

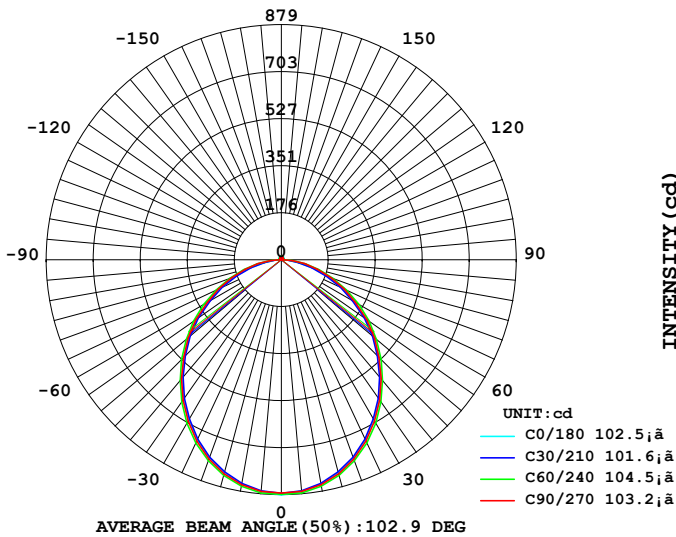
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

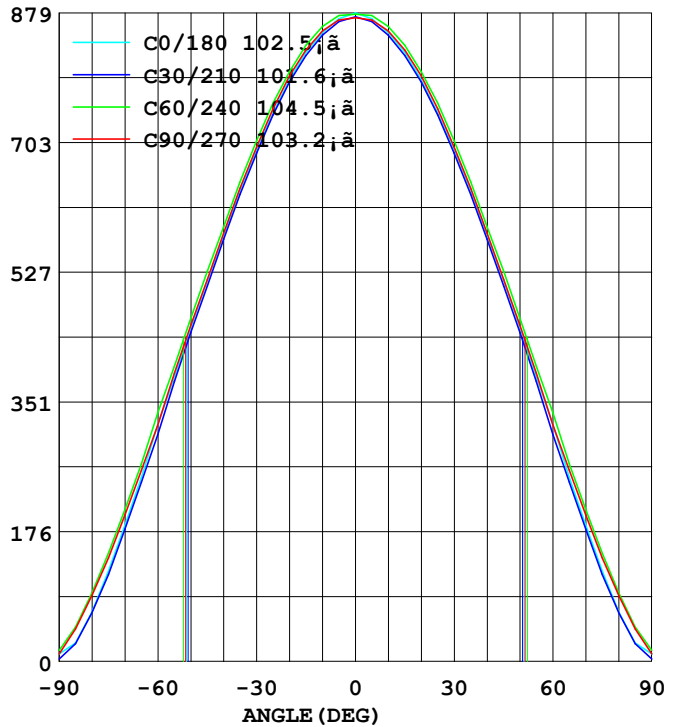
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

DATA OF LAMP		Imax (cd)	878.5	S/MH (C0/180)	1.18
MODEL	1002-1-2-3-1	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.20
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2296.8	Voltage (V)	219.0
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	114.5	Current (A)	0.120
NOMINAL FLUX (lm)	2296.8	η up (%)	2.3	Power (W)	20.05
LAMPS QUANTITY	1	η down (%)	97.7	Power Factor (PF)	0.986
TEST VOLTAGE (V)	219.0	Effective Flux (lm)	2201.6	EET	0.124

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-01-2023

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 FARIBAAD HARYANA 121005		
NAME: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

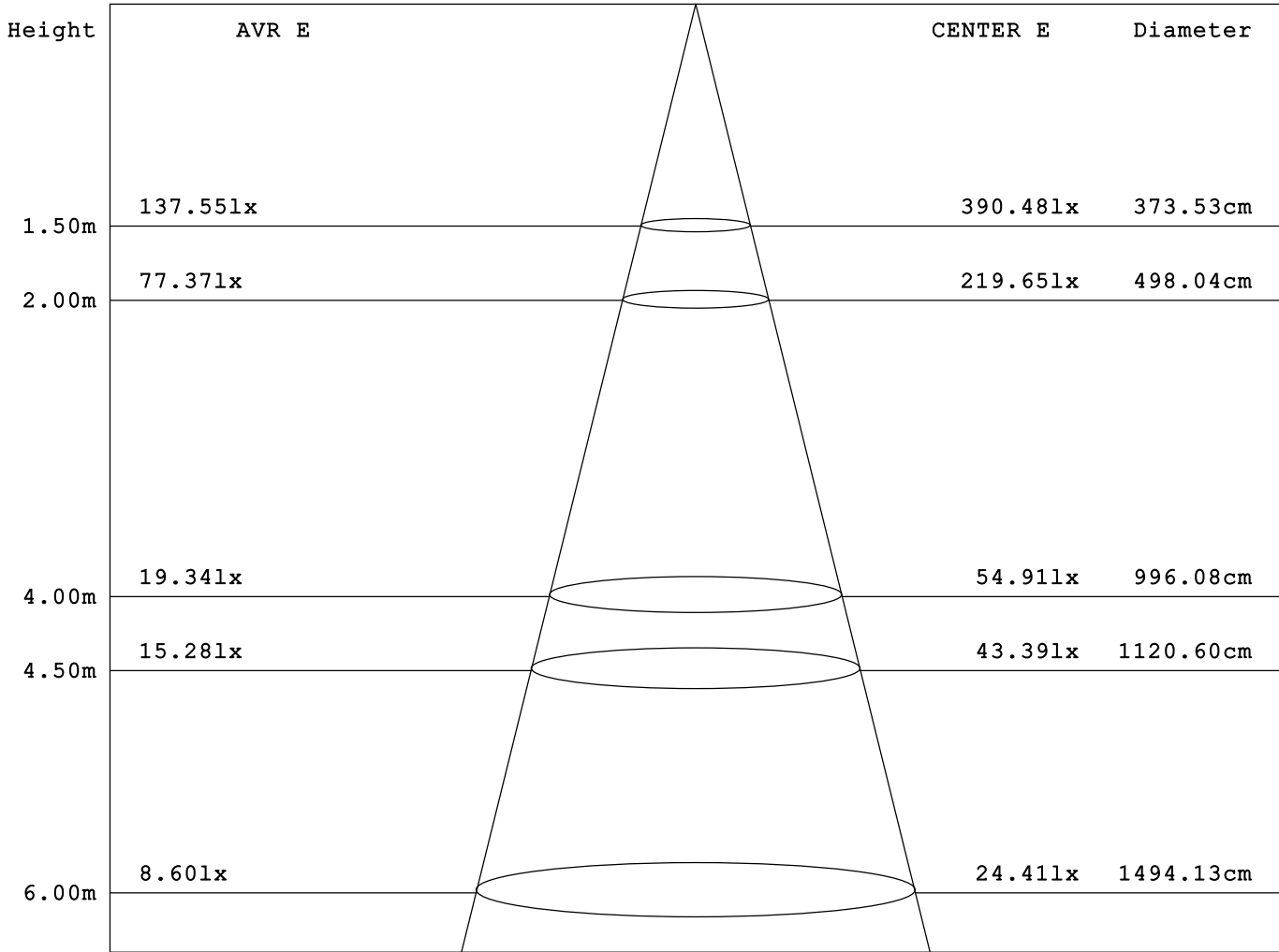
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:



Angle:102.5deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	852.0	854.2	854.0	854.2	852.0	854.2	854.0	854.2	0- 10	82.54	82.54
20.0	788.1	792.0	793.2	792.0	788.1	792.0	793.2	792.0	10- 20	233.1	315.6
30.0	693.2	696.9	696.8	696.9	693.2	696.9	696.8	696.9	20- 30	344.0	659.7
40.0	576.8	580.4	580.3	580.4	576.8	580.4	580.3	580.4	30- 40	400.4	1060
50.0	451.3	454.8	454.9	454.8	451.3	454.8	454.9	454.8	40- 50	399.6	1460
60.0	320.6	321.9	320.2	321.9	320.6	321.9	320.2	321.9	50- 60	347.5	1807
70.0	183.9	191.9	198.0	191.9	183.9	191.9	198.0	191.9	60- 70	253.2	2061
80.0	66.51	79.05	88.98	79.05	66.51	79.05	88.98	79.05	70- 80	140.9	2202
90.0	10.01	9.205	10.28	9.205	10.01	9.205	10.28	9.205	80- 90	43.01	2245
100.0	9.025	6.091	3.158	6.091	9.025	6.091	3.158	6.091	90-100	7.675	2252
110.0	9.025	6.543	4.332	6.543	9.025	6.543	4.332	6.543	100-110	6.661	2259
120.0	9.656	7.445	5.685	7.445	9.656	7.445	5.685	7.445	110-120	6.990	2266
130.0	10.37	8.483	7.129	8.483	10.37	8.483	7.129	8.483	120-130	7.205	2273
140.0	11.37	9.701	8.573	9.701	11.37	9.701	8.573	9.701	130-140	7.110	2280
150.0	12.36	10.87	9.927	10.87	12.36	10.87	9.927	10.87	140-150	6.513	2287
160.0	13.17	11.95	11.19	11.95	13.17	11.95	11.19	11.95	150-160	5.305	2292
170.0	13.80	12.77	12.09	12.77	13.80	12.77	12.09	12.77	160-170	3.518	2296
180.0	13.98	13.22	12.90	13.22	13.98	13.22	12.90	13.22	170-180	1.245	2297
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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

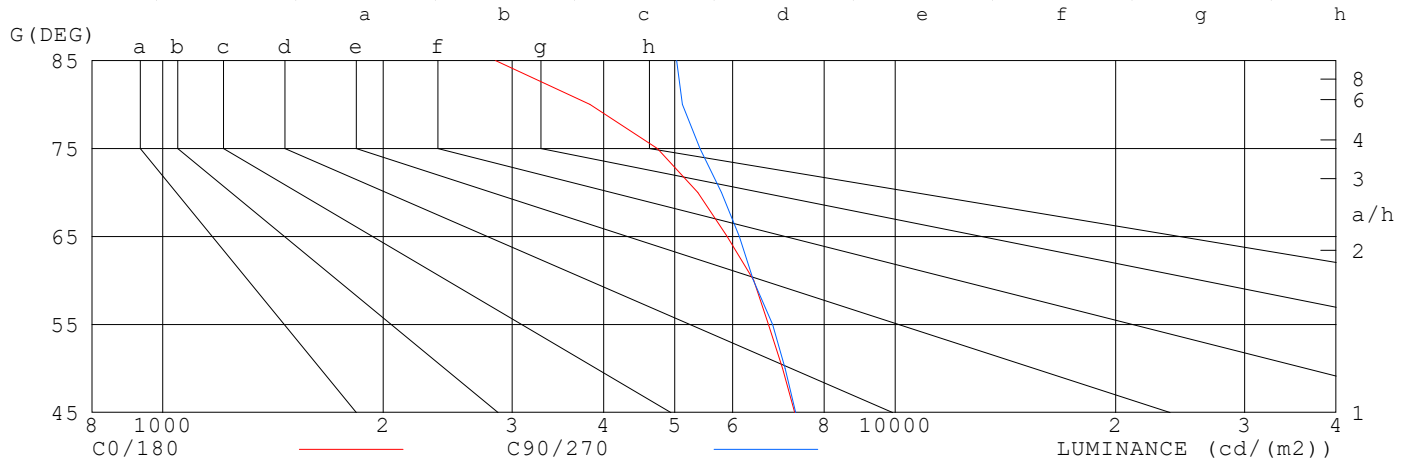
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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	2848	5033
80	3830	5125
75	4735	5415
70	5378	5789
65	5898	6129
60	6413	6404
55	6712	6807
50	7022	7078
45	7294	7313

