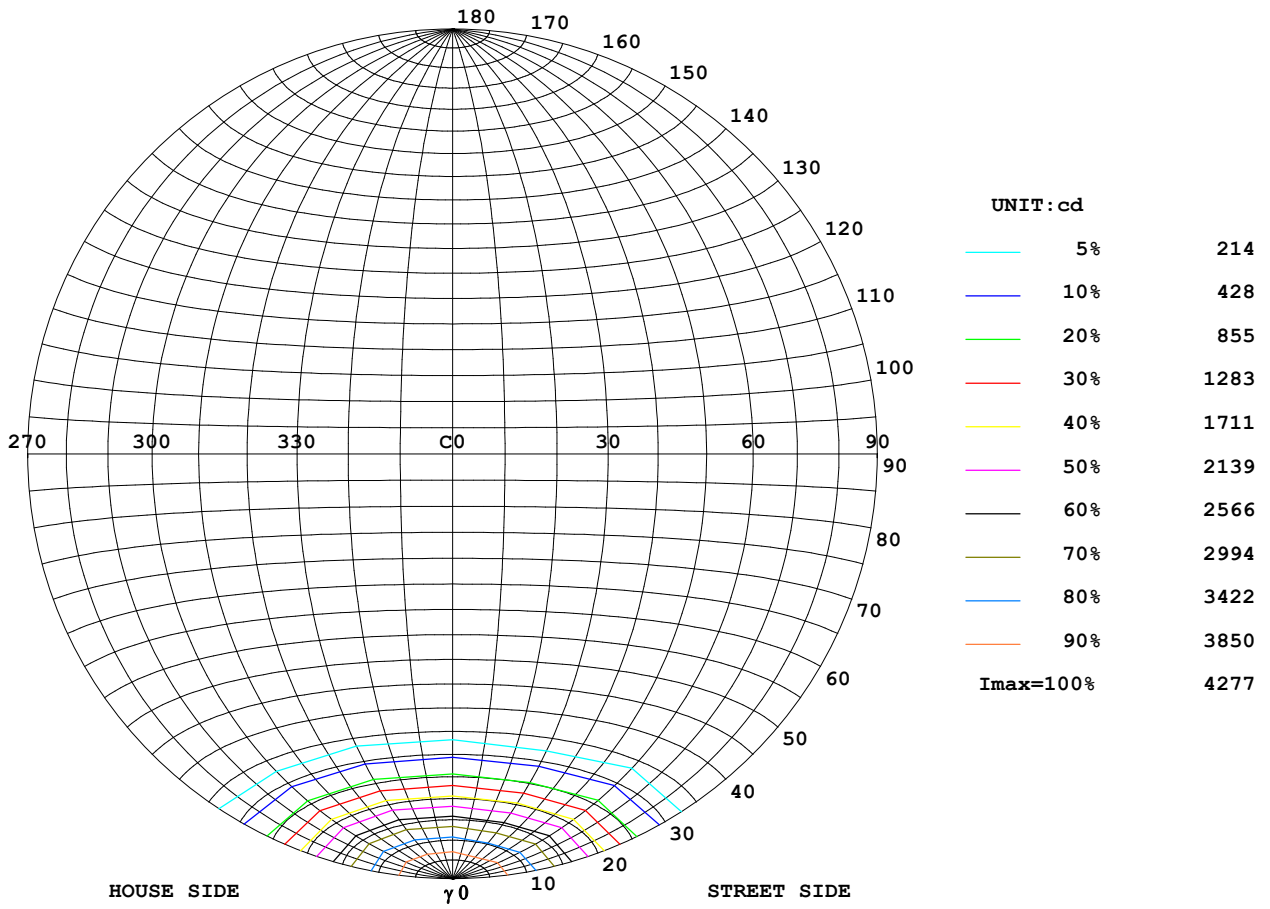
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

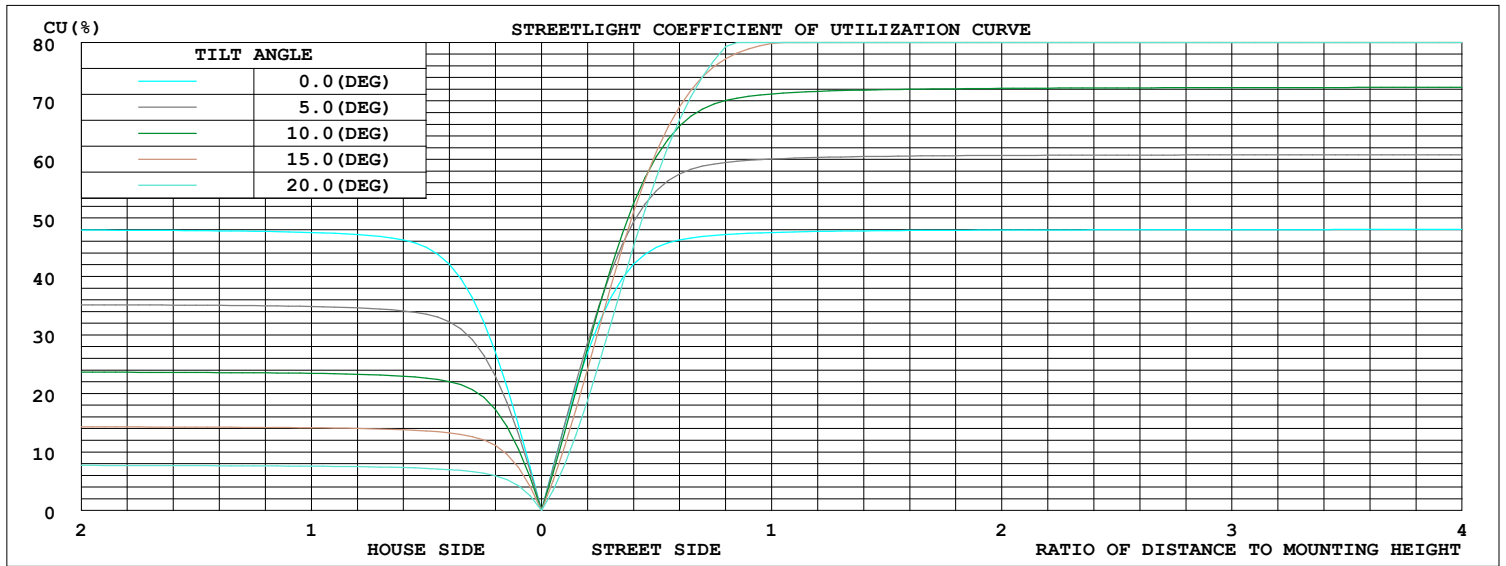
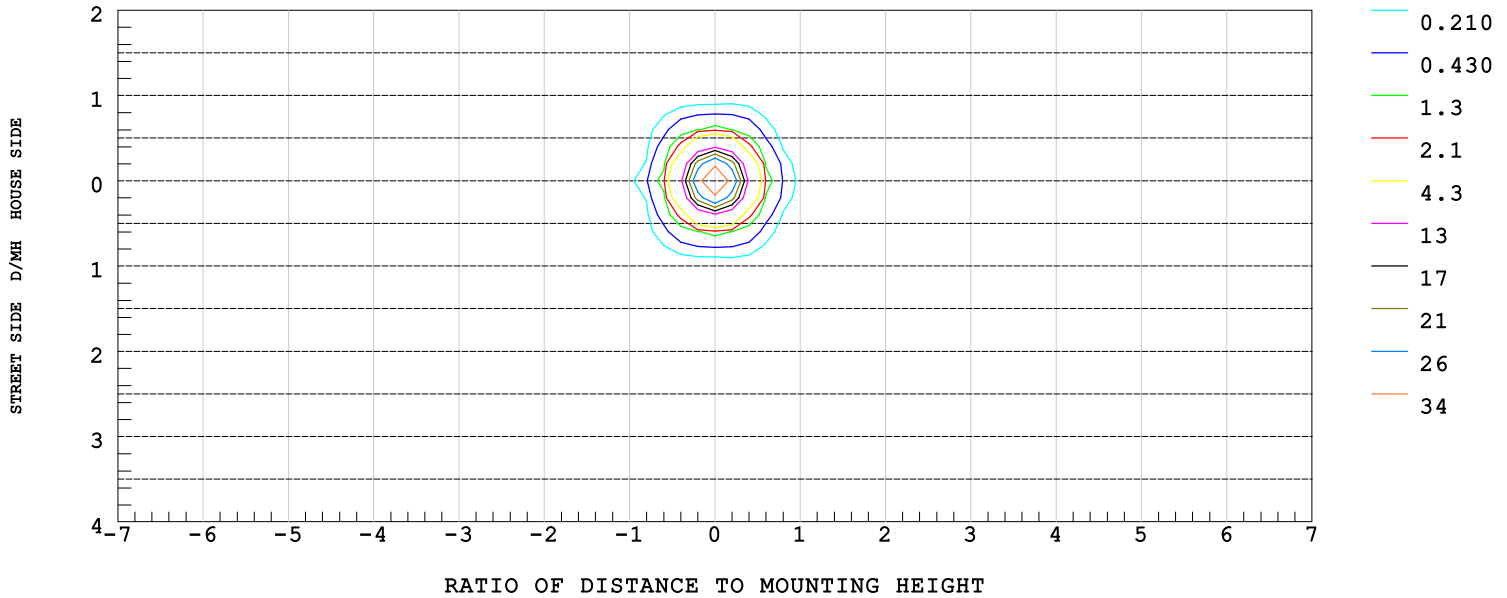
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 42.77 lx



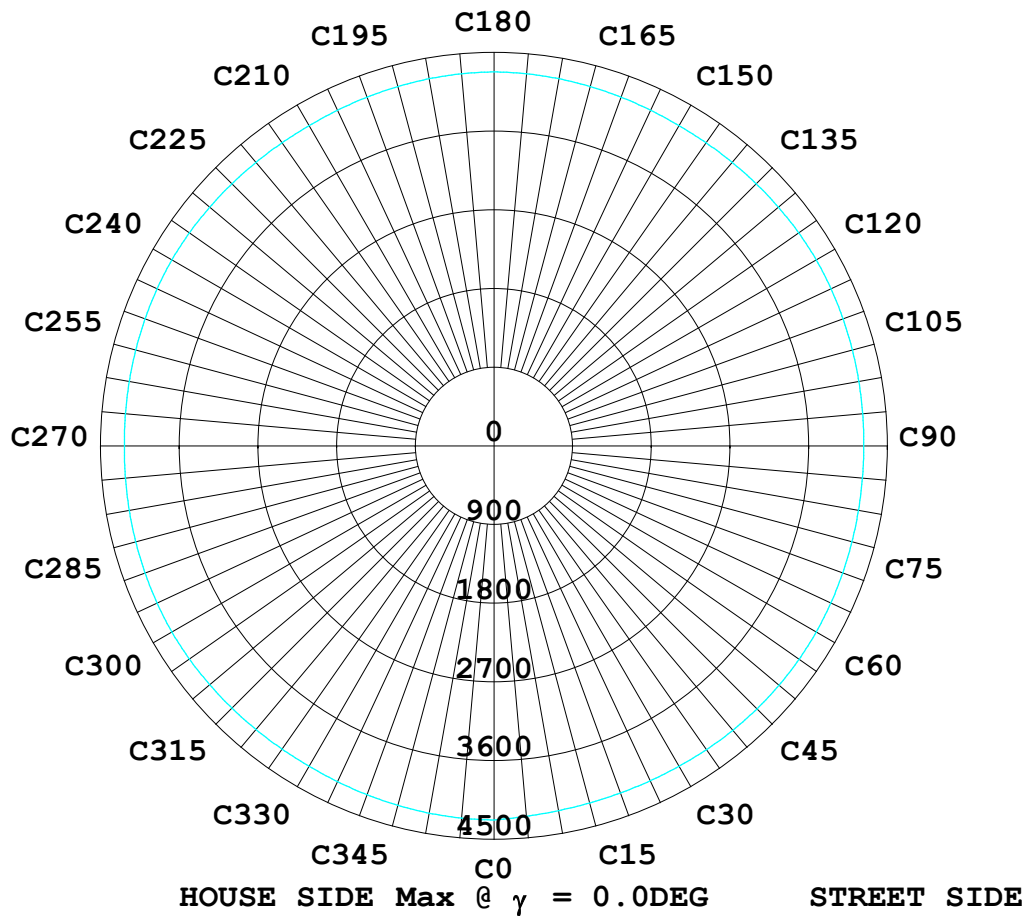
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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: 1003-1-2-1-2	TYPE: .5w 3k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4277	4230	4256	4228	4256	4230	4277	4230	4256	4228	4256	4230
5.0	4069	4002	4060	4044	4060	4002	4069	4002	4060	4044	4060	4002
10.0	3549	3465	3588	3650	3588	3465	3549	3465	3588	3650	3588	3465
15.0	2720	2660	2804	2801	2804	2660	2720	2660	2804	2801	2804	2660
