

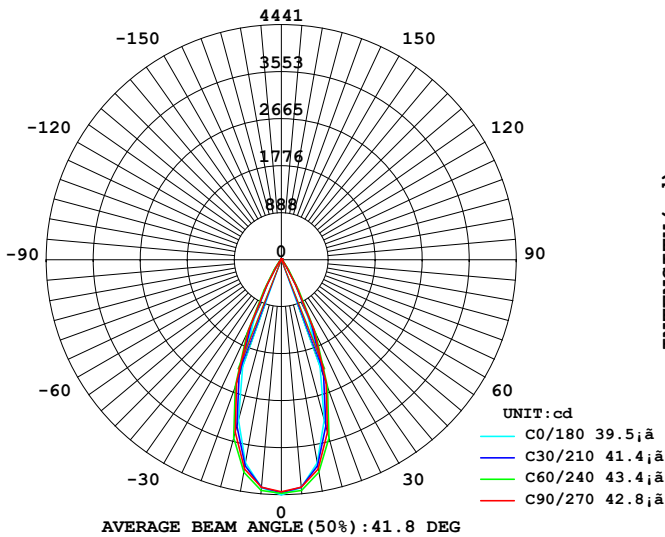
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

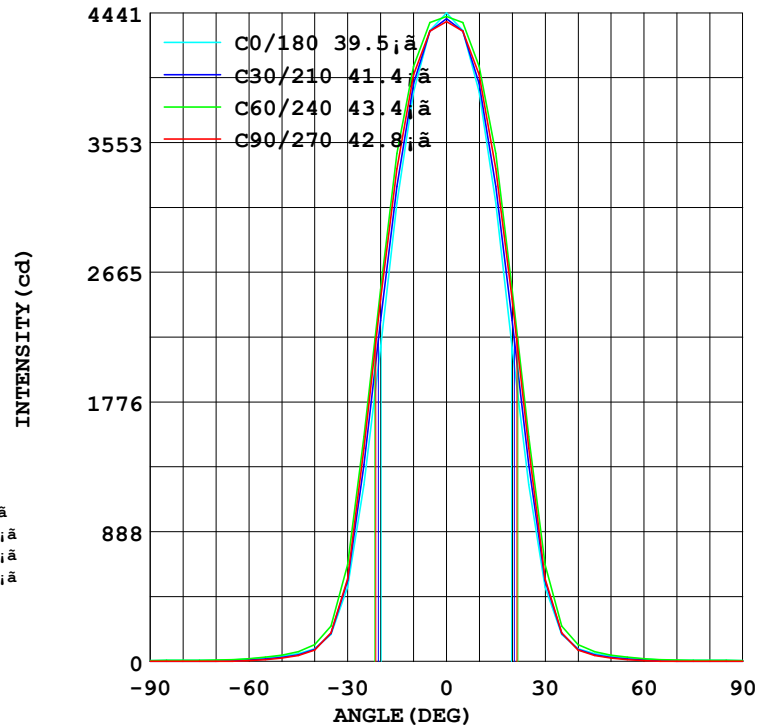
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

DATA OF LAMP		Imax (cd)	4441	S/MH (C0/180)	0.62
MODEL	1003-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.66
NOMINAL POWER (W)	18	TOTAL FLUX (lm)	2258.3	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	125.4	Current (A)	0.090
NOMINAL FLUX (lm)	2258.4	η up (%)	2.2	Power (W)	18.01
LAMPS QUANTITY	1	η down (%)	97.8	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	2004.8	EET	0.122

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 4000k

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

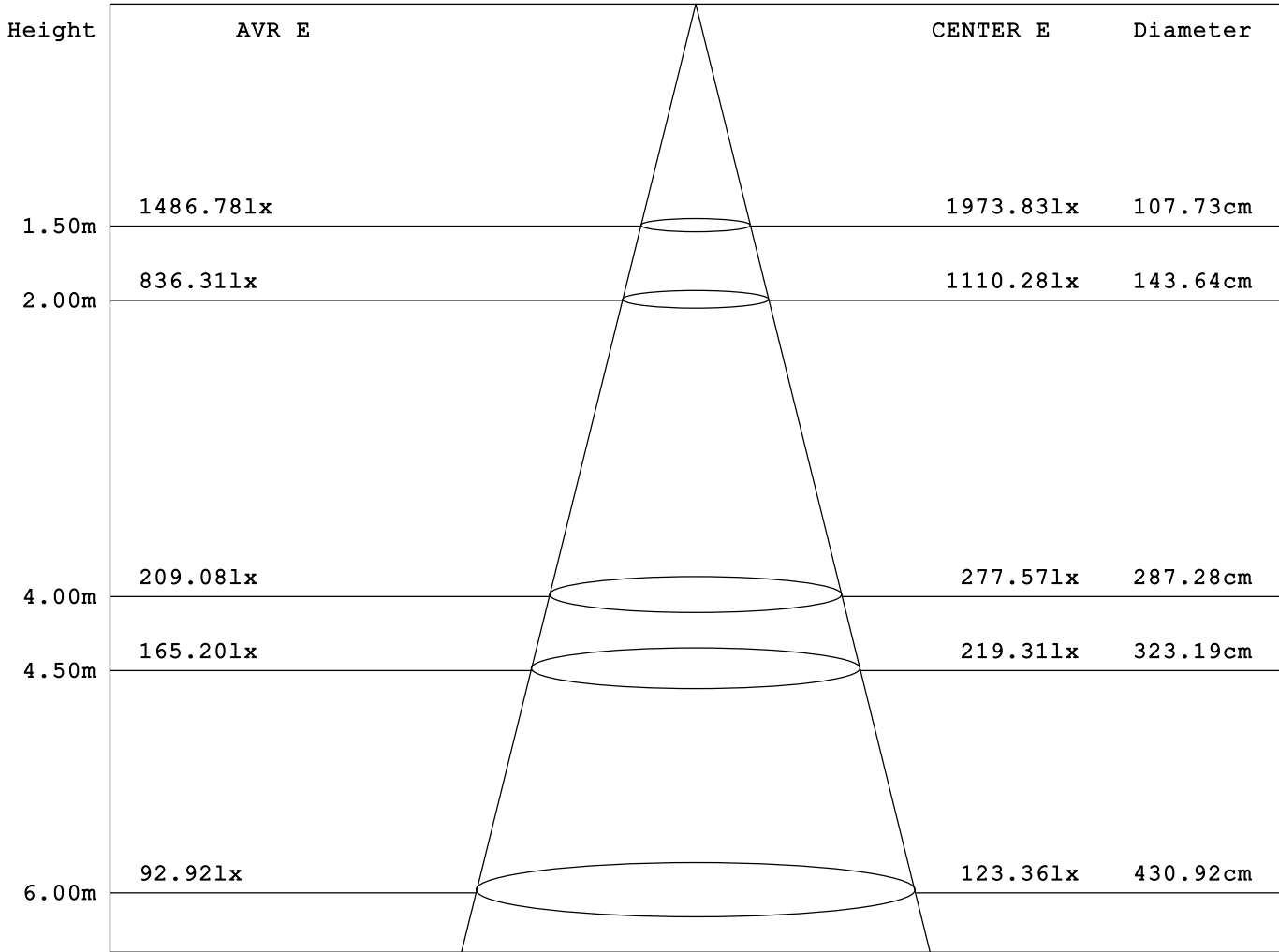
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-02-2023