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

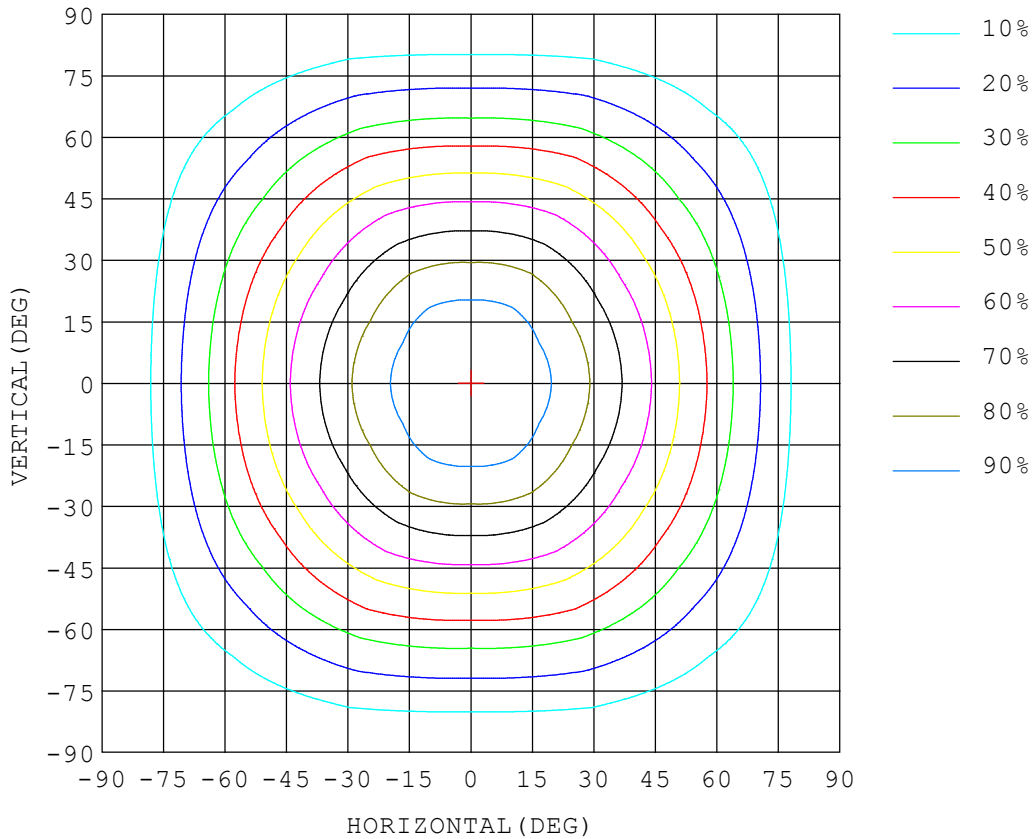
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