20.0	1813	1773	1887	1886	1887	1773	1813	1773	1887	1886	1887	1773
25.0	924	879	962	948	962	879	924	879	962	948	962	879
30.0	354	296	354	320	354	296	354	296	354	320	354	296
35.0	134	114	145	116	145	114	134	114	145	116	145	114
40.0	69.2	55.6	78.5	51.9	78.5	55.6	69.2	55.6	78.5	51.9	78.5	55.6
45.0	43.9	31.7	49.2	28.5	49.2	31.7	43.9	31.7	49.2	28.5	49.2	31.7
50.0	29.6	19.4	32.7	16.4	32.7	19.4	29.6	19.4	32.7	16.4	32.7	19.4
55.0	20.3	11.2	22.2	8.93	22.2	11.2	20.3	11.2	22.2	8.93	22.2	11.2
60.0	14.1	5.77	15.4	4.06	15.4	5.77	14.1	5.77	15.4	4.06	15.4	5.77
65.0	9.92	2.16	10.4	1.08	10.4	2.16	9.92	2.16	10.4	1.08	10.4	2.16
70.0	8.66	0.99	8.39	0.90	8.39	0.99	8.66	0.99	8.39	0.90	8.39	0.99
75.0	7.76	1.08	7.58	1.08	7.58	1.08	7.76	1.08	7.58	1.08	7.58	1.08