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:



Angle: 39.5deg

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: 4000k

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3898	4015	4017	4015	3898	4015	4017	4015	0- 10	402.5	402.5
20.0	2151	2440	2480	2440	2151	2440	2480	2440	10- 20	906.5	1309
30.0	508.3	608.0	565.9	608.0	508.3	608.0	565.9	608.0	20- 30	651.1	1960
40.0	86.91	98.86	76.80	98.86	86.91	98.86	76.80	98.86	30- 40	167.0	2127
50.0	35.73	35.42	22.65	35.42	35.73	35.42	22.65	35.42	40- 50	44.60	2172
60.0	16.42	14.21	5.866	14.21	16.42	14.21	5.866	14.21	50- 60	19.80	2192
70.0	8.754	5.008	1.083	5.008	8.754	5.008	1.083	5.008	60- 70	8.297	2200
80.0	7.220	4.196	0.993	4.196	7.220	4.196	0.993	4.196	70- 80	4.811	2205
90.0	6.407	3.655	1.083	3.655	6.407	3.655	1.083	3.655	80- 90	4.266	2209
100.0	5.776	3.519	1.353	3.519	5.776	3.519	1.353	3.519	90-100	3.930	2213
110.0	5.956	3.745	1.805	3.745	5.956	3.745	1.805	3.745	100-110	3.838	2217
120.0	7.129	4.918	3.158	4.918	7.129	4.918	3.158	4.918	110-120	4.286	2221
130.0	9.747	7.535	6.046	7.535	9.747	7.535	6.046	7.535	120-130	5.551	2227
140.0	13.17	11.41	10.46	11.41	13.17	11.41	10.46	11.41	130-140	7.378	2234
150.0	16.69	15.56	15.34	15.56	16.69	15.56	15.34	15.56	140-150	8.546	2243
160.0	19.40	18.72	18.95	18.72	19.40	18.72	18.95	18.72	150-160	8.014	2251
170.0	21.84	20.57	20.30	20.57	21.84	20.57	20.30	20.57	160-170	5.608	2256
180.0	23.28	21.97	21.75	21.97	23.28	21.97	21.75	21.97	170-180	2.031	2258
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: 4000k

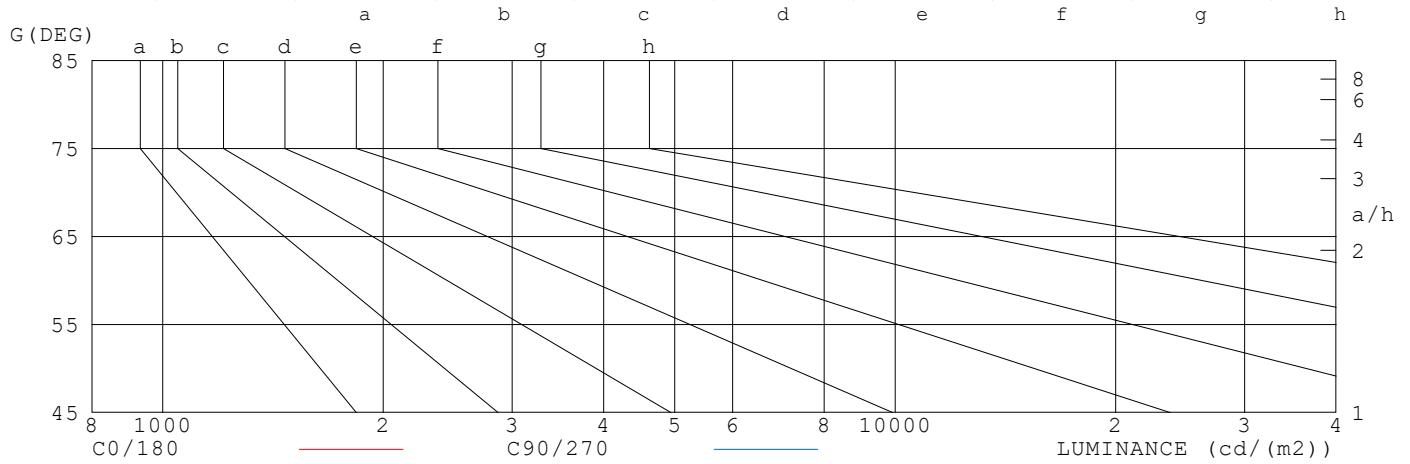
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	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	777	124
80	416	57
75	307	38
70	256	32
65	254	47
60	329	117
55	422	216
50	556	352
45	762	564