UNIT: cd



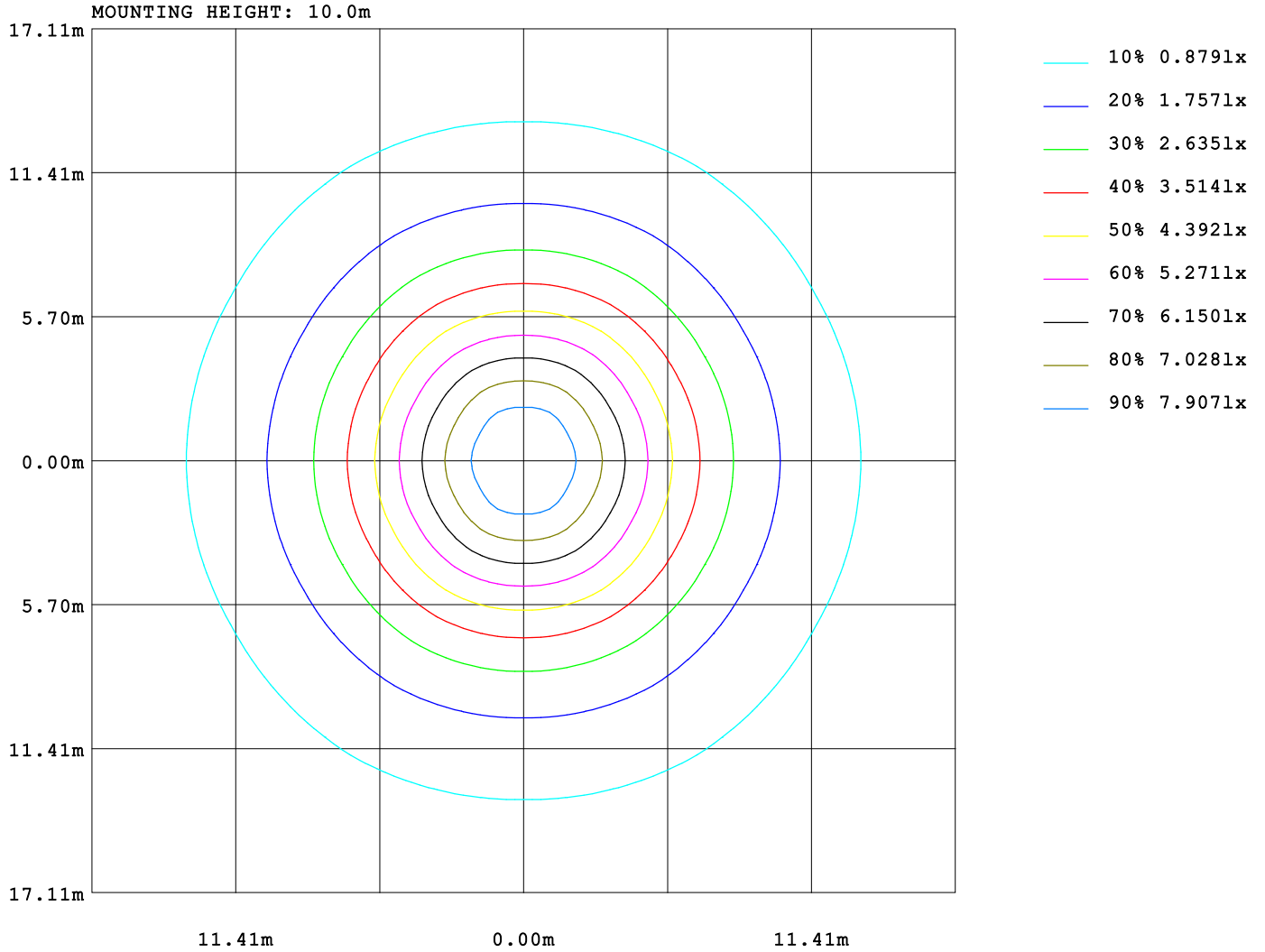
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	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	0.03	0.09	0.17	0.32	0.62	0.98	1.25	1.37	1.42	1.42	1.37	1.25	0.98	0.62	0.32	0.17	0.09	0.03	12.5	0.00		
80	0.04	0.17	0.46	1.00	1.83	2.78	3.60	4.08	4.30	4.30	4.08	3.60	2.78	1.83	1.00	0.46	0.17	0.04	36.5	30.5		
70	0.05	0.29	0.91	1.94	3.41	5.04	6.50	7.42	7.85	7.85	7.42	6.50	5.04	3.41	1.94	0.91	0.29	0.05	66.8	64.4		
60	0.06	0.45	1.42	2.99	5.11	7.46	9.66	11.0	11.7	11.7	11.0	9.66	7.46	5.11	2.99	1.42	0.45	0.06	100	98.7		
50	0.07	0.61	1.94	4.03	6.75	9.82	12.6	14.6	15.6	15.6	14.6	12.6	9.82	6.75	4.03	1.94	0.61	0.07	132	132		
40	0.08	0.76	2.41	4.99	8.28	11.9	15.3	18.0	19.3	19.3	18.0	15.3	11.9	8.28	4.99	2.41	0.76	0.08	162	162		
30	0.10	0.88	2.80	5.81	9.57	13.6	17.6	20.9	22.5	22.5	20.9	17.6	13.6	9.57	5.81	2.80	0.88	0.10	188	187		
20	0.10	0.97	3.08	6.39	10.5	14.9	19.2	22.9	24.9	24.9	22.9	19.2	14.9	10.5	6.39	3.08	0.97	0.10	206	206		
10	0.11	1.01	3.24	6.71	11.0	15.7	20.2	23.9	26.0	26.0	23.9	20.2	15.7	11.0	6.71	3.24	1.01	0.11	216	216		
0	0.11	1.01	3.24	6.71	11.0	15.7	20.2	23.9	26.0	26.0	23.9	20.2	15.7	11.0	6.71	3.24	1.01	0.11	216	216		
-10	0.10	0.97	3.08	6.39	10.5	14.9	19.2	22.9	24.9	24.9	22.9	19.2	14.9	10.5	6.39	3.08	0.97	0.10	206	206		
-20	0.10	0.88	2.80	5.81	9.57	13.6	17.6	20.9	22.5	22.5	20.9	17.6	13.6	9.57	5.81	2.80	0.88	0.10	188	187		
-30	0.08	0.76	2.41	4.99	8.28	11.9	15.3	18.0	19.3	19.3	18.0	15.3	11.9	8.28	4.99	2.41	0.76	0.08	162	162		
-40	0.07	0.61	1.94	4.03	6.75	9.82	12.6	14.6	15.6	15.6	14.6	12.6	9.82	6.75	4.03	1.94	0.61	0.07	132	132		
-50	0.06	0.45	1.42	2.99	5.11	7.46	9.66	11.0	11.7	11.7	11.0	9.66	7.46	5.11	2.99	1.42	0.45	0.06	100	98.7		
-60	0.05	0.29	0.91	1.94	3.41	5.04	6.50	7.42	7.85	7.85	7.42	6.50	5.04	3.41	1.94	0.91	0.29	0.05	66.8	64.4		
-70	0.04	0.17	0.46	1.00	1.83	2.78	3.60	4.08	4.30	4.30	4.08	3.60	2.78	1.83	1.00	0.46	0.17	0.04	36.5	30.5		
-80	0.03	0.09	0.17	0.32	0.62	0.98	1.25	1.37	1.42	1.42	1.37	1.25	0.98	0.62	0.32	0.17	0.09	0.03	12.5	0.00		
-90	0.03	0.09	0.17	0.32	0.62	0.98	1.25	1.37	1.42	1.42	1.37	1.25	0.98	0.62	0.32	0.17	0.09	0.03	12.5	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90						
Φ t	1.25	10.4	32.9	68.4	114	165	213	249	268	268	249	213	165	114	68.4	32.9	10.4	1.25	2297			
Φ a	0.00	6.69	29.9	65.5	111	162	210	246	265	265	246	210	162	111	65.5	29.9	6.69	0.00		2202		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