80.0	7.12	1.17	6.94	1.08	6.94	1.17	7.12	1.17	6.94	1.08	6.94	1.17
85.0	6.58	1.17	6.40	1.08	6.40	1.17	6.58	1.17	6.40	1.08	6.40	1.17
90.0	6.31	1.35	5.95	1.17	5.95	1.35	6.31	1.35	5.95	1.17	5.95	1.35
95.0	5.95	1.44	5.59	1.35	5.59	1.44	5.95	1.44	5.59	1.35	5.59	1.44
100.0	5.77	1.62	5.41	1.53	5.41	1.62	5.77	1.62	5.41	1.53	5.41	1.62
105.0	5.77	1.98	5.32	1.71	5.32	1.98	5.77	1.98	5.32	1.71	5.32	1.98
110.0	6.04	2.52	5.32	1.98	5.32	2.52	6.04	2.52	5.32	1.98	5.32	2.52
115.0	6.49	3.24	5.59	2.52	5.59	3.24	6.49	3.24	5.59	2.52	5.59	3.24
120.0	7.31	4.42	6.31	3.61	6.31	4.42	7.31	4.42	6.31	3.61	6.31	4.42
125.0	8.48	5.77	7.40	4.96	7.40	5.77	8.48	5.77	7.40	4.96	7.40	5.77
130.0	9.83	7.49	8.93	6.67	8.93	7.49	9.83	7.49	8.93	6.67	8.93	7.49