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

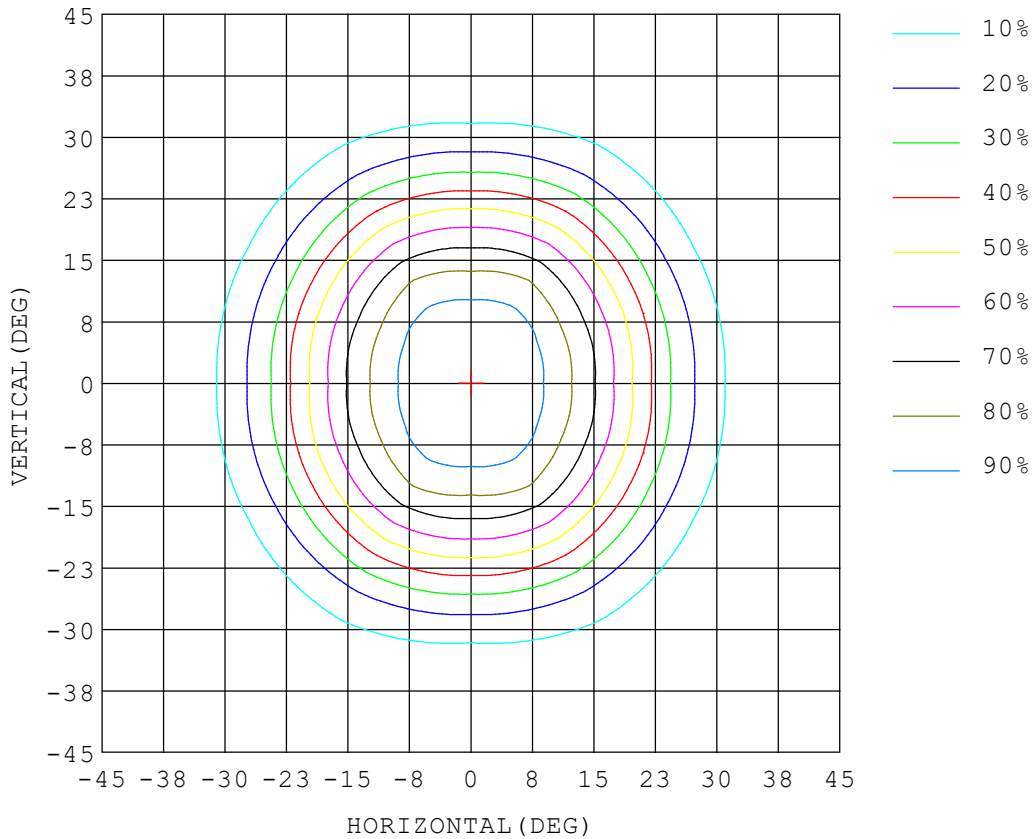
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

UNIT: cd



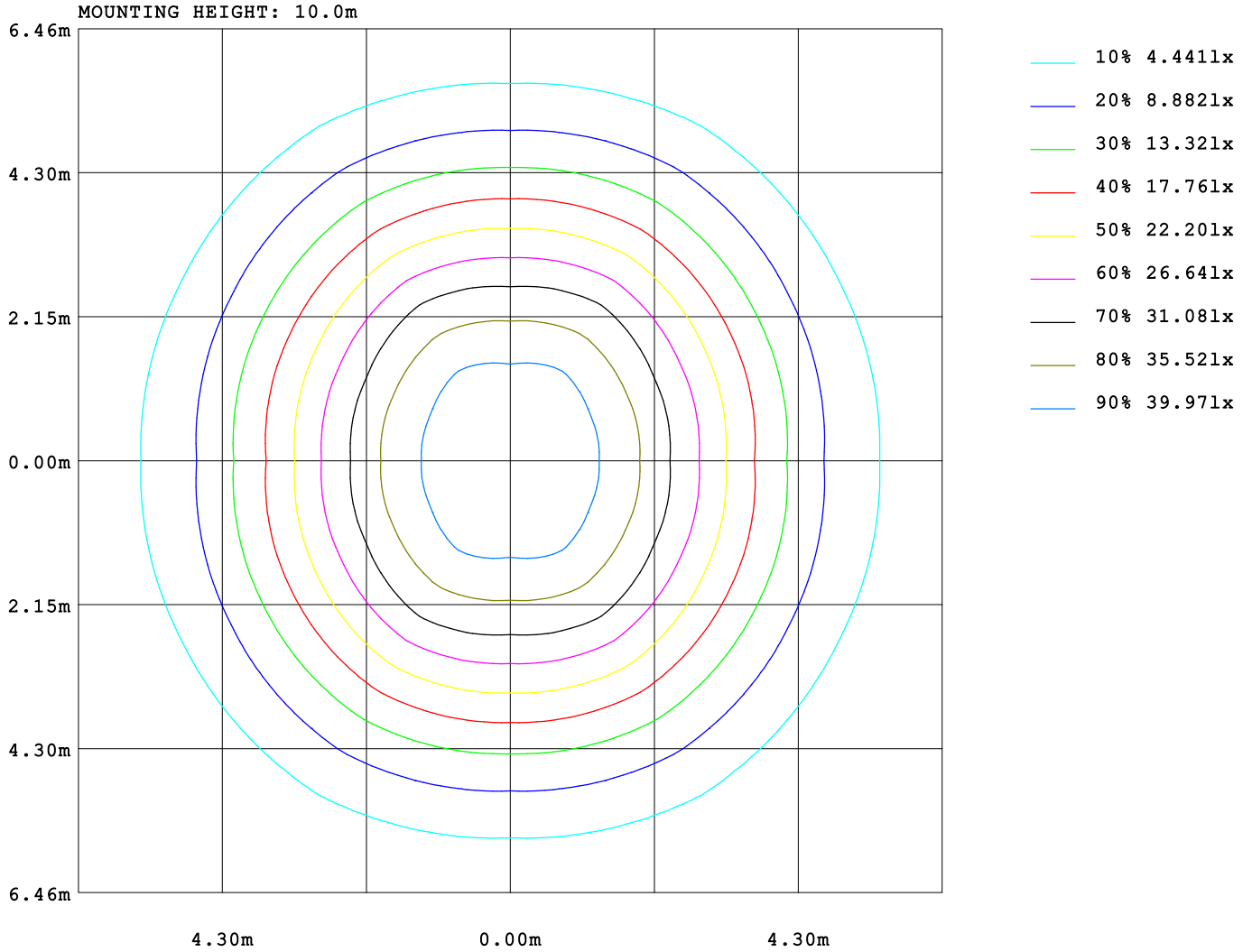
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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: 4000k