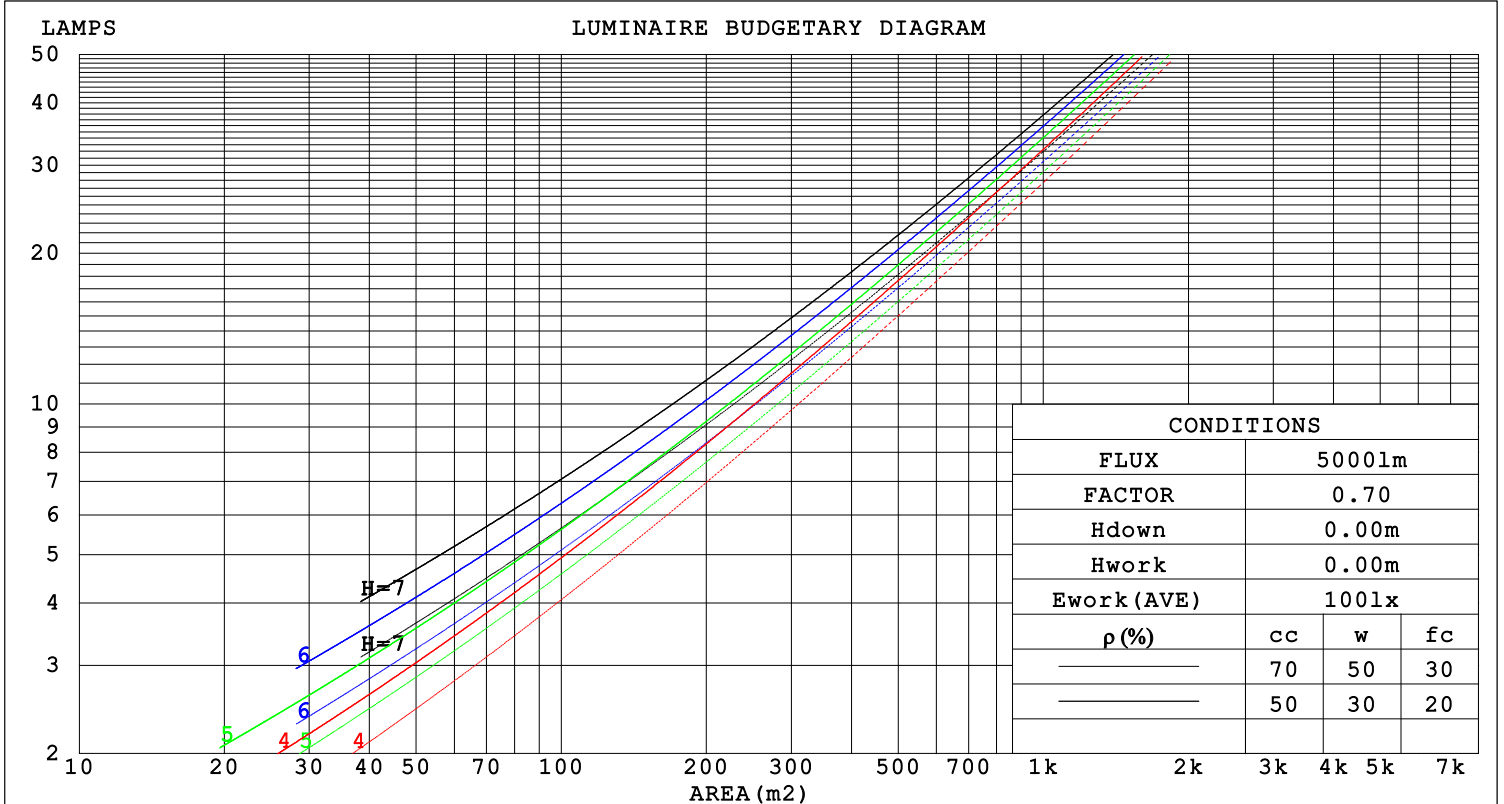
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SARORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	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	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.04	.00	.96	1.01	.98	.94	.97	.94	.91	.92	.90	.88	.88	.86	.85	.82
2.0	.91	.84	.79	.89	.83	.77	.85	.80	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.80	.72	.66	.78	.71	.65	.75	.69	.63	.72	.67	.62	.69	.65	.61	.59
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.54	.64	.58	.53	.62	.57	.52	.50
5.0	.64	.55	.48	.62	.54	.48	.60	.53	.47	.58	.51	.47	.56	.50	.46	.44
6.0	.57	.49	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.44	.37	.51	.43	.37	.50	.42	.37	.48	.41	.36	.46	.40	.36	.34
8.0	.48	.39	.34	.47	.39	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.30
9.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.39	.34	.29	.27
10.0	.40	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1					TYPE: .5W 4K CRI 90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*46*70					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	.301	.171	.054	.293	.167	.053	.279	.160	.051	.265	.153	.049	.253	.147	.047	
2.0	.283	.155	.048	.276	.152	.047	.263	.146	.045	.252	.141	.044	.241	.136	.043	
3.0	.262	.140	.042	.256	.137	.041	.245	.133	.040	.234	.128	.039	.225	.124	.038	
4.0	.243	.126	.037	.237	.124	.037	.227	.120	.036	.218	.117	.035	.209	.114	.035	
5.0	.225	.114	.033	.220	.113	.033	.211	.110	.032	.202	.107	.032	.195	.104	.031	
6.0	.209	.105	.030	.204	.103	.030	.196	.101	.029	.189	.098	.029	.182	.096	.028	
7.0	.195	.096	.027	.191	.095	.027	.183	.093	.027	.177	.091	.026	.170	.088	.026	
8.0	.182	.089	.025	.179	.088	.025	.172	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.171	.083	.023	.168	.082	.023	.162	.080	.023	.156	.078	.022	.151	.077	.022	
10.0	.161	.077	.021	.158	.076	.021	.153	.075	.021	.147	.073	.021	.143	.072	.021	

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	.208	.208	.208	.178	.178	.178	.121	.121	.121	.070	.070	.070	.022	.022	.022	
1.0	.197	.174	.153	.169	.149	.131	.115	.103	.091	.066	.059	.053	.021	.019	.017	
2.0	.189	.150	.117	.162	.129	.101	.111	.089	.070	.064	.052	.041	.020	.017	.013	
3.0	.181	.132	.093	.155	.114	.081	.106	.079	.057	.061	.046	.033	.020	.015	.011	
4.0	.173	.119	.077	.148	.102	.067	.102	.071	.047	.059	.042	.028	.019	.014	.009	
5.0	.166	.108	.066	.142	.094	.057	.098	.065	.040	.057	.038	.024	.018	.013	.008	
6.0	.158	.100	.058	.136	.086	.050	.094	.061	.036	.055	.036	.021	.018	.012	.007	
7.0	.152	.093	.052	.131	.081	.045	.090	.056	.032	.052	.033	.019	.017	.011	.006	
8.0	.145	.087	.047	.125	.076	.041	.087	.053	.029	.050	.031	.017	.016	.010	.006	
9.0	.139	.082	.044	.120	.071	.038	.083	.050	.027	.048	.030	.016	.016	.010	.005	
10.0	.134	.078	.041	.115	.068	.036	.080	.048	.025	.047	.028	.015	.015	.009	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1					TYPE: .5W 4K CRI 90			WEIGHT:		
SPECIFICATION:					DIMENSION: 1200*46*70			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	19.1	20.6	19.4	20.8	21.0	19.4	20.8	19.7	21.0	21.3
	3H	20.4	21.7	20.7	22.0	22.3	20.7	22.1	21.1	22.4	22.6
	4H	20.8	22.1	21.2	22.4	22.7	21.3	22.6	21.7	22.9	23.2
	6H	21.1	22.3	21.4	22.6	22.9	21.7	22.9	22.1	23.2	23.6
	8H	21.1	22.2	21.4	22.5	22.9	21.9	23.0	22.2	23.3	23.7
	12H	21.1	22.2	21.5	22.5	22.9	22.0	23.1	22.3	23.4	23.7
4H	2H	19.7	20.9	20.0	21.2	21.5	19.9	21.1	20.2	21.4	21.7
	3H	21.1	22.2	21.5	22.5	22.9	21.5	22.6	21.9	22.9	23.3
	4H	21.6	22.6	22.0	23.0	23.4	22.2	23.2	22.6	23.6	23.9
	6H	22.0	22.9	22.4	23.2	23.7	22.7	23.6	23.2	24.0	24.4
	8H	22.0	22.8	22.4	23.2	23.7	22.9	23.8	23.4	24.2	24.6
	12H	22.0	22.8	22.5	23.2	23.7	23.1	23.8	23.5	24.3	24.7
8H	4H	21.9	22.7	22.3	23.1	23.5	22.4	23.2	22.8	23.6	24.1
	6H	22.3	23.0	22.8	23.4	23.9	23.1	23.8	23.6	24.2	24.7
	8H	22.4	23.0	22.9	23.4	23.9	23.4	24.0	23.9	24.4	24.9
	12H	22.4	23.0	22.9	23.4	24.0	23.6	24.1	24.1	24.6	25.1
12H	4H	21.9	22.6	22.3	23.1	23.5	22.4	23.1	22.8	23.6	24.0
	6H	22.3	22.9	22.8	23.4	23.9	23.1	23.7	23.6	24.2	24.7
	8H	22.4	23.0	22.9	23.5	24.0	23.4	23.9	23.9	24.4	25.0

Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.4 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 2297 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.9)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	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	58	47	40	58	47	40	56	46	40	33
0.80	68	57	50	67	56	50	65	56	49	42
1.00	77	66	59	75	65	58	73	66	58	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	88	79	72	87	78	71	83	76	70	62
2.00	95	87	80	93	85	80	89	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	104	100	106	101	98	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

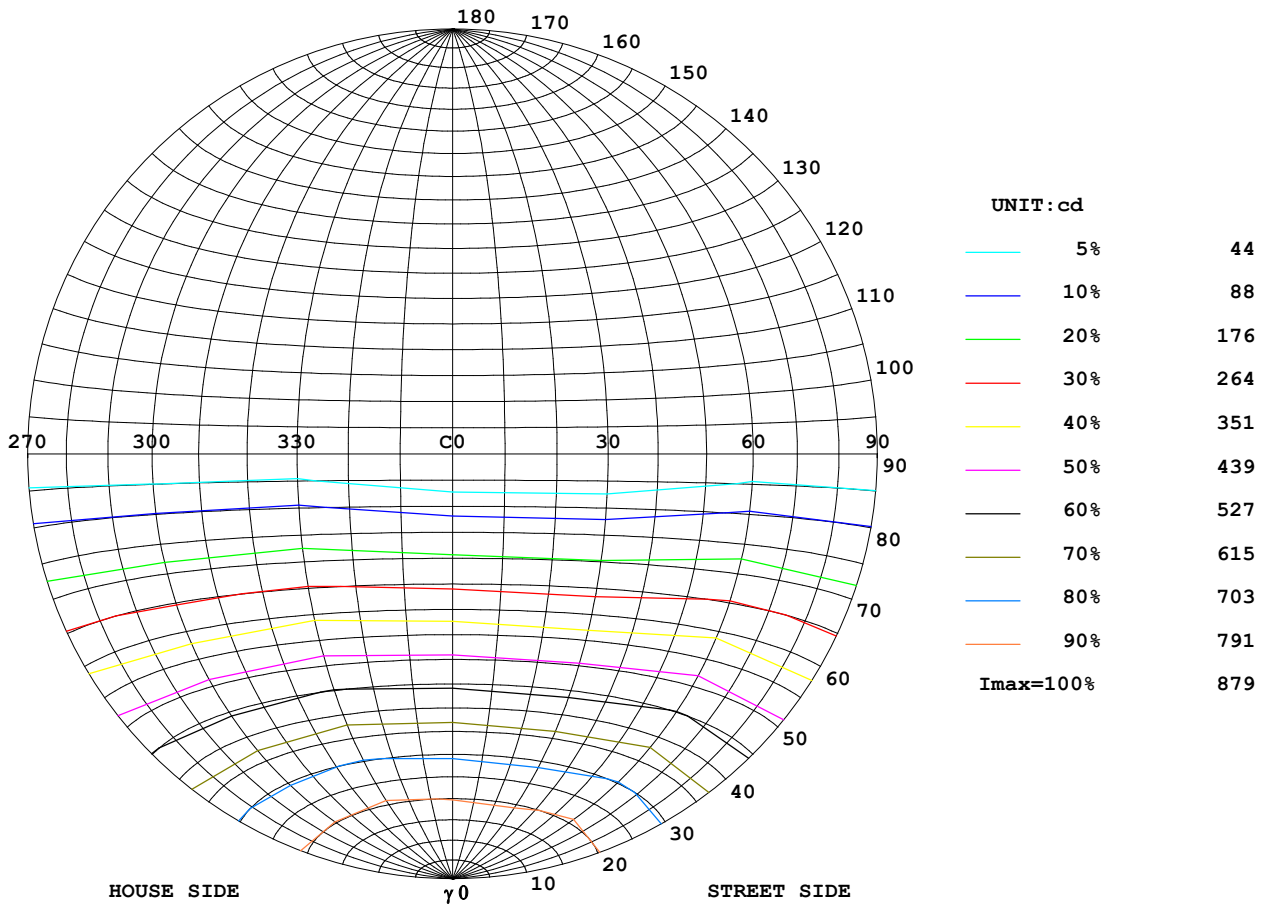
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

