

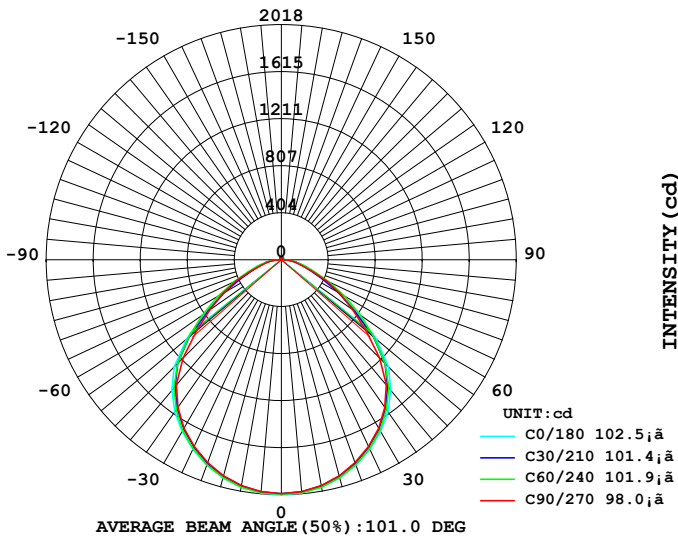
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

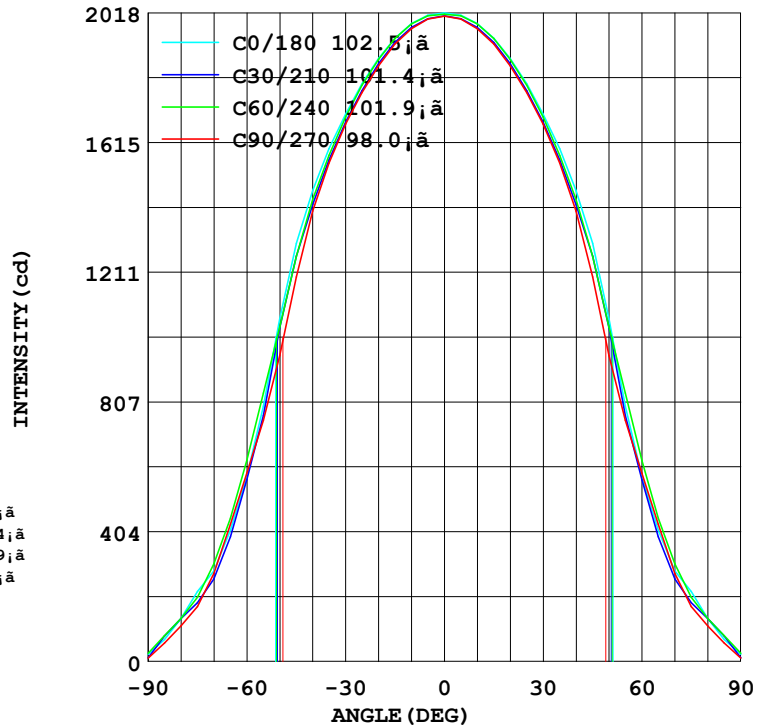
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 121005		
NAME: 1024-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*146*45	SERIAL No.:

DATA OF LAMP		Imax (cd)	2018	S/MH (C0/180)	1.25
MODEL	1024-1-2-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	44	TOTAL FLUX (lm)	5021.0	Voltage (V)	219.0
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	113.9	Current (A)	0.206
NOMINAL FLUX (lm)	5021.0	η up (%)	2.0	Power (W)	44.09
LAMPS QUANTITY	1	η down (%)	98.0	Power Factor (PF)	0.971
TEST VOLTAGE (V)	219.0	Effective Flux (lm)	4756.0	EET	0.126

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-11-2023

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

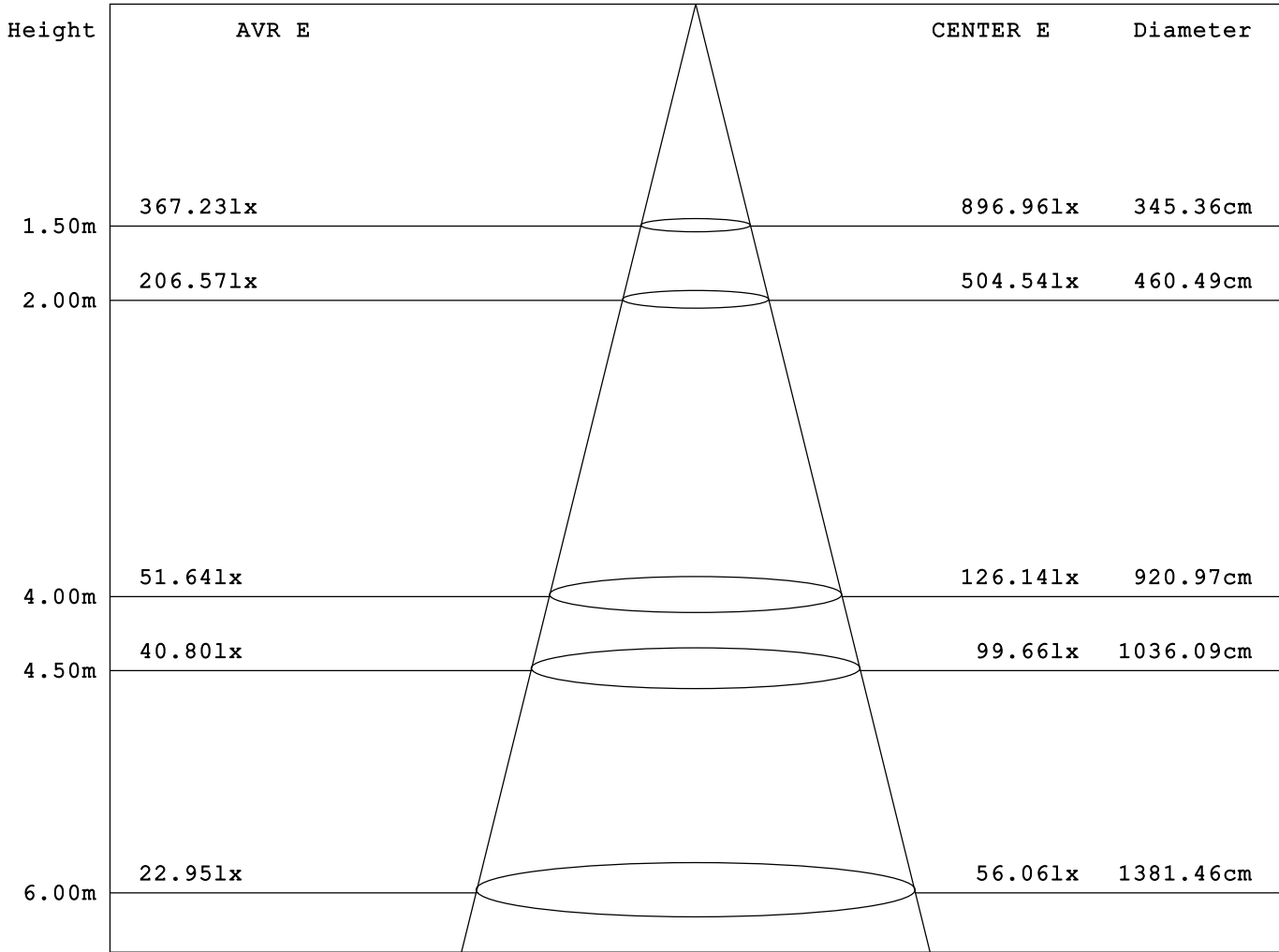
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-11-2023