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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	0.09	0.14	0.21	0.29	0.40	0.46	0.49	0.50	0.47	0.47	0.50	0.49	0.46	0.40	0.29	0.21	0.14	0.09	6.09	0.00		
40	0.11	0.18	0.28	0.41	0.59	0.78	0.93	1.04	1.06	1.06	1.04	0.93	0.78	0.59	0.41	0.28	0.18	0.11	10.7	0.00		
35	0.14	0.23	0.37	0.59	0.97	1.50	2.13	2.68	2.92	2.92	2.68	2.13	1.50	0.97	0.59	0.37	0.23	0.14	23.0	5.10		
30	0.18	0.28	0.50	0.94	1.78	3.36	5.19	6.77	7.63	7.63	6.77	5.19	3.36	1.78	0.94	0.50	0.28	0.18	53.3	43.1		
25	0.23	0.38	0.72	1.56	3.51	6.76	10.6	13.4	14.8	14.8	13.4	10.6	6.76	3.51	1.56	0.72	0.38	0.23	104	96.1		
20	0.28	0.49	1.05	2.66	6.07	11.1	16.4	20.4	22.1	22.1	20.4	16.4	11.1	6.07	2.66	1.05	0.49	0.28	161	155		
15	0.33	0.63	1.52	3.97	8.82	15.1	21.3	26.1	28.0	28.0	26.1	21.3	15.1	8.82	3.97	1.52	0.63	0.33	212	206		
10	0.37	0.75	1.97	5.18	10.9	17.9	24.5	29.4	31.6	31.6	29.4	24.5	17.9	10.9	5.18	1.97	0.75	0.37	246	240		
5	0.39	0.81	2.20	5.78	11.8	19.1	26.0	30.8	33.0	33.0	30.8	26.0	19.1	11.8	5.78	2.20	0.81	0.39	260	255		
0	0.39	0.81	2.20	5.78	11.8	19.1	26.0	30.8	33.0	33.0	30.8	26.0	19.1	11.8	5.78	2.20	0.81	0.39	260	255		
-5	0.37	0.75	1.97	5.18	10.9	17.9	24.5	29.4	31.6	31.6	29.4	24.5	17.9	10.9	5.18	1.97	0.75	0.37	246	240		
-10	0.33	0.63	1.52	3.97	8.82	15.1	21.3	26.1	28.0	28.0	26.1	21.3	15.1	8.82	3.97	1.52	0.63	0.33	212	206		
-15	0.28	0.49	1.05	2.66	6.07	11.1	16.4	20.4	22.1	22.1	20.4	16.4	11.1	6.07	2.66	1.05	0.49	0.28	161	155		
-20	0.23	0.38	0.72	1.56	3.51	6.76	10.6	13.4	14.8	14.8	13.4	10.6	6.76	3.51	1.56	0.72	0.38	0.23	104	96.1		
-25	0.18	0.28	0.50	0.94	1.78	3.36	5.19	6.77	7.63	7.63	6.77	5.19	3.36	1.78	0.94	0.50	0.28	0.18	53.3	43.1		
-30	0.14	0.23	0.37	0.59	0.97	1.50	2.13	2.68	2.92	2.92	2.68	2.13	1.50	0.97	0.59	0.37	0.23	0.14	23.0	5.10		
-35	0.11	0.18	0.28	0.41	0.59	0.78	0.93	1.04	1.06	1.06	1.04	0.93	0.78	0.59	0.41	0.28	0.18	0.11	10.7	0.00		
-40	0.09	0.14	0.21	0.29	0.40	0.46	0.49	0.50	0.47	0.47	0.50	0.49	0.46	0.40	0.29	0.21	0.14	0.09	6.09	0.00		
-45	0.09	0.14	0.21	0.29	0.40	0.46	0.49	0.50	0.47	0.47	0.50	0.49	0.46	0.40	0.29	0.21	0.14	0.09	6.09	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	0	5	10	15	20	25	30	35	40	45				
Φ t	4.20	7.79	17.6	42.8	89.7	152	215	263	284	284	263	215	152	89.7	42.8	17.6	7.79	4.20	2258			
Φ a	0.00	0.00	1.71	31.2	80.1	144	208	256	278	278	256	208	144	80.1	31.2	1.71	0.00	0.00		2005		

