

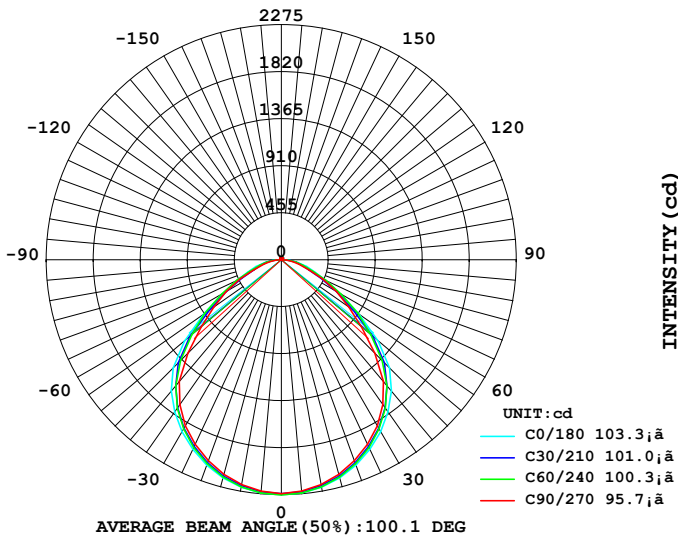
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

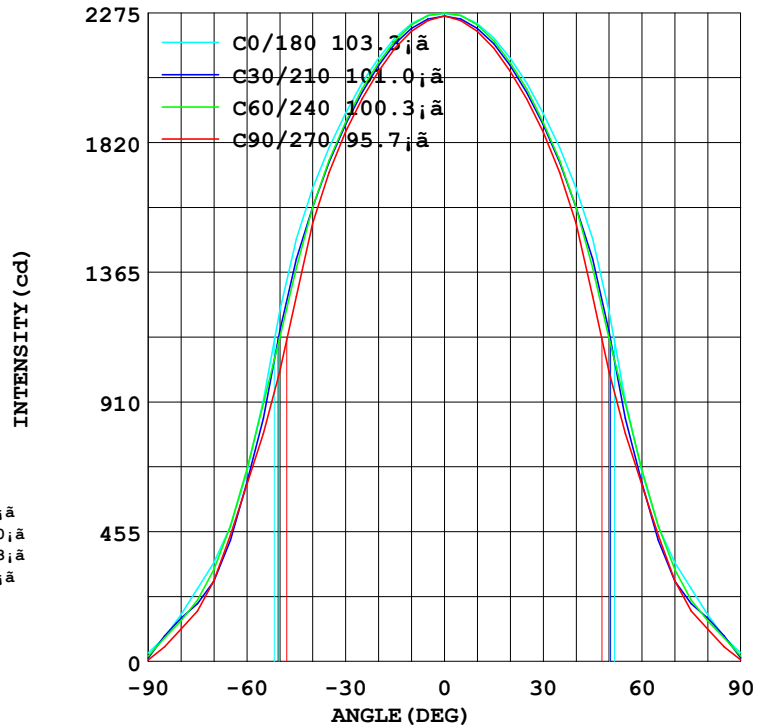
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:

DATA OF LAMP		Imax (cd)	2275	S/MH (C0/180)	1.26
MODEL	1024-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.22
NOMINAL POWER (W)	45	TOTAL FLUX (lm)	5583.6	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	122.7	Current (A)	0.215
NOMINAL FLUX (lm)	5583.6	η up (%)	2.0	Power (W)	45.50
LAMPS QUANTITY	1	η down (%)	98.0	Power Factor (PF)	0.970
TEST VOLTAGE (V)	219.2	Effective Flux (lm)	5291.5	EEL	0.116

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:

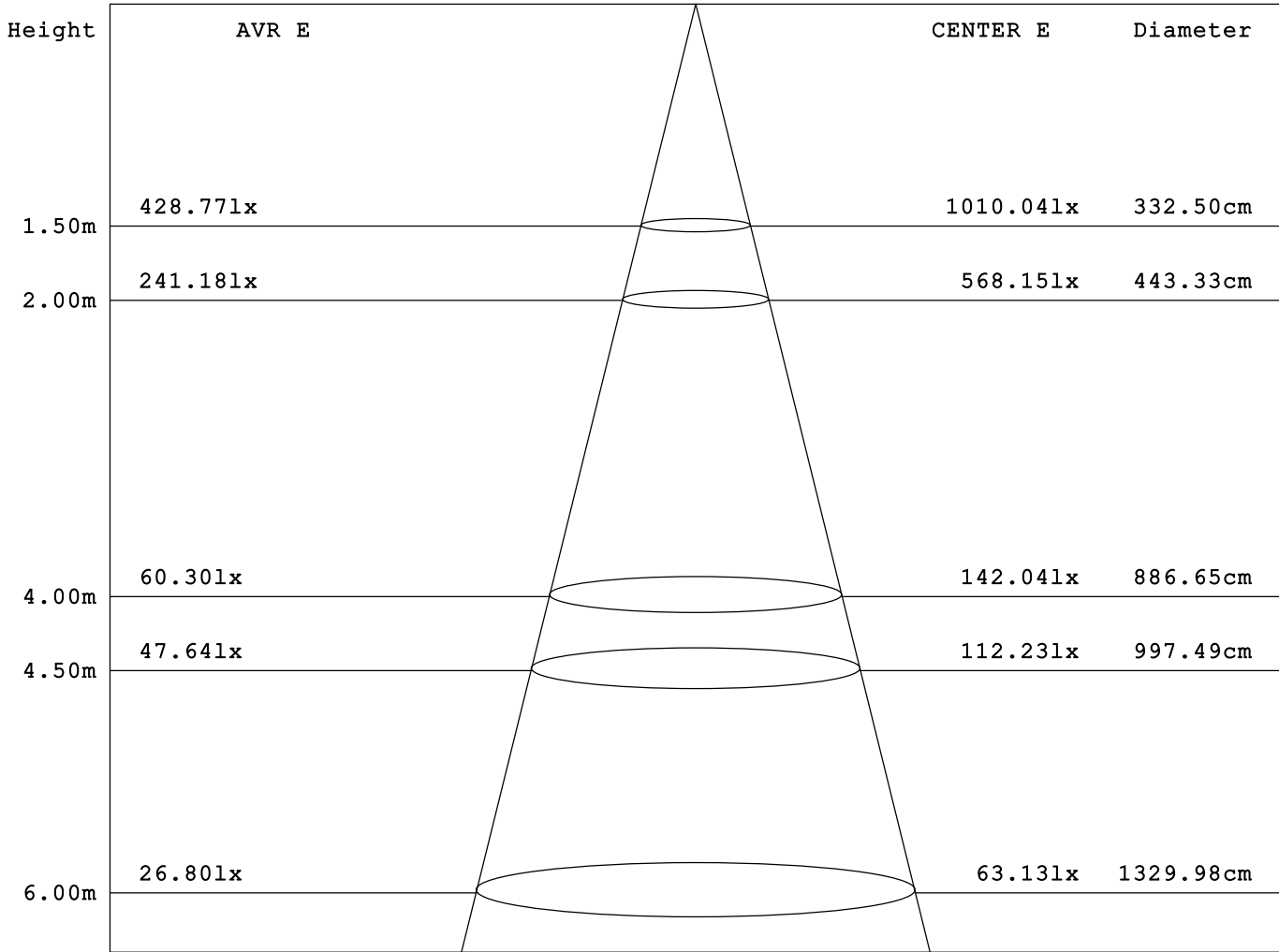
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:



Angle: 95.9deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2237	2227	2210	2227	2237	2227	2210	2227	0- 10	214.5	214.5
20.0	2117	2096	2071	2096	2117	2096	2071	2096	10- 20	612.4	827.0
30.0	1924	1888	1858	1888	1924	1888	1858	1888	20- 30	921.9	1749
40.0	1661	1593	1537	1593	1661	1593	1537	1593	30- 40	1096	2845
50.0	1228	1146	1017	1146	1228	1146	1017	1146	40- 50	1064	3909
60.0	663.7	648.6	619.4	648.6	663.7	648.6	619.4	648.6	50- 60	788.1	4697
70.0	345.8	301.6	281.9	301.6	345.8	301.6	281.9	301.6	60- 70	459.3	5156
80.0	163.8	146.2	113.3	146.2	163.8	146.2	113.3	146.2	70- 80	230.1	5386
90.0	29.69	15.29	4.783	15.29	29.69	15.29	4.783	15.29	80- 90	86.99	5473
100.0	15.43	10.92	7.220	10.92	15.43	10.92	7.220	10.92	90-100	13.13	5487
110.0	16.42	13.04	10.55	13.04	16.42	13.04	10.55	13.04	100-110	12.75	5499
120.0	18.32	15.74	14.34	15.74	18.32	15.74	14.34	15.74	110-120	14.41	5514
130.0	20.84	18.72	17.95	18.72	20.84	18.72	17.95	18.72	120-130	15.63	5529
140.0	23.55	21.75	21.56	21.75	23.55	21.75	21.56	21.75	130-140	15.83	5545
150.0	26.44	24.90	24.81	24.90	26.44	24.90	24.81	24.90	140-150	14.77	5560
160.0	29.15	27.97	27.79	27.97	29.15	27.97	27.79	27.97	150-160	12.30	5572
170.0	31.49	30.54	30.50	30.54	31.49	30.54	30.50	30.54	160-170	8.321	5581
180.0	33.12	32.08	31.85	32.08	33.12	32.08	31.85	32.08	170-180	2.993	5584
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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

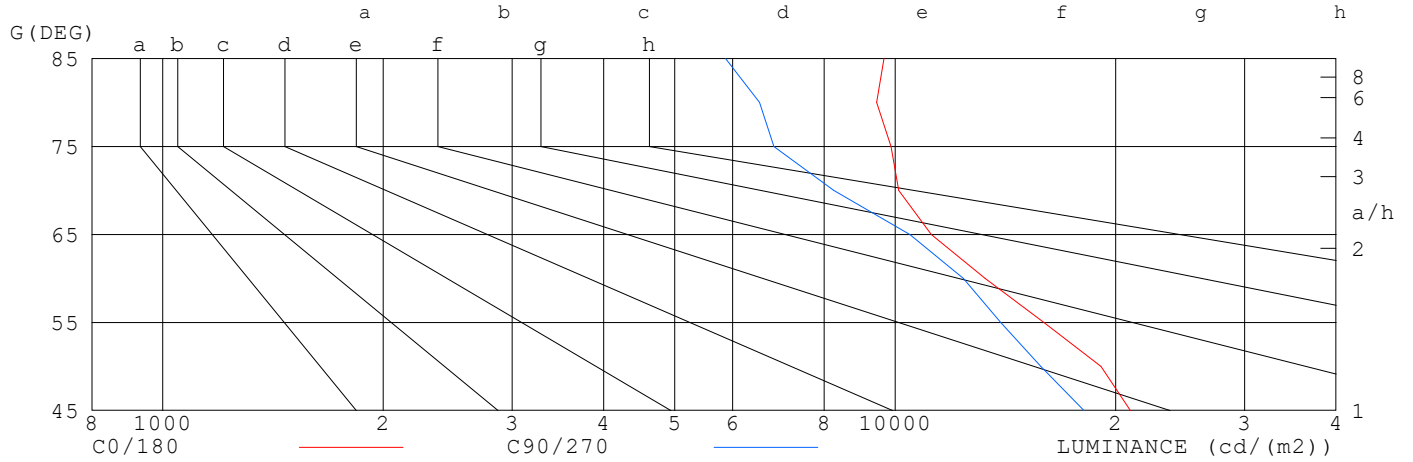
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	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	9661	5871
80	9433	6528
75	9872	6835
70	10112	8243
65	11205	10479
60	13276	12390
55	15978	13949
50	19106	15817
45	20964	18112