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



Angle:98.0deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1985	1978	1969	1978	1985	1978	1969	1978	0- 10	190.4	190.4
20.0	1876	1867	1854	1867	1876	1867	1854	1867	10- 20	544.8	735.3
30.0	1703	1686	1672	1686	1703	1686	1672	1686	20- 30	822.0	1557
40.0	1465	1429	1401	1429	1465	1429	1401	1429	30- 40	980.0	2538
50.0	1066	1039	951.3	1039	1066	1039	951.3	1039	40- 50	959.3	3497
60.0	574.7	595.0	584.5	595.0	574.7	595.0	584.5	595.0	50- 60	714.8	4212
70.0	281.5	279.8	273.4	279.8	281.5	279.8	273.4	279.8	60- 70	421.0	4633
80.0	132.4	133.0	110.3	133.0	132.4	133.0	110.3	133.0	70- 80	209.1	4842
90.0	21.93	18.41	10.10	18.41	21.93	18.41	10.10	18.41	80- 90	80.37	4922
100.0	14.16	10.01	6.137	10.01	14.16	10.01	6.137	10.01	90-100	12.86	4935
110.0	14.89	11.64	9.025	11.64	14.89	11.64	9.025	11.64	100-110	11.46	4947
120.0	16.51	13.94	12.27	13.94	16.51	13.94	12.27	13.94	110-120	12.79	4959
130.0	18.68	16.47	15.61	16.47	18.68	16.47	15.61	16.47	120-130	13.79	4973
140.0	20.93	19.13	18.77	19.13	20.93	19.13	18.77	19.13	130-140	13.95	4987
150.0	23.55	21.93	21.56	21.93	23.55	21.93	21.56	21.93	140-150	13.01	5000
160.0	25.90	24.63	24.45	24.63	25.90	24.63	24.45	24.63	150-160	10.84	5011
170.0	27.97	26.93	26.89	26.93	27.97	26.93	26.89	26.93	160-170	7.343	5018
180.0	29.33	28.42	28.24	28.42	29.33	28.42	28.24	28.42	170-180	2.643	5021
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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

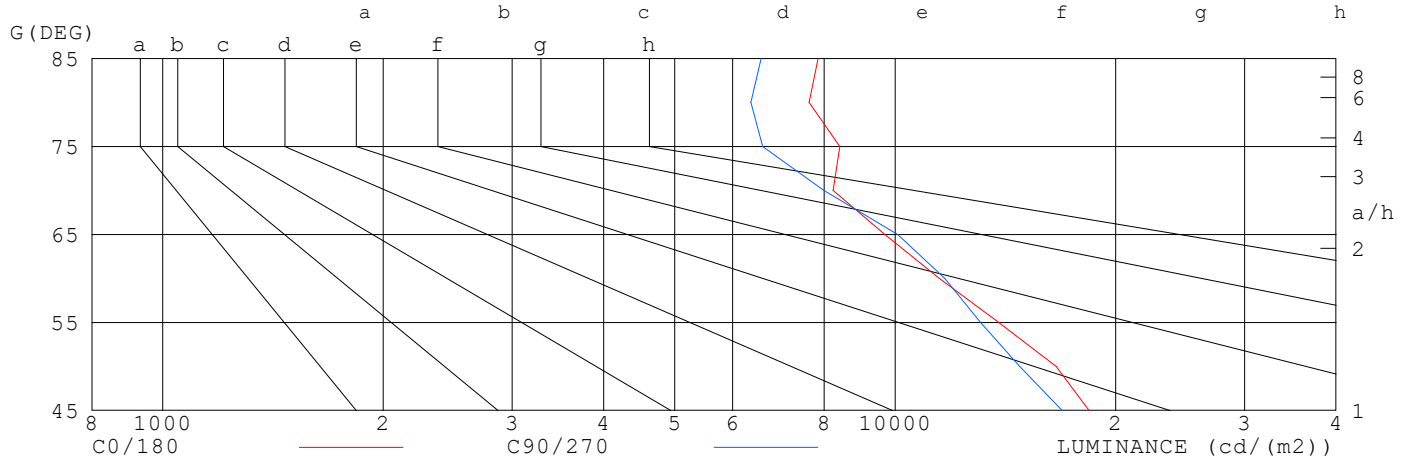
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 121005		
NAME: 1024-1-2-1-2	TYPE: .5W 3K 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	7849	6565
80	7630	6356
75	8407	6594
70	8233	7995
65	9682	10088
60	11494	11691
55	13851	13088
50	16587	14800
45	18402	16913