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

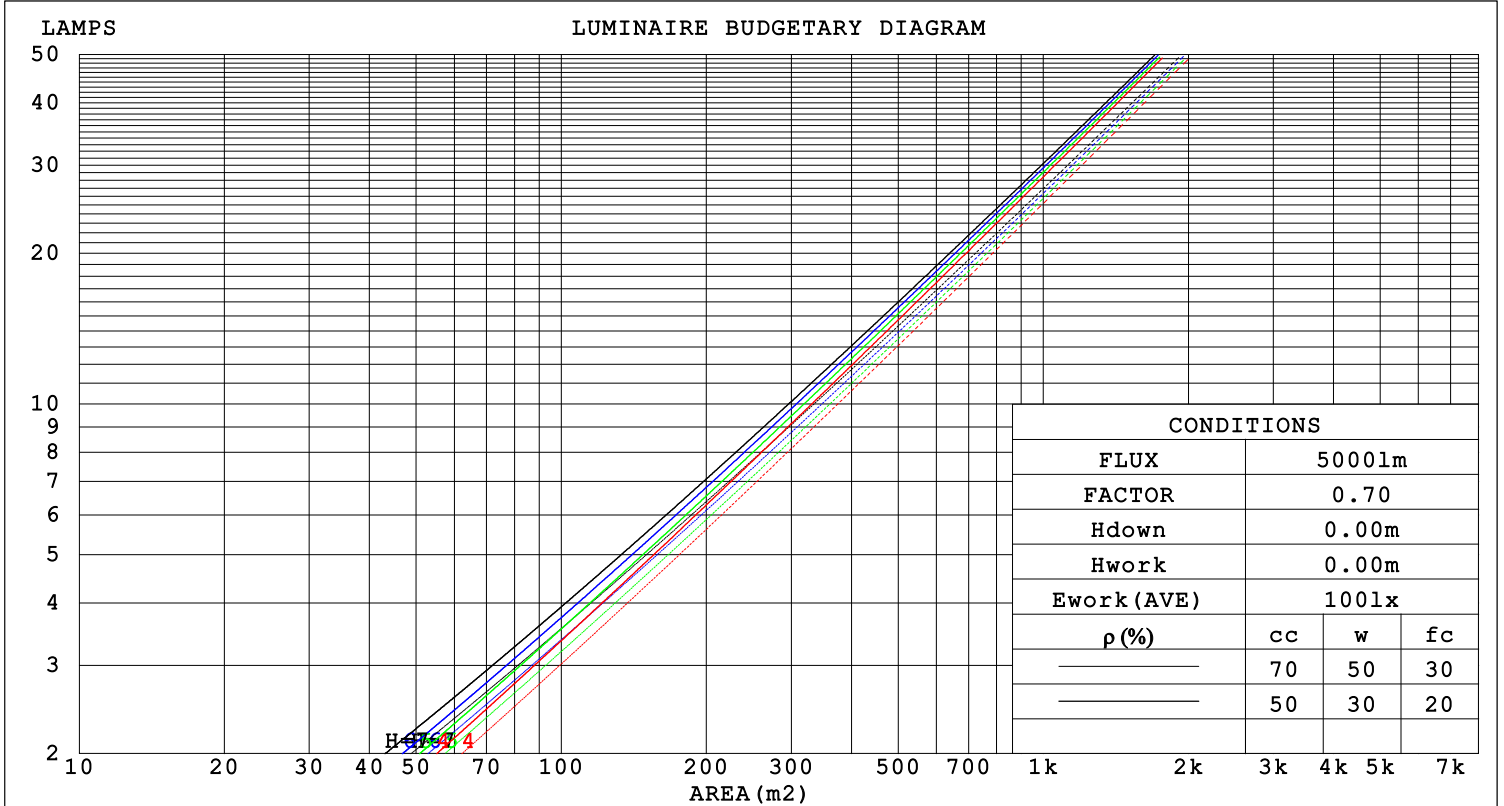
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.96	.96	.95	.93
2.0	1.04	1.01	.98	1.03	.99	.97	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.93	.89	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.79
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.80	.78	.82	.79	.77	.76
6.0	.84	.79	.76	.84	.79	.75	.82	.78	.75	.80	.77	.74	.79	.76	.73	.72
7.0	.81	.75	.72	.80	.75	.72	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
10.0	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.65	.62	.68	.64	.62	.60



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: 4000k

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005														
NAME: 1003-1-2-3-2					TYPE: .5w 4k 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.162	.092	.029	.155	.088	.028	.141	.081	.026	.129	.074	.024	.117	.068	.022	
2.0	.152	.083	.026	.146	.080	.025	.134	.075	.023	.124	.069	.022	.114	.064	.020	
3.0	.143	.076	.023	.138	.074	.022	.128	.069	.021	.119	.065	.020	.110	.061	.019	
4.0	.135	.070	.021	.131	.068	.020	.122	.065	.019	.114	.061	.018	.107	.058	.018	
5.0	.128	.065	.019	.124	.064	.019	.117	.061	.018	.110	.058	.017	.103	.055	.017	
6.0	.122	.061	.017	.118	.060	.017	.112	.057	.017	.106	.055	.016	.100	.053	.016	
7.0	.116	.057	.016	.113	.056	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	
8.0	.111	.054	.015	.108	.053	.015	.103	.052	.015	.098	.050	.014	.094	.048	.014	
9.0	.106	.051	.014	.104	.051	.014	.099	.049	.014	.095	.048	.014	.091	.046	.013	
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.092	.046	.013	.088	.044	.013	

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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.069	.069	.069	.022	.022	.022	
1.0	.187	.174	.163	.160	.149	.140	.109	.103	.097	.063	.060	.056	.020	.019	.018	
2.0	.170	.149	.132	.146	.129	.114	.100	.089	.079	.058	.052	.047	.019	.017	.015	
3.0	.157	.130	.109	.135	.112	.095	.092	.078	.066	.053	.046	.039	.017	.015	.013	
4.0	.146	.115	.092	.125	.100	.080	.086	.070	.056	.050	.041	.033	.016	.013	.011	
5.0	.136	.104	.079	.117	.090	.069	.081	.063	.049	.047	.037	.029	.015	.012	.010	
6.0	.128	.094	.069	.110	.081	.061	.076	.057	.043	.044	.034	.025	.014	.011	.008	
7.0	.121	.086	.062	.104	.075	.054	.072	.052	.038	.042	.031	.023	.014	.010	.007	
8.0	.115	.080	.055	.099	.069	.048	.069	.049	.034	.040	.029	.020	.013	.009	.007	
9.0	.110	.074	.050	.095	.065	.044	.066	.045	.031	.038	.027	.019	.012	.009	.006	
10.0	.105	.070	.046	.091	.061	.040	.063	.043	.029	.037	.025	.017	.012	.008	.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: 4000k

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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	2.1	2.9	2.4	3.1	3.3	3.0	3.8	3.3	4.0	4.2
	3H	2.2	2.9	2.5	3.2	3.4	2.9	3.7	3.2	3.9	4.1
	4H	2.4	3.1	2.7	3.3	3.6	2.9	3.6	3.2	3.9	4.1
	6H	2.8	3.4	3.1	3.7	4.0	2.9	3.5	3.2	3.8	4.1
	8H	3.1	3.8	3.5	4.1	4.4	2.9	3.5	3.2	3.8	4.1
	12H	3.7	4.3	4.0	4.6	4.9	2.9	3.5	3.2	3.8	4.1
4H	2H	2.0	2.7	2.3	3.0	3.2	2.9	3.6	3.2	3.8	4.1
	3H	2.1	2.7	2.5	3.0	3.3	3.0	3.6	3.3	3.9	4.2
	4H	2.3	2.9	2.7	3.2	3.6	3.1	3.6	3.5	4.0	4.3
	6H	2.8	3.3	3.2	3.7	4.1	3.2	3.7	3.6	4.1	4.5
	8H	3.3	3.8	3.7	4.1	4.6	3.3	3.7	3.7	4.1	4.5
	12H	4.1	4.5	4.5	4.9	5.3	3.4	3.8	3.8	4.2	4.6
8H	4H	2.3	2.8	2.8	3.2	3.6	3.1	3.5	3.5	3.9	4.3
	6H	2.8	3.2	3.3	3.7	4.1	3.5	3.9	4.0	4.4	4.8
	8H	3.4	3.7	3.8	4.1	4.6	3.9	4.2	4.4	4.7	5.2
	12H	4.3	4.6	4.8	5.0	5.6	4.2	4.5	4.7	5.0	5.5
12H	4H	2.4	2.8	2.8	3.2	3.6	3.0	3.5	3.5	3.9	4.3
	6H	2.9	3.3	3.4	3.7	4.2	3.6	3.9	4.1	4.4	4.8
	8H	3.5	3.7	4.0	4.2	4.7	4.1	4.3	4.6	4.8	5.3