135.0	11.4	9.56	10.8	9.02	10.8	9.56	11.4	9.56	10.8	9.02	10.8	9.56
140.0	13.2	11.5	12.8	11.2	12.8	11.5	13.2	11.5	12.8	11.2	12.8	11.5
145.0	15.0	13.5	14.8	13.5	14.8	13.5	15.0	13.5	14.8	13.5	14.8	13.5
150.0	16.6	15.3	16.8	15.7	16.8	15.3	16.6	15.3	16.8	15.7	16.8	15.3
155.0	18.0	16.6	18.4	17.3	18.4	16.6	18.0	16.6	18.4	17.3	18.4	16.6
160.0	19.3	17.9	19.3	18.5	19.3	17.9	19.3	17.9	19.3	18.5	19.3	17.9
165.0	20.3	18.8	19.9	18.9	19.9	18.8	20.3	18.8	19.9	18.9	19.9	18.8
170.0	21.3	19.7	20.4	19.4	20.4	19.7	21.3	19.7	20.4	19.4	20.4	19.7
175.0	22.1	20.5	20.9	20.2	20.9	20.5	22.1	20.5	20.9	20.2	20.9	20.5
180.0	22.4	21.2	21.2	20.7	21.2	21.2	22.4	21.2	21.2	20.7	21.2	21.2

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