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

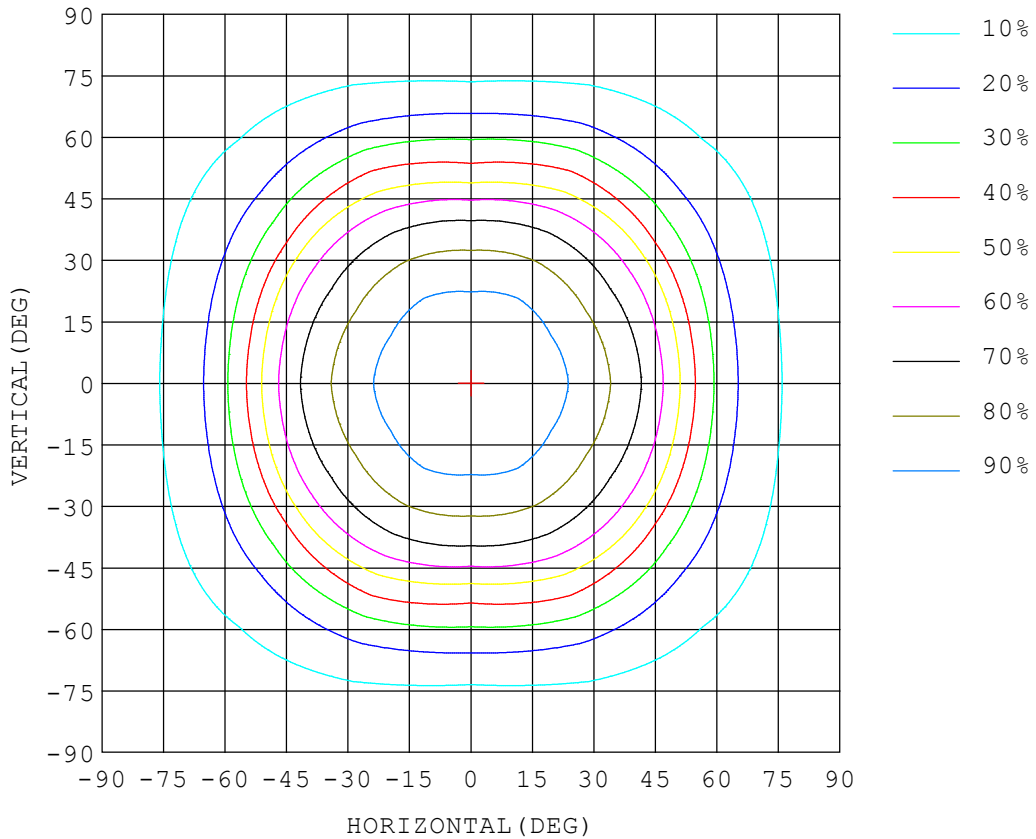
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 121005		
NAME: 1024-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*146*45	SERIAL No.:

UNIT: cd



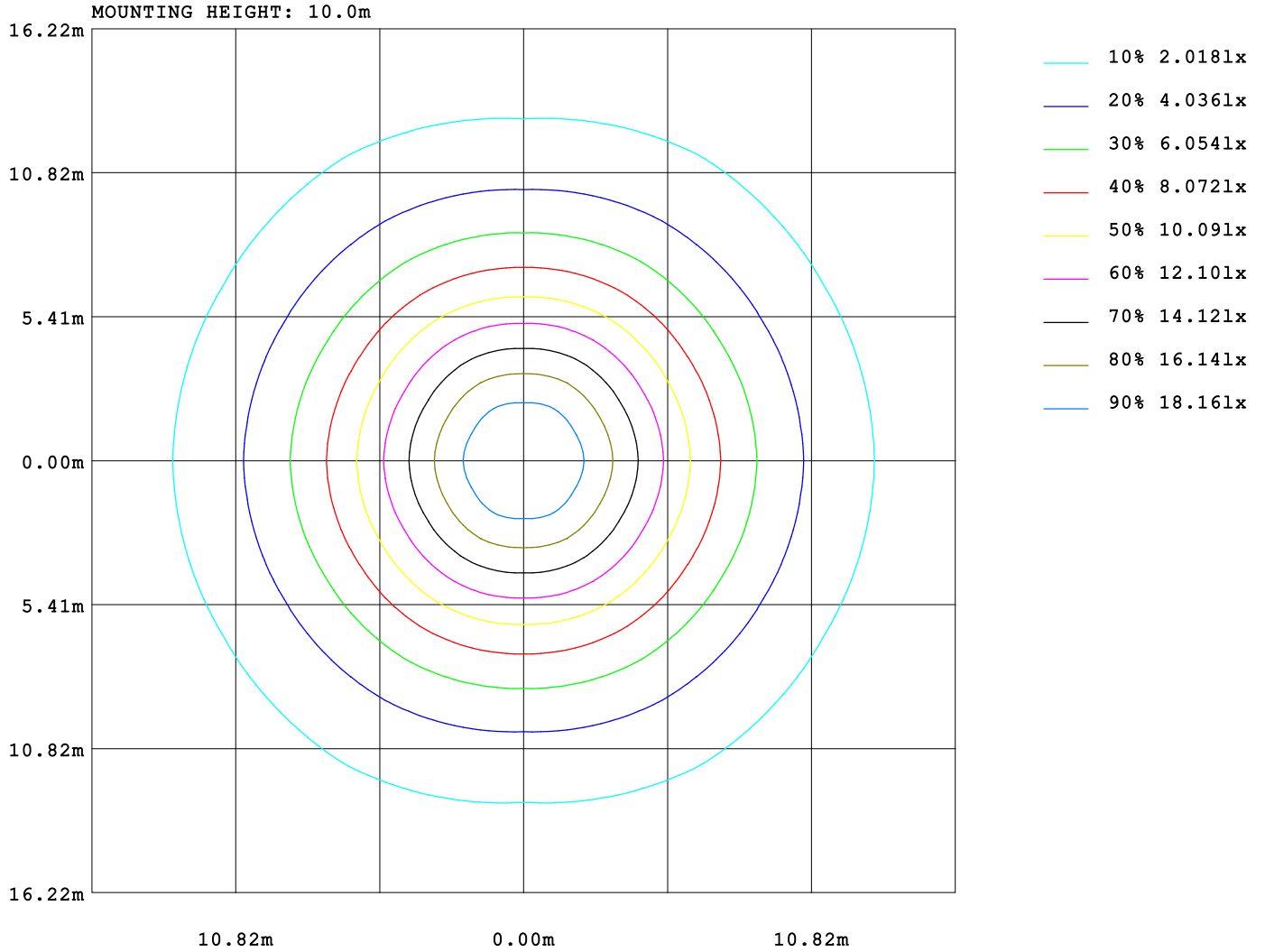
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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: 1024-1-2-1-2	TYPE: .5W 3K 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	0.07	0.25	0.52	0.90	1.31	1.72	1.96	1.98	1.87	1.87	1.98	1.96	1.72	1.31	0.90	0.52	0.25	0.07	21.2	0.00		
80	0.10	0.49	1.18	2.05	3.01	4.05	4.98	5.47	5.59	5.59	5.47	4.98	4.05	3.01	2.05	1.18	0.49	0.10	53.8	16.1		
70	0.13	0.72	1.76	3.09	5.00	7.62	10.3	12.1	12.9	12.9	12.1	10.3	7.62	5.00	3.09	1.76	0.72	0.13	108	95.2		
60	0.16	0.94	2.35	4.44	8.21	13.3	18.6	22.0	23.2	23.2	22.0	18.6	13.3	8.21	4.44	2.35	0.94	0.16	187	181		
50	0.18	1.15	3.00	6.44	12.5	20.5	28.4	33.7	36.0	36.0	33.7	28.4	20.5	12.5	6.44	3.00	1.15	0.18	284	281		
40	0.20	1.35	3.73	8.81	17.2	28.1	37.3	43.7	46.6	46.6	43.7	37.3	28.1	17.2	8.81	3.73	1.35	0.20	375	372		
30	0.22	1.51	4.47	11.0	22.1	33.7	43.1	50.1	53.4	53.4	50.1	43.1	33.7	22.1	11.0	4.47	1.51	0.22	440	438		
20	0.23	1.64	5.07	12.9	25.5	37.2	46.8	54.1	58.0	58.0	54.1	46.8	37.2	25.5	12.9	5.07	1.64	0.23	483	482		
10	0.24	1.71	5.42	14.0	27.3	39.2	48.9	56.2	60.2	60.2	56.2	48.9	39.2	27.3	14.0	5.42	1.71	0.24	507	506		
0	0.24	1.71	5.42	14.0	27.3	39.2	48.9	56.2	60.2	60.2	56.2	48.9	39.2	27.3	14.0	5.42	1.71	0.24	507	506		
-10	0.23	1.64	5.07	12.9	25.5	37.2	46.8	54.1	58.0	58.0	54.1	46.8	37.2	25.5	12.9	5.07	1.64	0.23	483	482		
-20	0.22	1.51	4.47	11.0	22.1	33.7	43.1	50.1	53.4	53.4	50.1	43.1	33.7	22.1	11.0	4.47	1.51	0.22	440	438		
-30	0.20	1.35	3.73	8.81	17.2	28.1	37.3	43.7	46.6	46.6	43.7	37.3	28.1	17.2	8.81	3.73	1.35	0.20	375	372		
-40	0.18	1.15	3.00	6.44	12.5	20.5	28.4	33.7	36.0	36.0	33.7	28.4	20.5	12.5	6.44	3.00	1.15	0.18	284	281		
-50	0.16	0.94	2.35	4.44	8.21	13.3	18.6	22.0	23.2	23.2	22.0	18.6	13.3	8.21	4.44	2.35	0.94	0.16	187	181		
-60	0.13	0.72	1.76	3.09	5.00	7.62	10.3	12.1	12.9	12.9	12.1	10.3	7.62	5.00	3.09	1.76	0.72	0.13	108	95.2		
-70	0.10	0.49	1.18	2.05	3.01	4.05	4.98	5.47	5.59	5.59	5.47	4.98	4.05	3.01	2.05	1.18	0.49	0.10	53.8	16.1		
-80	0.07	0.25	0.52	0.90	1.31	1.72	1.96	1.98	1.87	1.87	1.98	1.96	1.72	1.31	0.90	0.52	0.25	0.07	21.2	0.00		
-90	0.07	0.25	0.52	0.90	1.31	1.72	1.96	1.98	1.87	1.87	1.98	1.96	1.72	1.31	0.90	0.52	0.25	0.07	21.2	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90						
Φ t	3.06	19.5	55.0	128	245	371	482	559	596	596	559	482	371	245	128	55.0	19.5	3.06	5021			
Φ a	0.00	7.17	43.7	116	234	361	471	550	587	587	550	471	361	234	116	43.7	7.17	0.00		4756		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