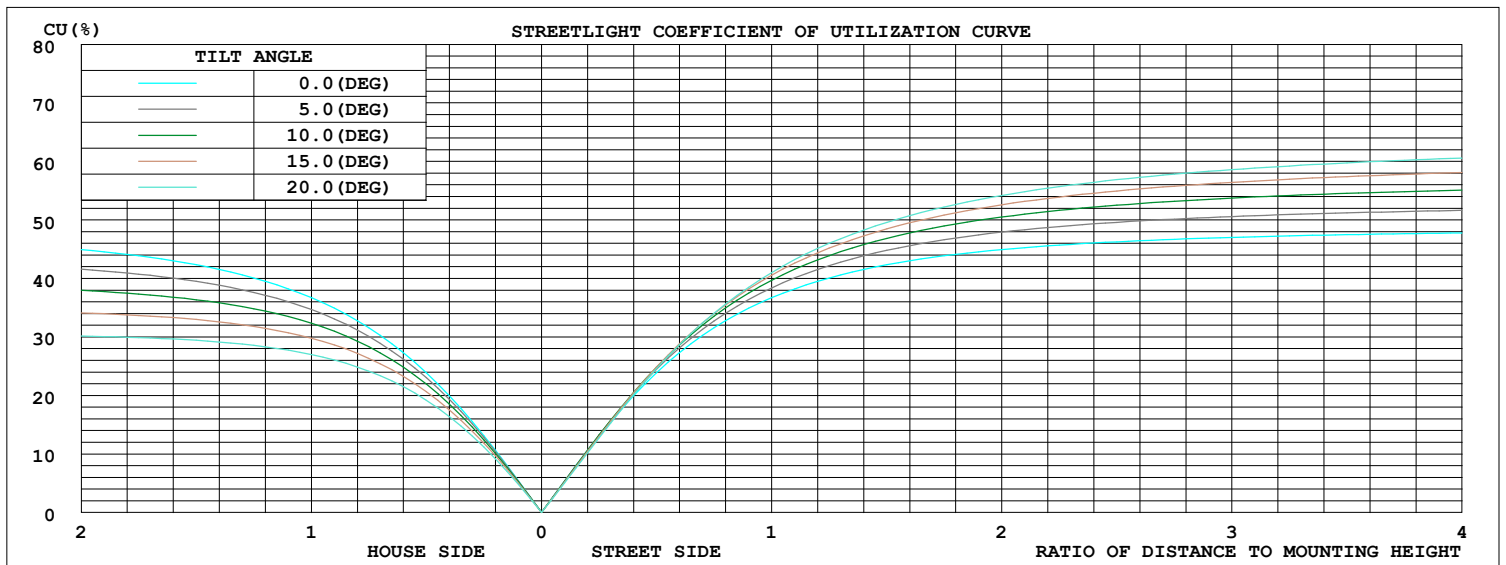
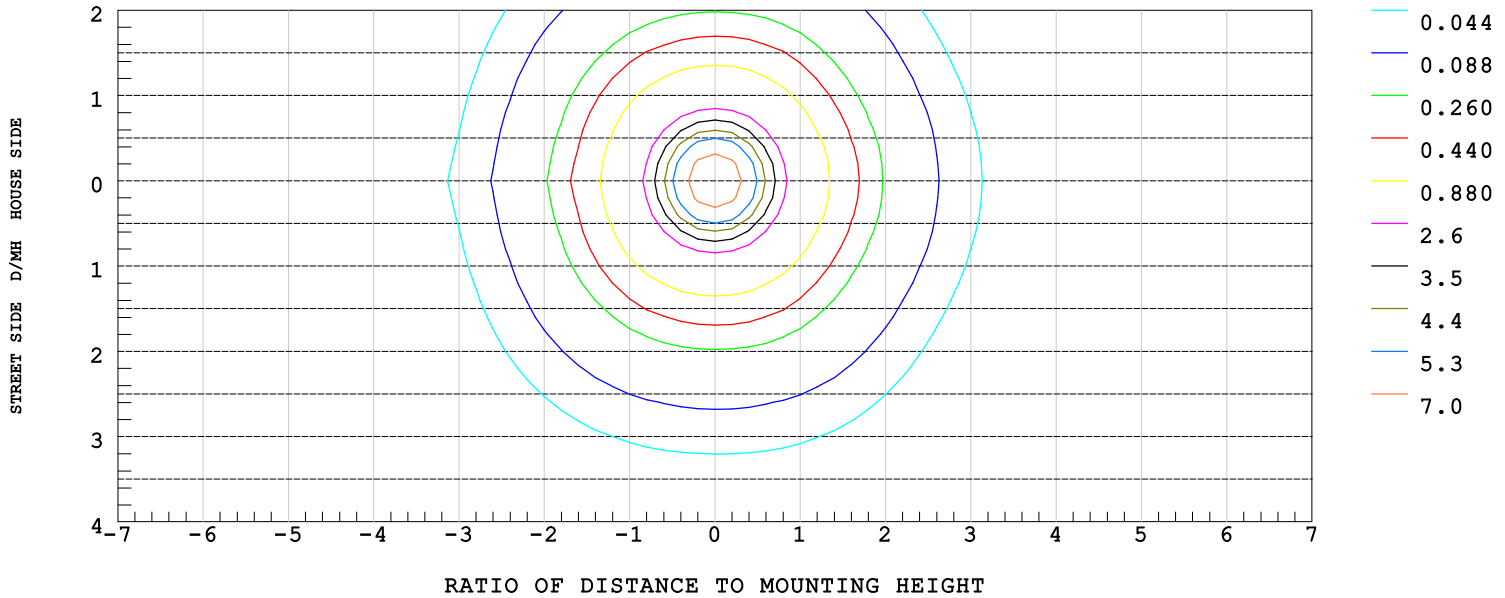
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 8.79 lx