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

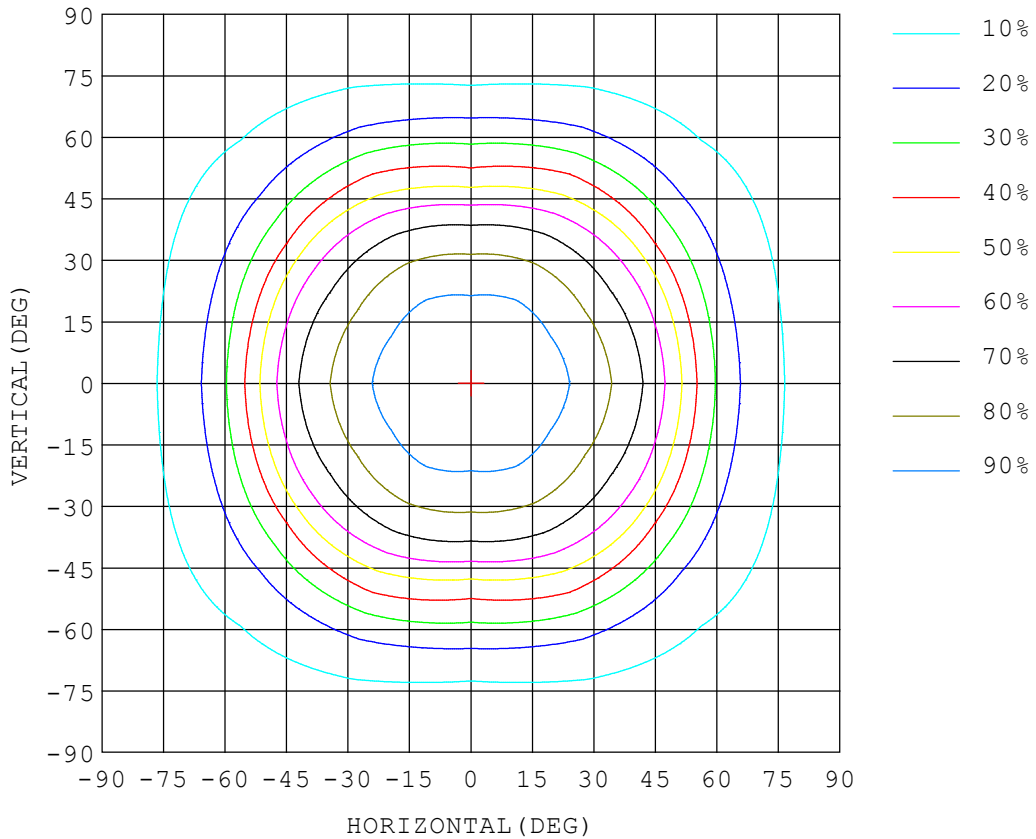
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:

UNIT: cd



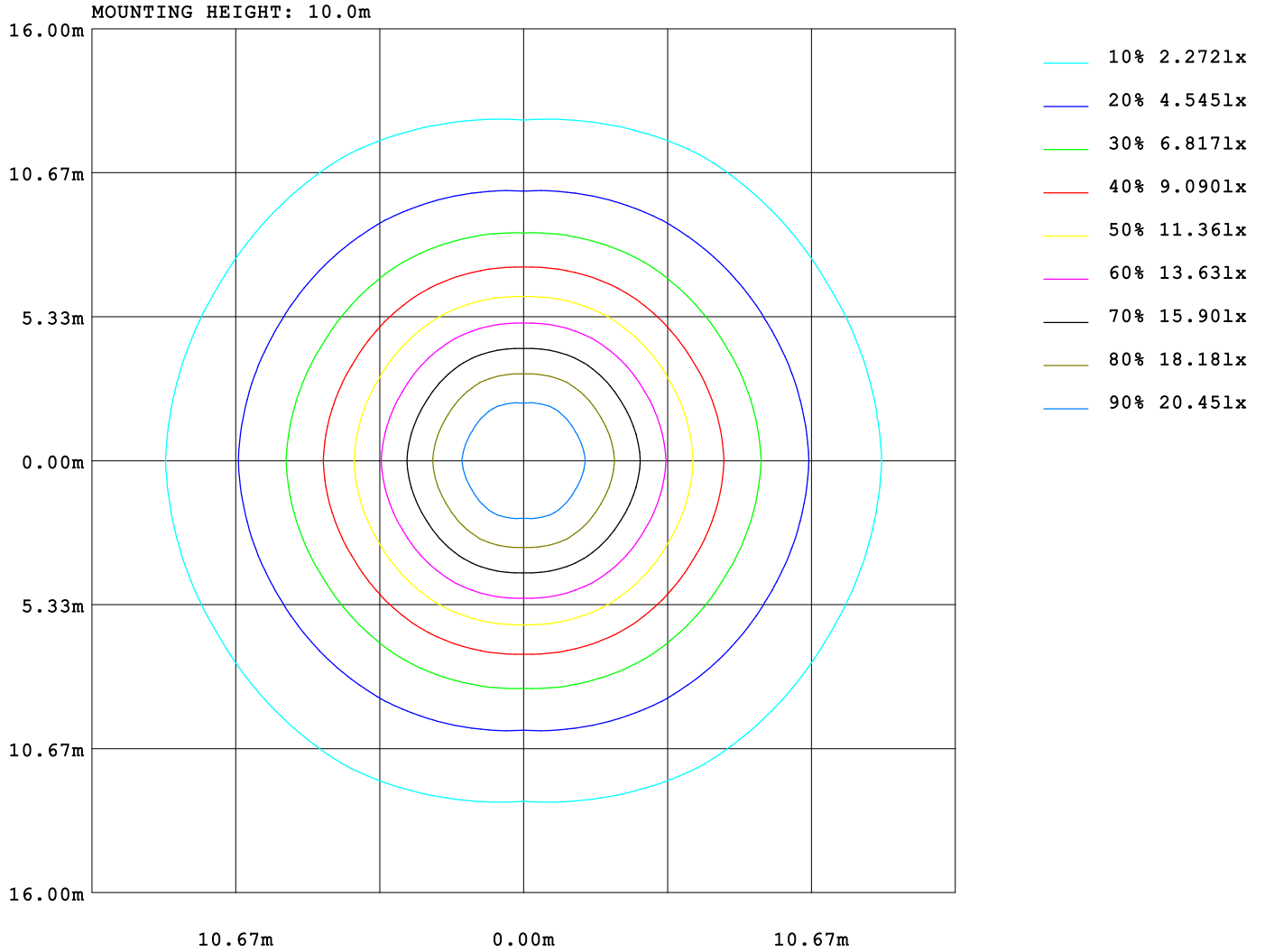
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	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	0.09	0.30	0.59	0.97	1.39	1.77	1.97	1.94	1.79	1.79	1.94	1.97	1.77	1.39	0.97	0.59	0.30	0.09	21.6	0.00		
80	0.12	0.58	1.35	2.29	3.30	4.37	5.30	5.76	5.82	5.82	5.76	5.30	4.37	3.30	2.29	1.35	0.58	0.12	57.8	13.6		
70	0.16	0.85	2.02	3.43	5.44	8.18	10.9	12.8	13.6	13.6	12.8	10.9	8.18	5.44	3.43	2.02	0.85	0.16	115	100		
60	0.19	1.10	2.68	4.89	8.93	14.4	20.1	23.6	24.8	24.8	23.6	20.1	14.4	8.93	4.89	2.68	1.10	0.19	202	195		
50	0.22	1.35	3.43	7.14	13.7	22.5	31.1	36.6	38.9	38.9	36.6	31.1	22.5	13.7	7.14	3.43	1.35	0.22	311	307		
40	0.25	1.58	4.29	9.86	19.2	31.2	41.4	48.5	51.6	51.6	48.5	41.4	31.2	19.2	9.86	4.29	1.58	0.25	416	414		
30	0.27	1.79	5.15	12.5	24.8	37.7	48.3	56.0	59.6	59.6	56.0	48.3	37.7	24.8	12.5	5.15	1.79	0.27	493	491		
20	0.29	1.95	5.86	14.7	28.9	41.9	52.5	60.8	65.0	65.0	60.8	52.5	41.9	28.9	14.7	5.86	1.95	0.29	544	543		
10	0.30	2.05	6.30	16.1	31.0	44.2	55.1	63.3	67.8	67.8	63.3	55.1	44.2	31.0	16.1	6.30	2.05	0.30	573	572		
0	0.30	2.05	6.30	16.1	31.0	44.2	55.1	63.3	67.8	67.8	63.3	55.1	44.2	31.0	16.1	6.30	2.05	0.30	573	572		
-10	0.29	1.95	5.86	14.7	28.9	41.9	52.5	60.8	65.0	65.0	60.8	52.5	41.9	28.9	14.7	5.86	1.95	0.29	544	543		
-20	0.27	1.79	5.15	12.5	24.8	37.7	48.3	56.0	59.6	59.6	56.0	48.3	37.7	24.8	12.5	5.15	1.79	0.27	493	491		
-30	0.25	1.58	4.29	9.86	19.2	31.2	41.4	48.5	51.6	51.6	48.5	41.4	31.2	19.2	9.86	4.29	1.58	0.25	416	414		
-40	0.22	1.35	3.43	7.14	13.7	22.5	31.1	36.6	38.9	38.9	36.6	31.1	22.5	13.7	7.14	3.43	1.35	0.22	311	307		
-50	0.19	1.10	2.68	4.89	8.93	14.4	20.1	23.6	24.8	24.8	23.6	20.1	14.4	8.93	4.89	2.68	1.10	0.19	202	195		
-60	0.16	0.85	2.02	3.43	5.44	8.18	10.9	12.8	13.6	13.6	12.8	10.9	8.18	5.44	3.43	2.02	0.85	0.16	115	100		
-70	0.12	0.58	1.35	2.29	3.30	4.37	5.30	5.76	5.82	5.82	5.76	5.30	4.37	3.30	2.29	1.35	0.58	0.12	57.8	13.6		
-80	0.09	0.30	0.59	0.97	1.39	1.77	1.97	1.94	1.79	1.79	1.94	1.97	1.77	1.39	0.97	0.59	0.30	0.09	21.6	0.00		
-90	0.09	0.30	0.59	0.97	1.39	1.77	1.97	1.94	1.79	1.79	1.94	1.97	1.77	1.39	0.97	0.59	0.30	0.09	21.6	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90						
Φ t	3.77	23.1	63.4	144	274	413	534	620	659	659	620	534	413	274	144	63.4	23.1	3.77	5584			
Φ a	0.00	9.35	50.7	131	262	402	523	609	648	648	609	523	402	262	131	50.7	9.35	0.00		5291		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