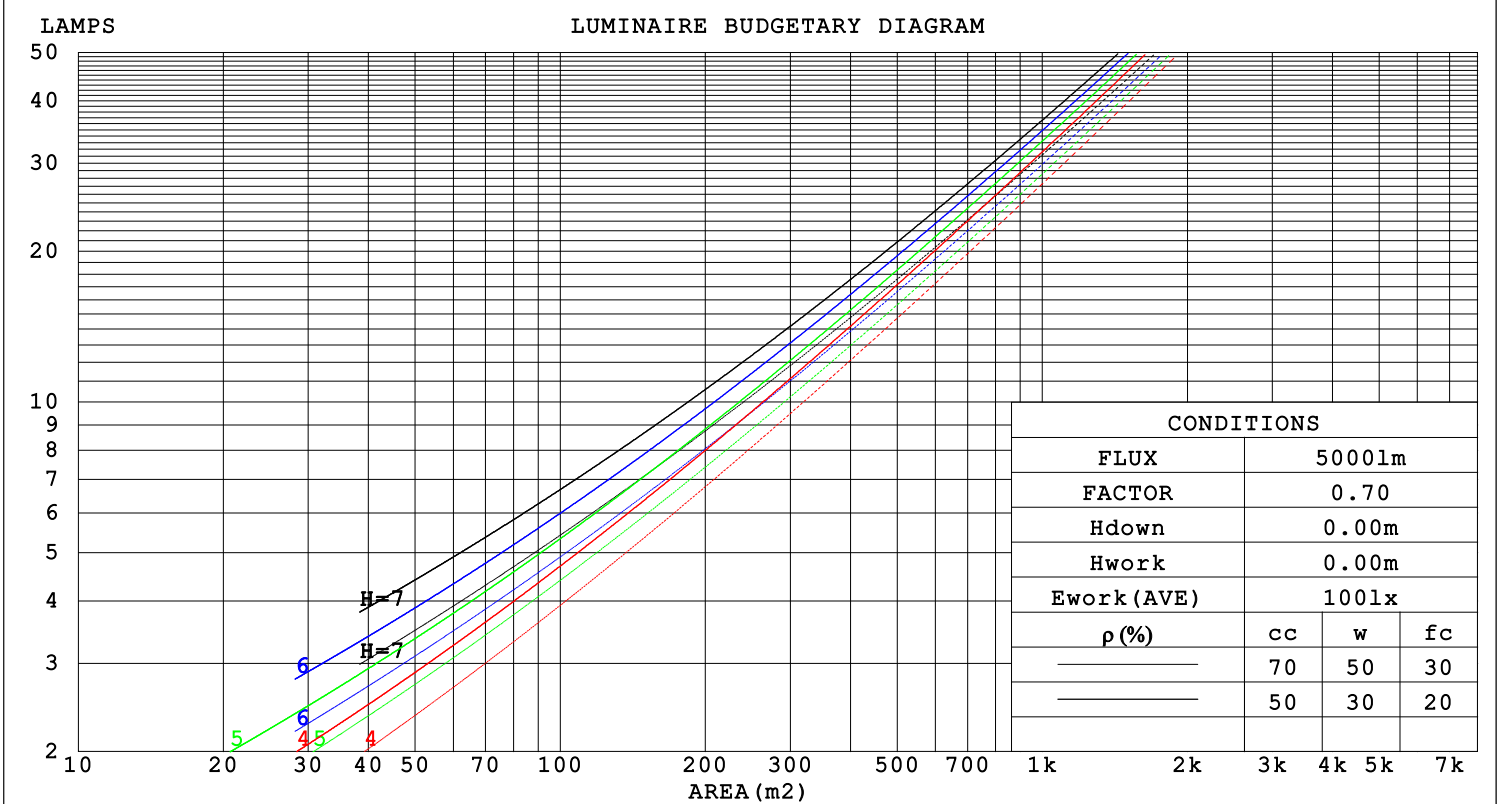
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 121005		
NAME: 1024-1-2-1-2	TYPE: .5W 3K 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	1.02	.99	.96	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.83	.79	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.71	.66	.74	.69	.65	.72	.67	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.63	.57	.67	.61	.56	.64	.60	.56	.53
5.0	.66	.58	.51	.65	.57	.51	.63	.56	.50	.60	.54	.49	.58	.53	.49	.47
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.53	.48	.43	.41
7.0	.54	.46	.40	.53	.46	.40	.52	.45	.39	.50	.44	.39	.49	.43	.39	.37
8.0	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.45	.39	.35	.33
9.0	.46	.38	.32	.45	.37	.32	.44	.37	.32	.43	.36	.32	.41	.36	.32	.30
10.0	.42	.35	.29	.42	.34	.29	.41	.34	.29	.39	.33	.29	.38	.33	.29	.27



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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: 1024-1-2-1-2					TYPE: .5W 3K 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	.280	.159	.051	.273	.156	.049	.259	.148	.047	.245	.142	.045	.233	.135	.044	
2.0	.266	.146	.045	.259	.143	.044	.247	.137	.043	.235	.132	.041	.224	.127	.040	
3.0	.248	.132	.040	.243	.130	.039	.231	.125	.038	.221	.121	.037	.212	.117	.036	
4.0	.231	.120	.035	.226	.118	.035	.216	.115	.034	.207	.111	.034	.199	.108	.033	
5.0	.216	.110	.032	.211	.108	.032	.202	.105	.031	.194	.103	.030	.187	.100	.030	
6.0	.202	.101	.029	.198	.100	.029	.190	.097	.028	.182	.095	.028	.175	.092	.027	
7.0	.189	.093	.026	.185	.092	.026	.178	.090	.026	.171	.088	.026	.165	.086	.025	
8.0	.177	.087	.024	.174	.086	.024	.168	.084	.024	.162	.082	.024	.156	.080	.023	
9.0	.167	.081	.023	.164	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.157	.076	.021	.155	.075	.021	.150	.073	.021	.145	.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	.205	.205	.205	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.193	.171	.152	.165	.147	.131	.113	.101	.090	.065	.059	.053	.021	.019	.017	
2.0	.184	.147	.116	.158	.127	.101	.108	.088	.070	.062	.051	.041	.020	.017	.013	
3.0	.176	.129	.093	.151	.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	.161	.105	.065	.138	.091	.056	.095	.064	.040	.055	.037	.024	.018	.012	.008	
6.0	.154	.097	.056	.132	.084	.049	.091	.059	.035	.053	.035	.021	.017	.011	.007	
7.0	.147	.090	.050	.127	.078	.044	.087	.055	.031	.051	.032	.018	.016	.011	.006	
8.0	.141	.084	.045	.121	.073	.039	.084	.051	.028	.049	.030	.017	.016	.010	.006	
9.0	.135	.079	.042	.117	.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:05-11-2023