Variations with the observer position at spacings:		
S = 1.0H	+ 1.2 / - 1.3	+ 1.3 / - 1.7
1.5H	+ 2.0 / - 1.8	+ 2.2 / - 2.0
2.0H	+ 2.6 / - 1.7	+ 1.7 / - 1.9

CIE Pub.117 Corrected 2258 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.8)

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: 4000k

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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	82	78	87	82	78	86	81	78	74
0.80	95	89	86	94	89	86	93	88	85	82
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	106	104	106	103	102	95
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	112	110	109	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

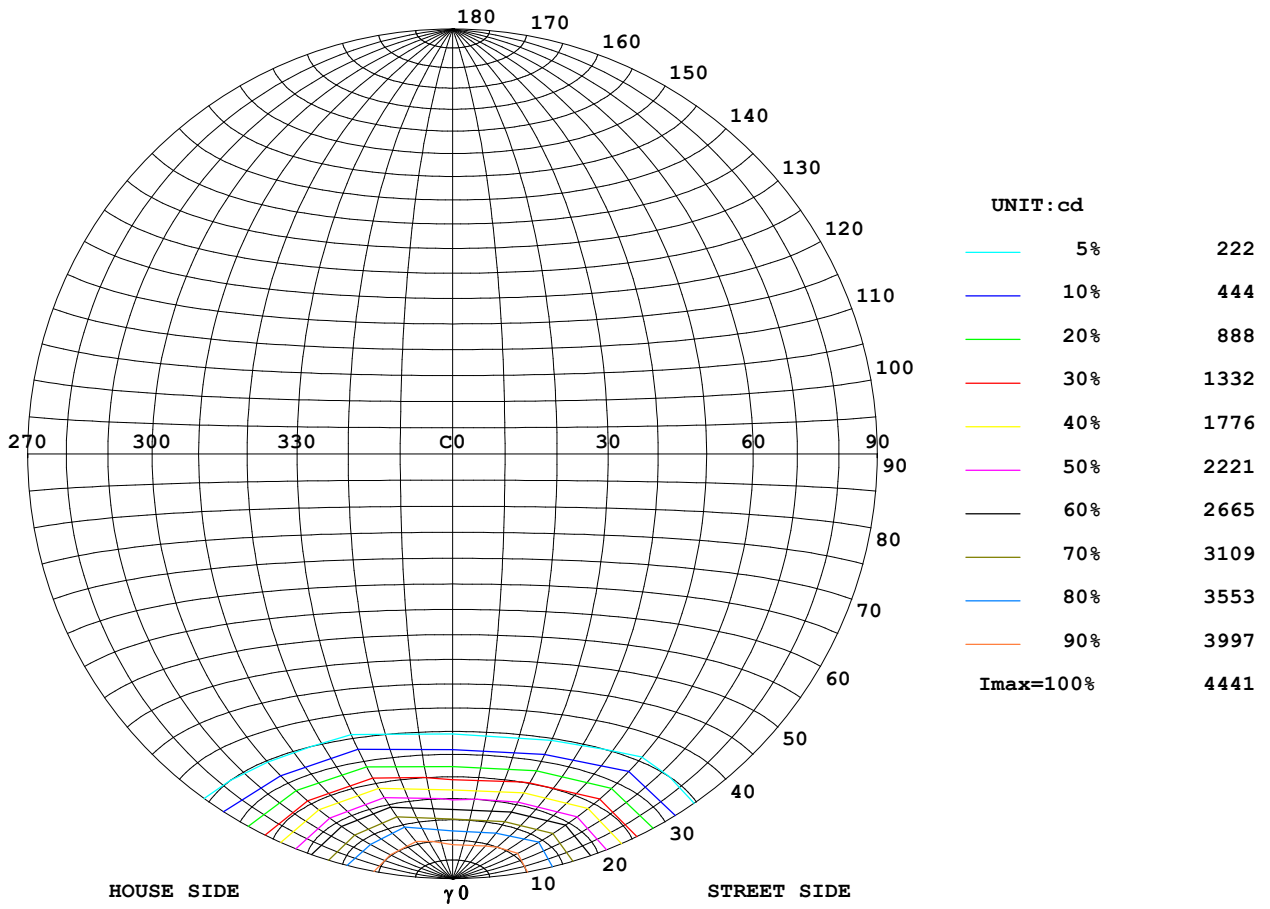
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:



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

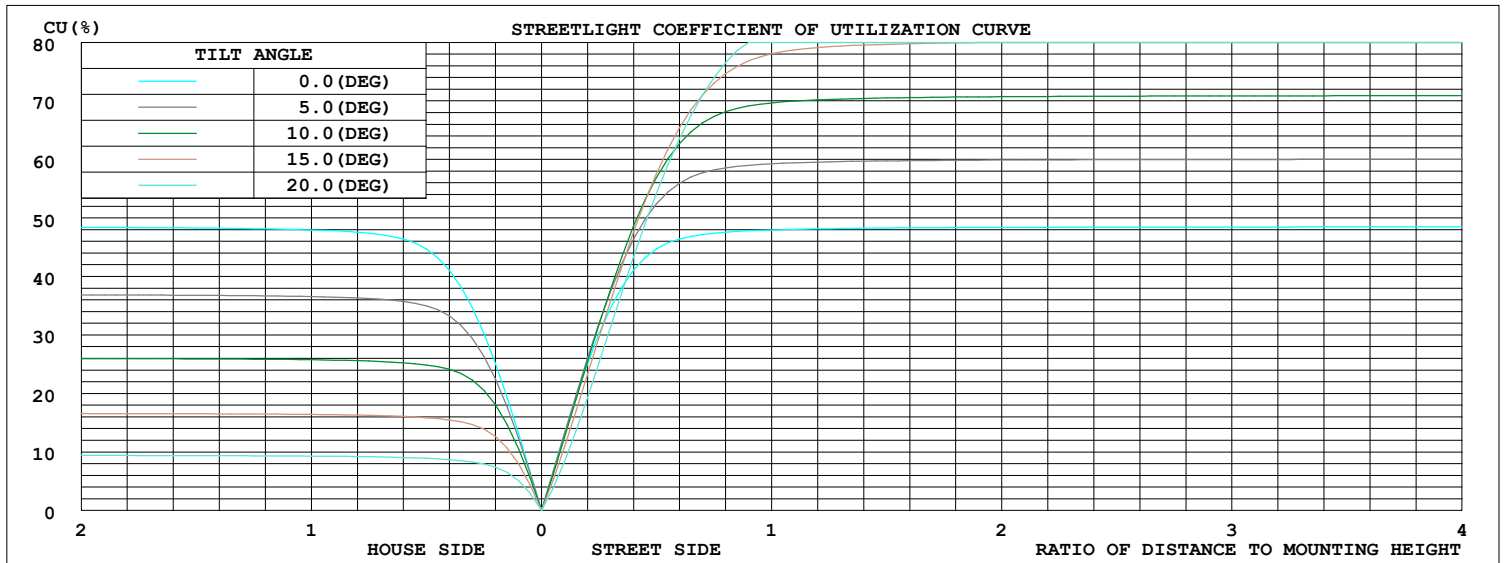
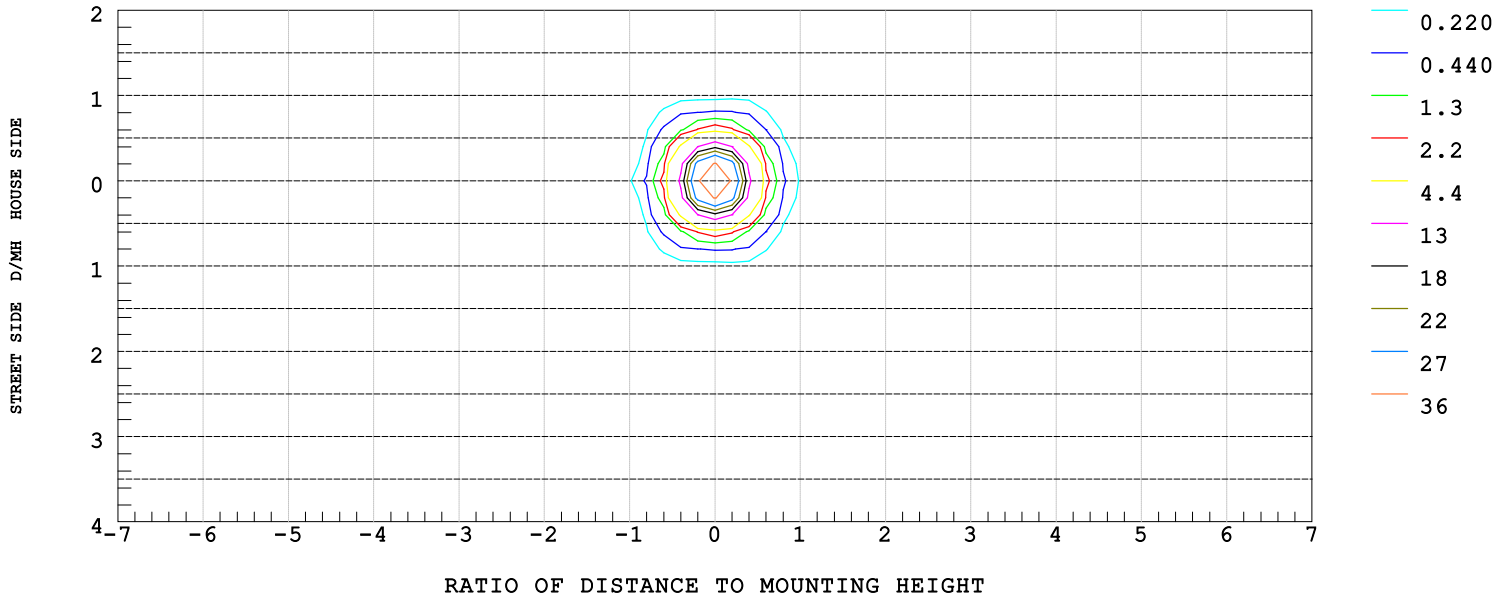
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k cri90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*70*45	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 44.41 lx