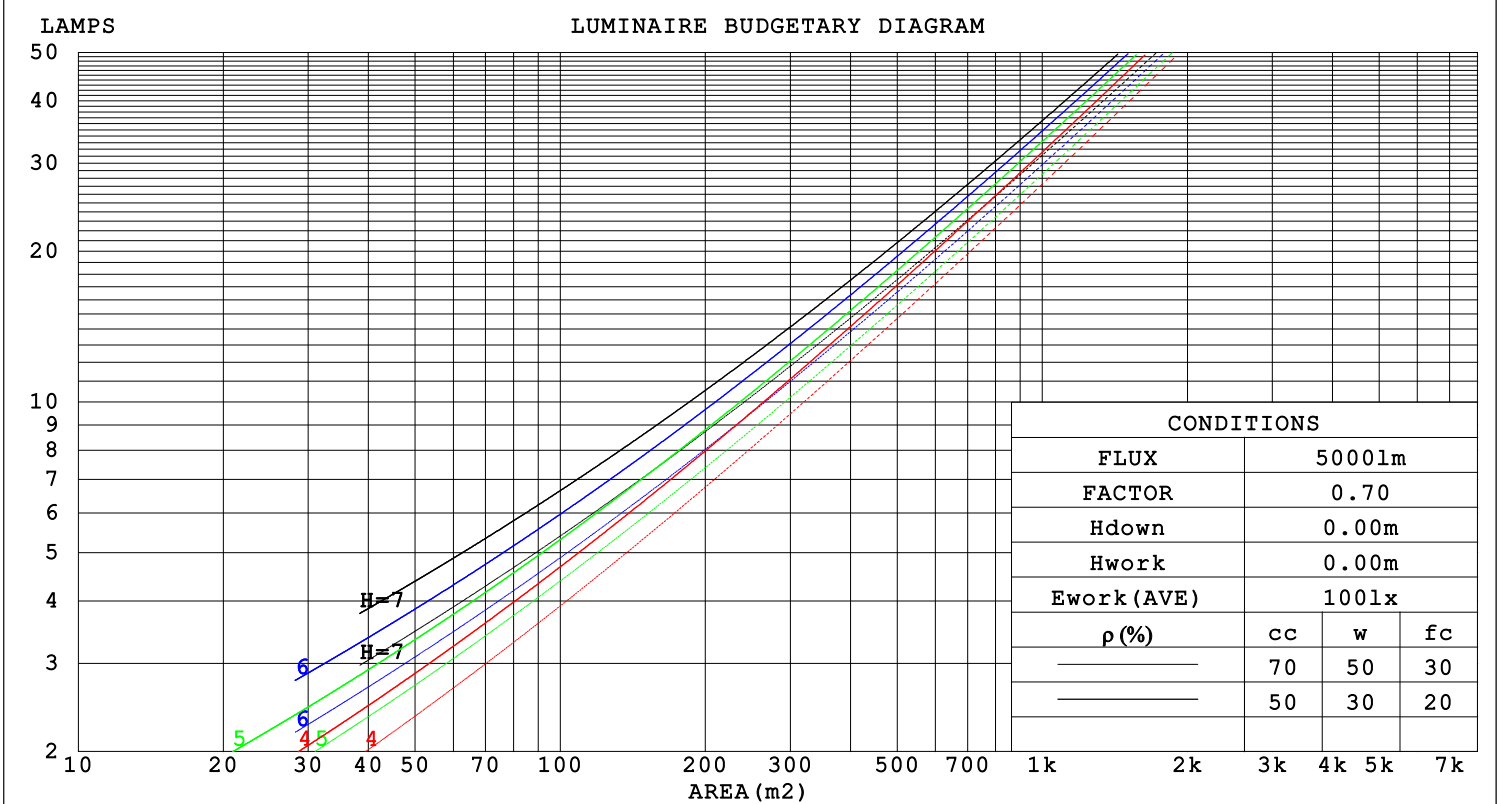
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	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	1.05	1.01	.98	1.03	.99	.96	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.93	.87	.81	.91	.85	.80	.87	.82	.78	.83	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.78	.72	.67	.75	.70	.65	.72	.68	.64	.62
4.0	.74	.65	.59	.72	.65	.59	.70	.63	.58	.67	.61	.57	.65	.60	.56	.54
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.50	.61	.54	.50	.59	.53	.49	.47
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.45	.55	.49	.44	.53	.48	.43	.41
7.0	.55	.46	.40	.54	.46	.40	.52	.45	.40	.50	.44	.39	.49	.43	.39	.37
8.0	.50	.42	.36	.49	.41	.36	.48	.41	.36	.46	.40	.35	.45	.39	.35	.33
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.36	.32	.42	.36	.32	.30
10.0	.42	.35	.30	.42	.34	.30	.41	.34	.29	.40	.33	.29	.39	.33	.29	.27



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005														
NAME: 1024-1-2-3-2					TYPE: .5W 4K CRI90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200-146-45					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	.279	.159	.050	.271	.155	.049	.257	.148	.047	.244	.141	.045	.232	.134	.043	
2.0	.265	.145	.044	.258	.142	.044	.245	.136	.042	.234	.131	.041	.223	.126	.040	
3.0	.247	.132	.039	.242	.129	.039	.231	.125	.038	.220	.121	.037	.211	.117	.036	
4.0	.231	.120	.035	.225	.118	.035	.216	.114	.034	.207	.111	.033	.198	.108	.033	
5.0	.215	.110	.032	.211	.108	.031	.202	.105	.031	.194	.102	.030	.186	.099	.030	
6.0	.201	.101	.029	.197	.099	.029	.189	.097	.028	.182	.094	.028	.175	.092	.027	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.171	.088	.026	.165	.086	.025	
8.0	.177	.086	.024	.173	.085	.024	.167	.084	.024	.161	.082	.024	.156	.080	.023	
9.0	.166	.081	.022	.163	.080	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	
10.0	.157	.075	.021	.154	.075	.021	.149	.073	.021	.144	.072	.020	.140	.070	.020	

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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.193	.172	.152	.165	.147	.131	.113	.101	.090	.065	.059	.053	.021	.019	.017	
2.0	.184	.147	.117	.157	.127	.101	.108	.088	.070	.062	.051	.041	.020	.017	.013	
3.0	.175	.129	.093	.150	.112	.080	.103	.078	.056	.060	.045	.033	.019	.015	.011	
4.0	.168	.116	.076	.144	.100	.066	.099	.070	.047	.057	.041	.028	.018	.013	.009	
5.0	.160	.105	.065	.138	.091	.056	.095	.064	.040	.055	.037	.024	.018	.012	.008	
6.0	.153	.097	.056	.132	.084	.049	.091	.059	.035	.053	.035	.021	.017	.011	.007	
7.0	.147	.090	.050	.126	.078	.044	.087	.055	.031	.051	.032	.018	.016	.011	.006	
8.0	.141	.084	.045	.121	.073	.040	.084	.051	.028	.049	.030	.017	.016	.010	.006	
9.0	.135	.079	.042	.116	.069	.036	.081	.048	.026	.047	.029	.015	.015	.009	.005	
10.0	.130	.075	.039	.112	.065	.034	.078	.046	.024	.045	.027	.014	.015	.009	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	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	21.9	23.3	22.2	23.5	23.7	21.7	23.1	22.0	23.3	23.6
	3H	22.6	23.9	22.9	24.1	24.4	22.3	23.6	22.7	23.9	24.2
	4H	23.0	24.2	23.3	24.5	24.8	22.6	23.8	22.9	24.1	24.3
	6H	23.3	24.4	23.7	24.7	25.1	22.7	23.9	23.1	24.2	24.5
	8H	23.4	24.5	23.8	24.8	25.1	22.8	23.9	23.1	24.2	24.5
	12H	23.5	24.6	23.9	24.9	25.2	22.8	23.9	23.2	24.2	24.5
4H	2H	22.1	23.3	22.5	23.6	23.9	22.0	23.2	22.3	23.5	23.8
	3H	23.0	24.0	23.3	24.3	24.7	22.8	23.9	23.2	24.2	24.5
	4H	23.5	24.4	23.9	24.8	25.1	23.2	24.1	23.6	24.5	24.8
	6H	24.0	24.8	24.4	25.2	25.6	23.5	24.3	23.9	24.7	25.1
	8H	24.2	24.9	24.6	25.3	25.8	23.6	24.4	24.0	24.8	25.2
	12H	24.3	25.0	24.8	25.5	25.9	23.6	24.4	24.1	24.8	25.2
8H	4H	23.6	24.4	24.0	24.8	25.2	23.3	24.1	23.7	24.5	24.9
	6H	24.3	24.9	24.7	25.3	25.8	23.8	24.4	24.2	24.9	25.3
	8H	24.6	25.1	25.1	25.6	26.1	24.0	24.6	24.5	25.0	25.5
	12H	24.8	25.3	25.3	25.8	26.3	24.1	24.6	24.6	25.1	25.6
12H	4H	23.6	24.3	24.0	24.7	25.2	23.3	24.0	23.8	24.5	24.9
	6H	24.3	24.9	24.8	25.3	25.8	23.9	24.4	24.3	24.9	25.4
	8H	24.7	25.2	25.2	25.7	26.2	24.1	24.6	24.6	25.1	25.6