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: 1024-1-2-1-2	TYPE: .5W 3K 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	21.4	22.8	21.7	23.1	23.3	21.6	23.0	21.8	23.2	23.4
	3H	22.1	23.4	22.4	23.6	23.9	22.2	23.5	22.6	23.8	24.1
	4H	22.4	23.6	22.8	23.9	24.2	22.5	23.7	22.8	24.0	24.3
	6H	22.7	23.9	23.1	24.2	24.5	22.6	23.8	23.0	24.1	24.4
	8H	22.8	23.9	23.2	24.2	24.6	22.7	23.8	23.1	24.1	24.5
	12H	22.9	23.9	23.3	24.3	24.6	22.8	23.8	23.1	24.2	24.5
4H	2H	21.7	22.9	22.0	23.2	23.5	21.8	23.1	22.2	23.3	23.6
	3H	22.5	23.6	22.9	23.9	24.2	22.7	23.8	23.1	24.1	24.4
	4H	23.0	23.9	23.4	24.3	24.7	23.1	24.0	23.5	24.4	24.7
	6H	23.4	24.3	23.8	24.6	25.1	23.4	24.2	23.8	24.6	25.0
	8H	23.6	24.4	24.0	24.8	25.2	23.5	24.3	24.0	24.7	25.1
	12H	23.7	24.4	24.2	24.9	25.3	23.6	24.3	24.1	24.8	25.2
8H	4H	23.1	23.9	23.6	24.3	24.7	23.2	24.0	23.6	24.4	24.8
	6H	23.7	24.4	24.2	24.8	25.3	23.7	24.3	24.1	24.8	25.2
	8H	24.0	24.6	24.5	25.1	25.5	23.9	24.5	24.4	25.0	25.4
	12H	24.2	24.7	24.8	25.2	25.7	24.1	24.6	24.6	25.1	25.6
12H	4H	23.1	23.8	23.6	24.3	24.7	23.2	23.9	23.6	24.3	24.8
	6H	23.8	24.4	24.3	24.8	25.3	23.7	24.3	24.2	24.8	25.3
	8H	24.1	24.6	24.6	25.1	25.6	24.0	24.5	24.6	25.0	25.5

Variations with the observer position at spacings:		
S = 1.0H	+ 0.3 / - 0.4	+ 0.3 / - 0.4
1.5H	+ 0.3 / - 0.4	+ 0.3 / - 0.4
2.0H	+ 0.9 / - 0.8	+ 0.4 / - 0.6

CIE Pub.117 Corrected 5021 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.6)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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: 1024-1-2-1-2	TYPE: .5W 3K 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	49	43	59	49	43	37
0.80	71	60	53	70	60	53	68	59	52	46
1.00	79	69	62	78	68	62	76	69	61	55
1.25	86	77	70	85	76	70	82	74	69	62
1.50	91	82	75	89	81	75	86	79	74	66
2.00	97	89	84	95	88	83	92	86	81	73
2.50	101	93	88	98	92	87	94	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	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

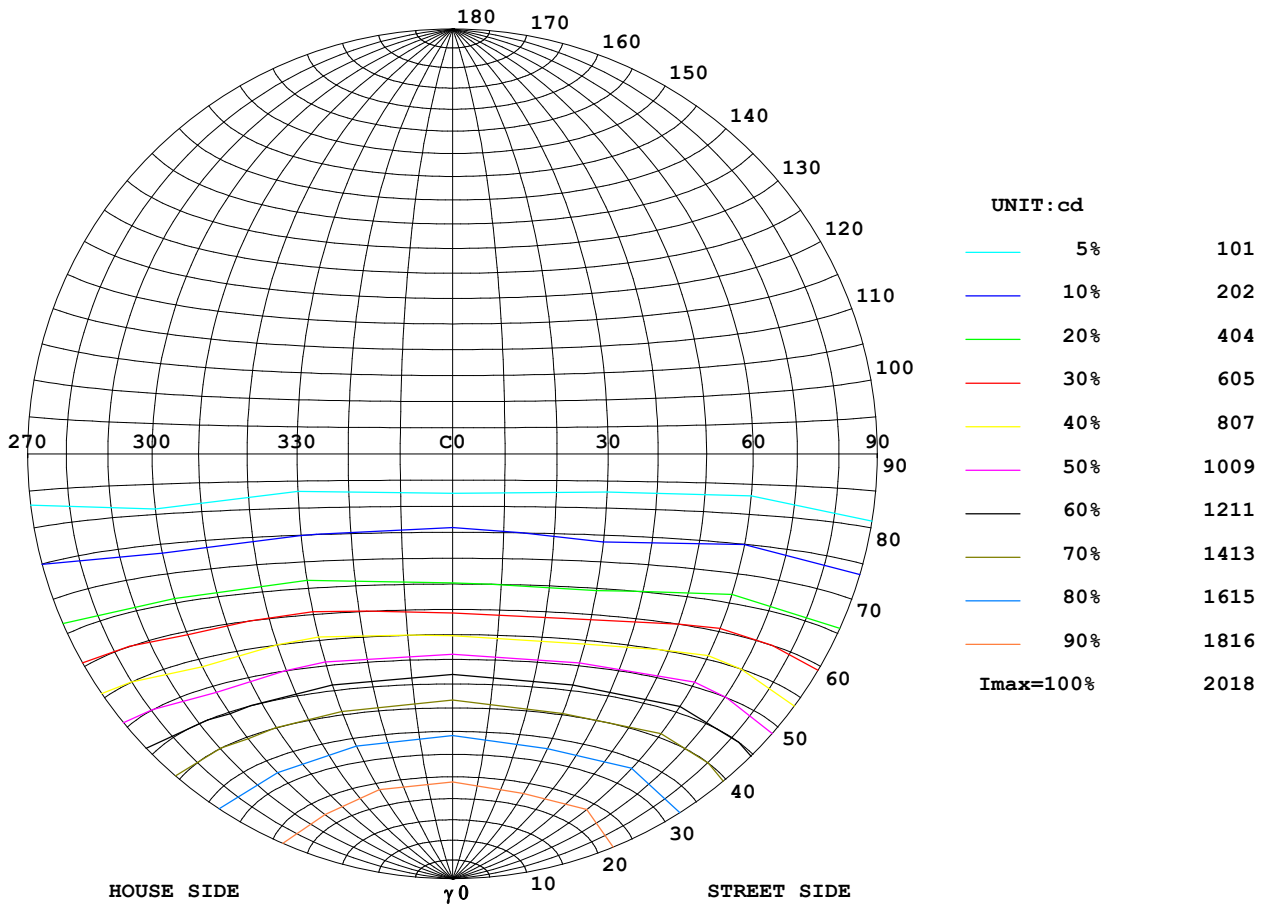
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