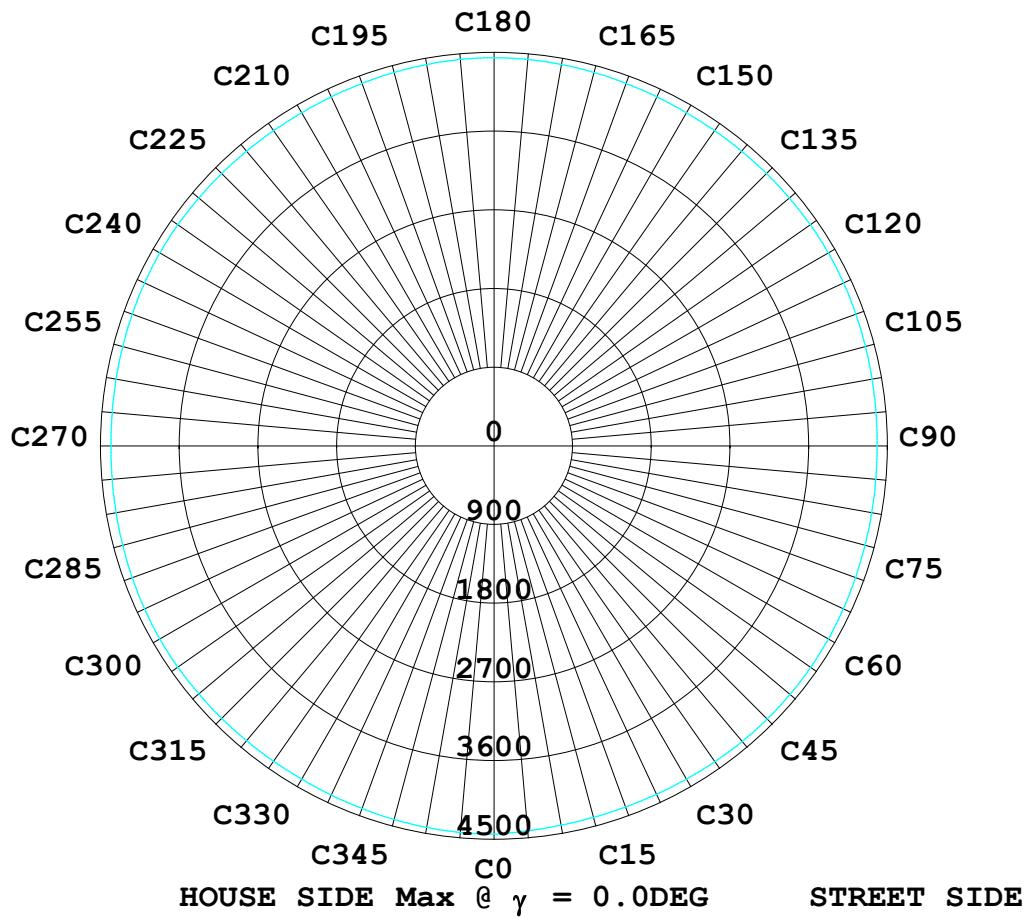
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-02-2023

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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: 4000k

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1003-1-2-3-2	TYPE: .5w 4k 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	4441	4400	4416	4381	4416	4400	4441	4400	4416	4381	4416	4400
5.0	4319	4315	4375	4316	4375	4315	4319	4315	4375	4316	4375	4315
10.0	3898	3956	4074	4017	4074	3956	3898	3956	4074	4017	4074	3956
15.0	3139	3252	3479	3374	3479	3252	3139	3252	3479	3374	3479	3252
20.0	2151	2333	2547	2480	2547	2333	2151	2333	2547	2480	2547	2333
25.0	1209	1347	1539	1460	1539	1347	1209	1347	1539	1460	1539	1347
30.0	508	552	664	566	664	552	508	552	664	566	664	552
35.0	185	192	243	197	243	192	185	192	243	197	243	192
40.0	86.9	83.2	115	76.8	115	83.2	86.9	83.2	115	76.8	115	83.2
45.0	53.8	45.3	67.5	39.8	67.5	45.3	53.8	45.3	67.5	39.8	67.5	45.3
50.0	35.7	27.5	43.3	22.6	43.3	27.5	35.7	27.5	43.3	22.6	43.3	27.5
55.0	24.1	16.5	28.7	12.3	28.7	16.5	24.1	16.5	28.7	12.3	28.7	16.5
60.0	16.4	8.93	19.4	5.86	19.4	8.93	16.4	8.93	19.4	5.86	19.4	8.93
65.0	10.7	3.88	12.9	1.98	12.9	3.88	10.7	3.88	12.9	1.98	12.9	3.88
70.0	8.75	1.17	8.84	1.08	8.84	1.17	8.75	1.17	8.84	1.08	8.84	1.17
75.0	7.94	1.08	8.03	0.99	8.03	1.08	7.94	1.08	8.03	0.99	8.03	1.08
80.0	7.22	1.17	7.22	0.99	7.22	1.17	7.22	1.17	7.22	0.99	7.22	1.17
85.0	6.76	1.08	6.67	1.08	6.67	1.08	6.76	1.08	6.67	1.08	6.67	1.08
90.0	6.40	1.17	6.13	1.08	6.13	1.17	6.40	1.17	6.13	1.08	6.13	1.17
95.0	6.04	1.35	5.77	1.26	5.77	1.35	6.04	1.35	5.77	1.26	5.77	1.35
100.0	5.77	1.53	5.50	1.35	5.50	1.53	5.77	1.53	5.50	1.35	5.50	1.53
105.0	5.77	1.80	5.32	1.53	5.32	1.80	5.77	1.80	5.32	1.53	5.32	1.80
110.0	5.95	2.25	5.23	1.80	5.23	2.25	5.95	2.25	5.23	1.80	5.23	2.25
115.0	6.40	2.97	5.41	2.34	5.41	2.97	6.40	2.97	5.41	2.34	5.41	2.97
120.0	7.12	3.88	5.95	3.15	5.95	3.88	7.12	3.88	5.95	3.15	5.95	3.88
125.0	8.30	5.14	6.85	4.24	6.85	5.14	8.30	5.14	6.85	4.24	6.85	5.14
130.0	9.74	6.85	8.21	6.04	8.21	6.85	9.74	6.85	8.21	6.04	8.21	6.85
135.0	11.3	8.84	10.0	8.12	10.0	8.84	11.3	8.84	10.0	8.12	10.0	8.84
140.0	13.1	10.8	12.0	10.4	12.0	10.8	13.1	10.8	12.0	10.4	12.0	10.8
145.0	14.9	12.9	14.1	12.9	14.1	12.9	14.9	12.9	14.1	12.9	14.1	12.9
150.0	16.6	14.8	16.2	15.3	16.2	14.8	16.6	14.8	16.2	15.3	16.2	14.8
155.0	18.1	16.5	18.1	17.4	18.1	16.5	18.1	16.5	18.1	17.4	18.1	16.5
160.0	19.4	17.9	19.4	18.9	19.4	17.9	19.4	17.9	19.4	18.9	19.4	17.9
165.0	20.6	19.0	20.4	19.7	20.4	19.0	20.6	19.0	20.4	19.7	20.4	19.0
170.0	21.8	20.1	21.0	20.3	21.0	20.1	21.8	20.1	21.0	20.3	21.0	20.1
175.0	22.7	20.9	21.5	21.0	21.5	20.9	22.7	20.9	21.5	21.0	21.5	20.9
180.0	23.2	21.9	22.0	21.7	22.0	21.9	23.2	21.9	22.0	21.7	22.0	21.9

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