Variations with the observer position at spacings:		
S = 1.0H	+ 0.3 / - 0.4	+ 0.4 / - 0.4
1.5H	+ 0.3 / - 0.3	+ 0.3 / - 0.5
2.0H	+ 0.9 / - 0.8	+ 0.5 / - 0.7

CIE Pub.117 Corrected 5584 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.0)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	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	61	50	43	60	50	43	59	49	43	37
0.80	71	60	53	70	60	53	68	59	53	46
1.00	79	69	63	78	69	62	76	70	62	55
1.25	86	77	70	85	76	70	82	74	69	62
1.50	91	82	76	89	81	75	86	79	74	67
2.00	97	90	84	95	88	83	92	86	81	74
2.50	101	94	88	99	92	87	95	89	85	77
3.00	104	97	92	101	96	91	97	93	89	80
4.00	107	102	98	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

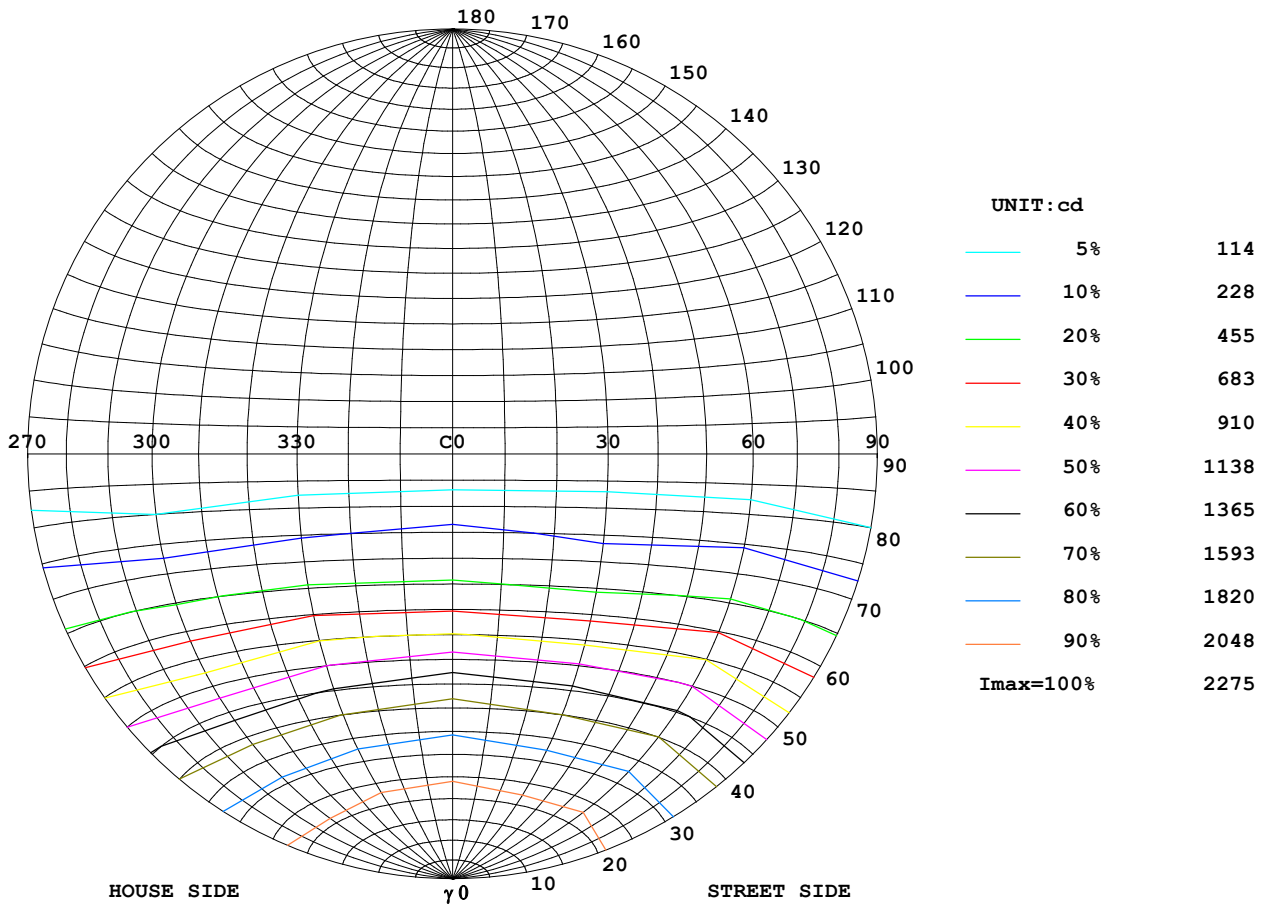
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