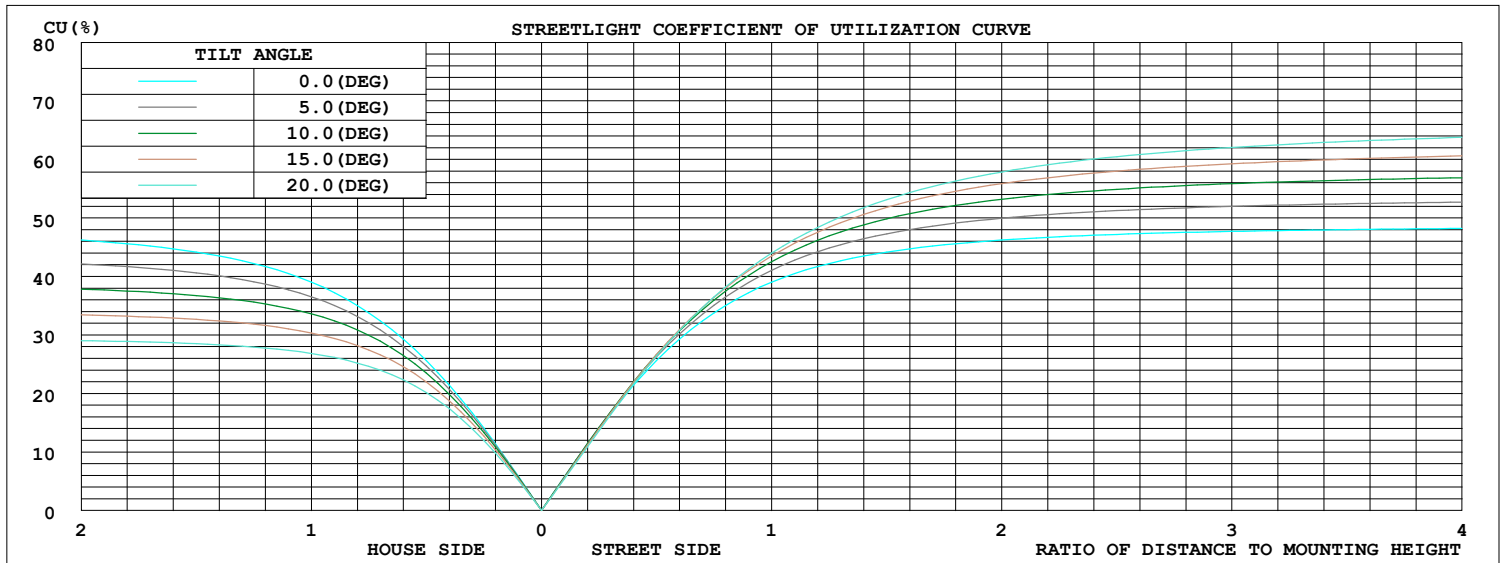
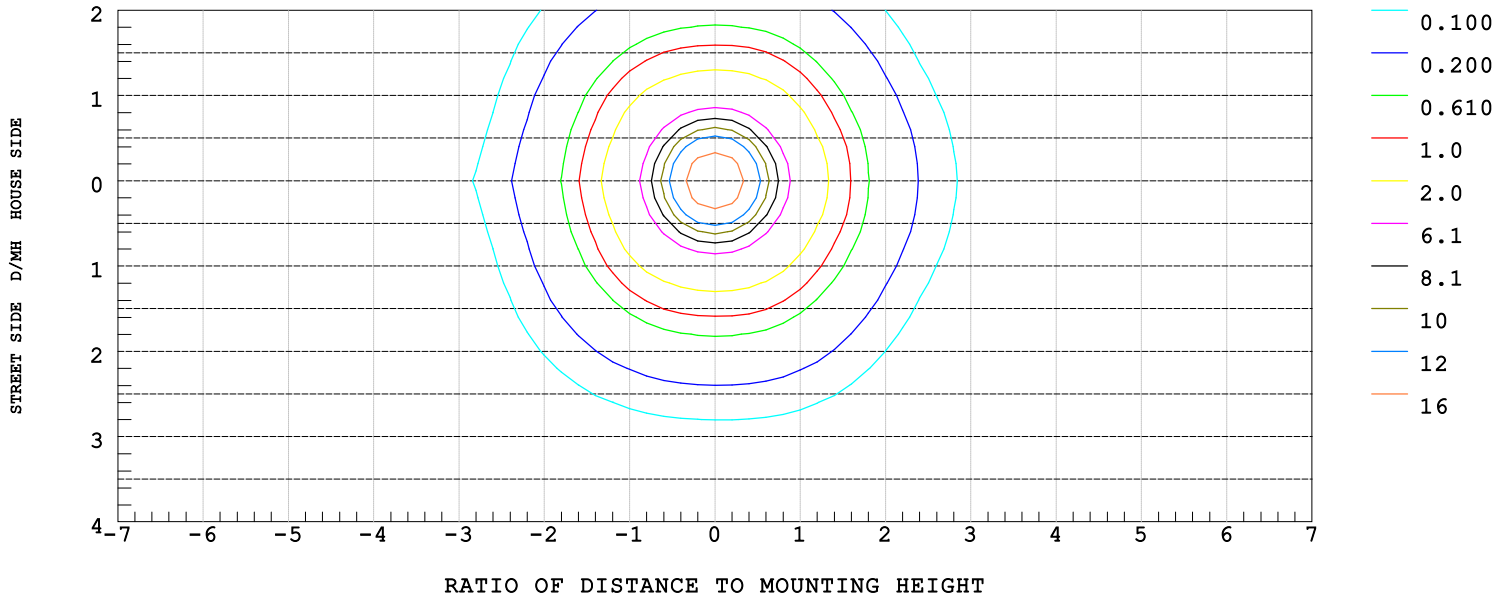
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND AREA FARIBAAD HARYANA 121005		
NAME: 1024-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*146*45	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 20.18 lx