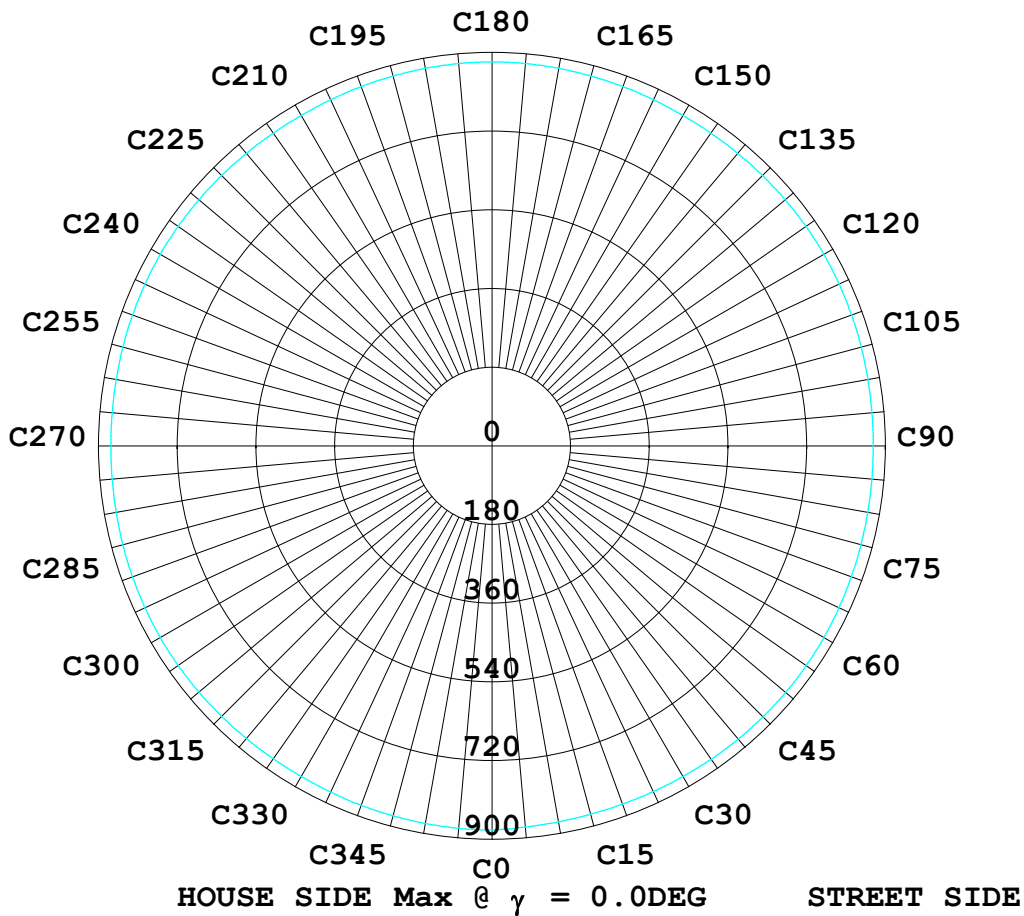
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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: 1002-1-2-3-1	TYPE: .5W 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*46*70	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	879	873	877	872	877	873	879	873	877	872	877	873
5.0	870	867	875	869	875	867	870	867	875	869	875	867
10.0	852	849	860	854	860	849	852	849	860	854	860	849
15.0	825	821	835	828	835	821	825	821	835	828	835	821
20.0	788	785	799	793	799	785	788	785	799	793	799	785
25.0	743	740	756	748	756	740	743	740	756	748	756	740
30.0	693	689	705	697	705	689	693	689	705	697	705	689
35.0	638	633	650	641	650	633	638	633	650	641	650	633
40.0	577	572	589	580	589	572	577	572	589	580	589	572
45.0	516	509	529	517	529	509	516	509	529	517	529	509
50.0	451	445	464	455	464	445	451	445	464	455	464	445
55.0	385	379	400	390	400	379	385	379	400	390	400	379
60.0	321	307	337	320	337	307	321	307	337	320	337	307
65.0	249	243	268	259	268	243	249	243	268	259	268	243
70.0	184	179	205	198	205	179	184	179	205	198	205	179
75.0	123	118	147	140	147	118	123	118	147	140	147	118
80.0	66.5	65.5	92.5	88.9	92.5	65.5	66.5	65.5	92.5	88.9	92.5	65.5
85.0	24.8	23.9	46.4	43.8	46.4	23.9	24.8	23.9	46.4	43.8	46.4	23.9
90.0	10.0	3.42	14.9	10.2	14.9	3.42	10.0	3.42	14.9	10.2	14.9	3.42
95.0	9.38	2.97	9.20	3.79	9.20	2.97	9.38	2.97	9.20	3.79	9.20	2.97
100.0	9.02	3.70	8.48	3.15	8.48	3.70	9.02	3.70	8.48	3.15	8.48	3.70
105.0	9.02	4.24	8.21	3.61	8.21	4.24	9.02	4.24	8.21	3.61	8.21	4.24
110.0	9.02	4.87	8.21	4.33	8.21	4.87	9.02	4.87	8.21	4.33	8.21	4.87
115.0	9.29	5.50	8.48	4.96	8.48	5.50	9.29	5.50	8.48	4.96	8.48	5.50
120.0	9.65	6.22	8.66	5.68	8.66	6.22	9.65	6.22	8.66	5.68	8.66	6.22
125.0	10.0	6.85	9.02	6.40	9.02	6.85	10.0	6.85	9.02	6.40	9.02	6.85
130.0	10.3	7.49	9.47	7.12	9.47	7.49	10.3	7.49	9.47	7.12	9.47	7.49
135.0	10.9	8.30	9.92	7.85	9.92	8.30	10.9	8.30	9.92	7.85	9.92	8.30
140.0	11.3	8.93	10.4	8.57	10.4	8.93	11.3	8.93	10.4	8.57	10.4	8.93
145.0	11.9	9.65	10.9	9.29	10.9	9.65	11.9	9.65	10.9	9.29	10.9	9.65
150.0	12.3	10.2	11.4	9.92	11.4	10.2	12.3	10.2	11.4	9.92	11.4	10.2
155.0	12.6	10.8	12.0	10.5	12.0	10.8	12.6	10.8	12.0	10.5	12.0	10.8
160.0	13.1	11.4	12.4	11.1	12.4	11.4	13.1	11.4	12.4	11.1	12.4	11.4
165.0	13.4	12.0	12.8	11.6	12.8	12.0	13.4	12.0	12.8	11.6	12.8	12.0
170.0	13.8	12.3	13.1	12.0	13.1	12.3	13.8	12.3	13.1	12.0	13.1	12.3
175.0	13.9	12.8	13.3	12.5	13.3	12.8	13.9	12.8	13.3	12.5	13.3	12.8
180.0	13.9	12.9	13.4	12.9	13.4	12.9	13.9	12.9	13.4	12.9	13.4	12.9

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-01-2023

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