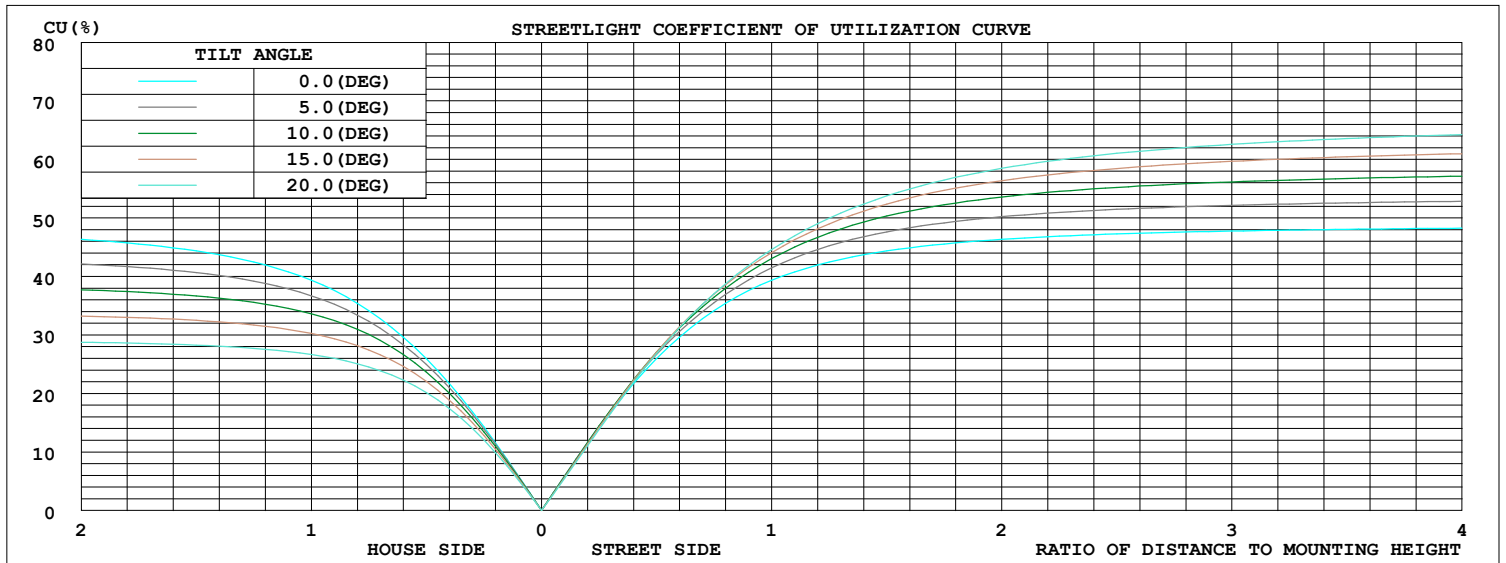
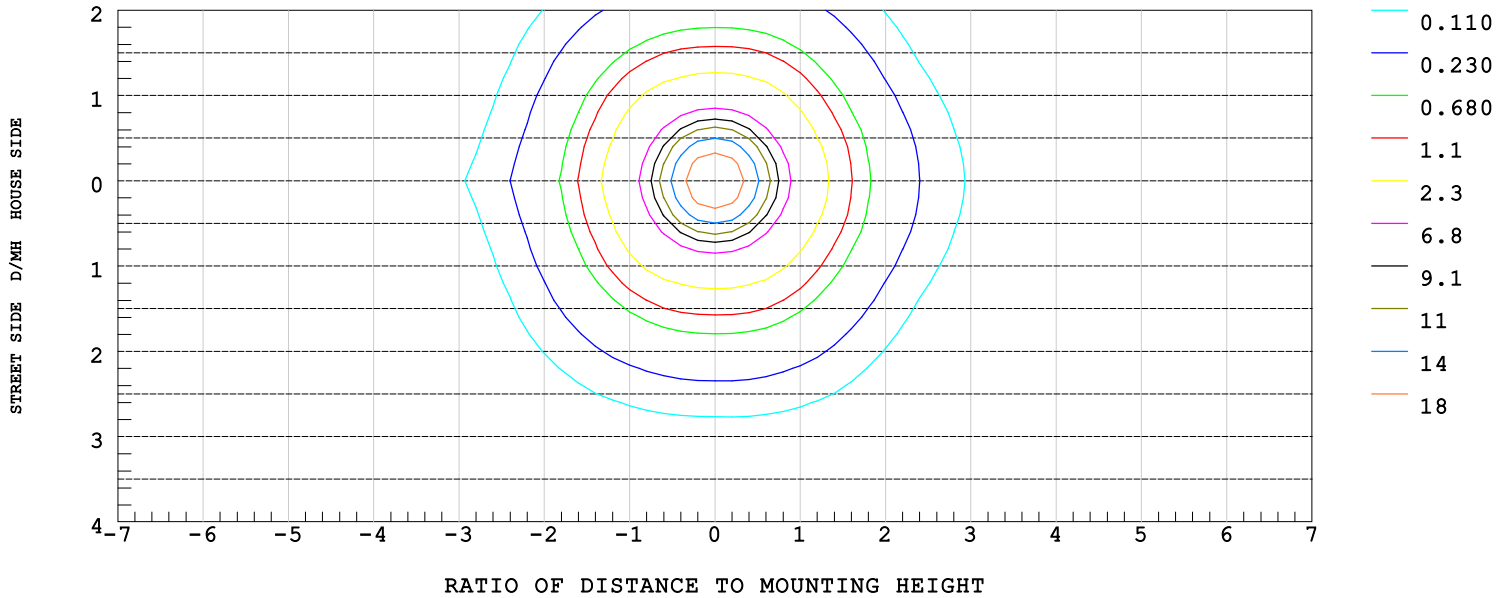
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 22.73 lx