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-11-2023

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: 1024-1-2-1-2	TYPE: .5W 3K 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	2018	2008	2014	2008	2014	2008	2018	2008	2014	2008	2014	2008
5.0	2011	2000	2009	1998	2009	2000	2011	2000	2009	1998	2009	2000
10.0	1985	1972	1984	1969	1984	1972	1985	1972	1984	1969	1984	1972
15.0	1939	1926	1938	1921	1938	1926	1939	1926	1938	1921	1938	1926
20.0	1876	1860	1873	1854	1873	1860	1876	1860	1873	1854	1873	1860
25.0	1797	1776	1793	1770	1793	1776	1797	1776	1793	1770	1793	1776
30.0	1703	1679	1694	1672	1694	1679	1703	1679	1694	1672	1694	1679
35.0	1595	1561	1575	1550	1575	1561	1595	1561	1575	1550	1575	1561
40.0	1465	1422	1437	1401	1437	1422	1465	1422	1437	1401	1437	1422
45.0	1301	1261	1260	1196	1260	1261	1301	1261	1260	1196	1260	1261
50.0	1066	1038	1040	951	1040	1038	1066	1038	1040	951	1040	1038
55.0	794	766	835	751	835	766	794	766	835	751	835	766
60.0	575	565	625	585	625	565	575	565	625	585	625	565
65.0	409	388	445	426	445	388	409	388	445	426	445	388
70.0	282	257	303	273	303	257	282	257	303	273	303	257
75.0	218	182	200	171	200	182	218	182	200	171	200	182
80.0	132	133	133	110	133	133	132	133	133	110	133	133
85.0	68.4	79.0	80.5	57.2	80.5	79.0	68.4	79.0	80.5	57.2	80.5	79.0
90.0	21.9	11.6	25.1	10.1	25.1	11.6	21.9	11.6	25.1	10.1	25.1	11.6
95.0	14.5	5.50	13.8	5.05	13.8	5.50	14.5	5.50	13.8	5.05	13.8	5.50
100.0	14.1	6.58	13.4	6.13	13.4	6.58	14.1	6.58	13.4	6.13	13.4	6.58
105.0	14.2	7.94	13.5	7.49	13.5	7.94	14.2	7.94	13.5	7.49	13.5	7.94
110.0	14.8	9.29	13.9	9.02	13.9	9.29	14.8	9.29	13.9	9.02	13.9	9.29
115.0	15.6	10.7	14.8	10.5	14.8	10.7	15.6	10.7	14.8	10.5	14.8	10.7
120.0	16.5	12.0	15.7	12.2	15.7	12.0	16.5	12.0	15.7	12.2	15.7	12.0
125.0	17.5	13.5	16.8	13.8	16.8	13.5	17.5	13.5	16.8	13.8	16.8	13.5
130.0	18.6	14.9	17.9	15.6	17.9	14.9	18.6	14.9	17.9	15.6	17.9	14.9
135.0	19.8	16.5	19.1	17.2	19.1	16.5	19.8	16.5	19.1	17.2	19.1	16.5
140.0	20.9	18.0	20.2	18.7	20.2	18.0	20.9	18.0	20.2	18.7	20.2	18.0
145.0	22.3	19.4	21.5	20.2	21.5	19.4	22.3	19.4	21.5	20.2	21.5	19.4
150.0	23.5	20.9	22.9	21.5	22.9	20.9	23.5	20.9	22.9	21.5	22.9	20.9
155.0	24.8	22.3	24.1	23.1	24.1	22.3	24.8	22.3	24.1	23.1	24.1	22.3
160.0	25.9	23.8	25.4	24.4	25.4	23.8	25.9	23.8	25.4	24.4	25.4	23.8
165.0	27.0	25.0	26.6	25.7	26.6	25.0	27.0	25.0	26.6	25.7	26.6	25.0
170.0	27.9	26.2	27.6	26.8	27.6	26.2	27.9	26.2	27.6	26.8	27.6	26.2
175.0	28.8	27.2	28.2	27.6	28.2	27.2	28.8	27.2	28.2	27.6	28.2	27.2
180.0	29.3	28.0	28.7	28.2	28.7	28.0	29.3	28.0	28.7	28.2	28.7	28.0

Test System:HOPOO HPG1800
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