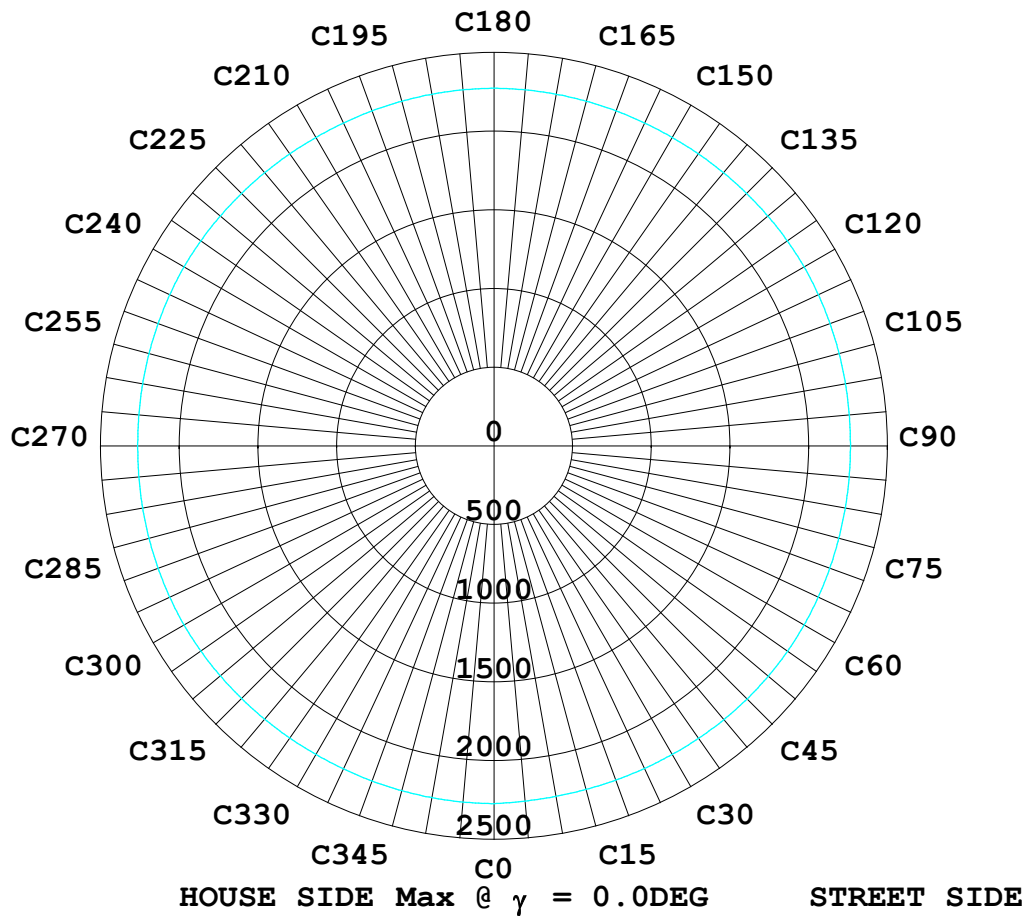
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-10-2023

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 12005		
NAME: 1024-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200-146-45	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2273	2264	2275	2264	2275	2264	2273	2264	2275	2264	2275	2264
5.0	2266	2253	2266	2248	2266	2253	2266	2253	2266	2248	2266	2253
10.0	2237	2221	2233	2210	2233	2221	2237	2221	2233	2210	2233	2221
15.0	2187	2167	2177	2151	2177	2167	2187	2167	2177	2151	2177	2167
20.0	2117	2091	2101	2071	2101	2091	2117	2091	2101	2071	2101	2091
25.0	2029	1995	2008	1973	2008	1995	2029	1995	2008	1973	2008	1995
30.0	1924	1884	1892	1858	1892	1884	1924	1884	1892	1858	1892	1884
35.0	1802	1751	1757	1715	1757	1751	1802	1751	1757	1715	1757	1751
40.0	1661	1593	1593	1537	1593	1593	1661	1593	1593	1537	1593	1593
45.0	1482	1412	1380	1281	1380	1412	1482	1412	1380	1281	1380	1412
50.0	1228	1158	1135	1017	1135	1158	1228	1158	1135	1017	1135	1158
55.0	916	853	905	800	905	853	916	853	905	800	905	853
60.0	664	626	672	619	672	626	664	626	672	619	672	626
65.0	474	425	475	443	475	425	474	425	475	443	475	425
70.0	346	281	322	282	322	281	346	281	322	282	322	281
75.0	255	203	215	177	215	203	255	203	215	177	215	203
80.0	164	151	142	113	142	151	164	151	142	113	142	151
85.0	84.2	88.9	82.9	51.1	82.9	88.9	84.2	88.9	82.9	51.1	82.9	88.9
90.0	29.6	11.6	18.9	4.78	18.9	11.6	29.6	11.6	18.9	4.78	18.9	11.6
95.0	15.8	6.22	14.6	5.86	14.6	6.22	15.8	6.22	14.6	5.86	14.6	6.22
100.0	15.4	7.49	14.3	7.22	14.3	7.49	15.4	7.49	14.3	7.22	14.3	7.49
105.0	15.7	9.02	14.7	8.84	14.7	9.02	15.7	9.02	14.7	8.84	14.7	9.02
110.0	16.4	10.6	15.4	10.5	15.4	10.6	16.4	10.6	15.4	10.5	15.4	10.6
115.0	17.2	12.1	16.5	12.3	16.5	12.1	17.2	12.1	16.5	12.3	16.5	12.1
120.0	18.3	13.8	17.6	14.3	17.6	13.8	18.3	13.8	17.6	14.3	17.6	13.8
125.0	19.5	15.5	18.9	16.1	18.9	15.5	19.5	15.5	18.9	16.1	18.9	15.5
130.0	20.8	17.1	20.3	17.9	20.3	17.1	20.8	17.1	20.3	17.9	20.3	17.1
135.0	22.1	18.8	21.5	19.8	21.5	18.8	22.1	18.8	21.5	19.8	21.5	18.8
140.0	23.5	20.5	22.9	21.5	22.9	20.5	23.5	20.5	22.9	21.5	22.9	20.5
145.0	24.9	22.1	24.4	23.1	24.4	22.1	24.9	22.1	24.4	23.1	24.4	22.1
150.0	26.4	23.8	25.9	24.8	25.9	23.8	26.4	23.8	25.9	24.8	25.9	23.8
155.0	27.7	25.4	27.5	26.3	27.5	25.4	27.7	25.4	27.5	26.3	27.5	25.4
160.0	29.1	27.0	28.8	27.7	28.8	27.0	29.1	27.0	28.8	27.7	28.8	27.0
165.0	30.5	28.5	30.1	29.1	30.1	28.5	30.5	28.5	30.1	29.1	30.1	28.5
170.0	31.4	29.7	31.3	30.5	31.3	29.7	31.4	29.7	31.3	30.5	31.3	29.7
175.0	32.4	30.9	32.0	31.4	32.0	30.9	32.4	30.9	32.0	31.4	32.0	30.9
180.0	33.1	31.6	32.4	31.8	32.4	31.6	33.1	31.6	32.4	31.8	32.4	31.6

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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