

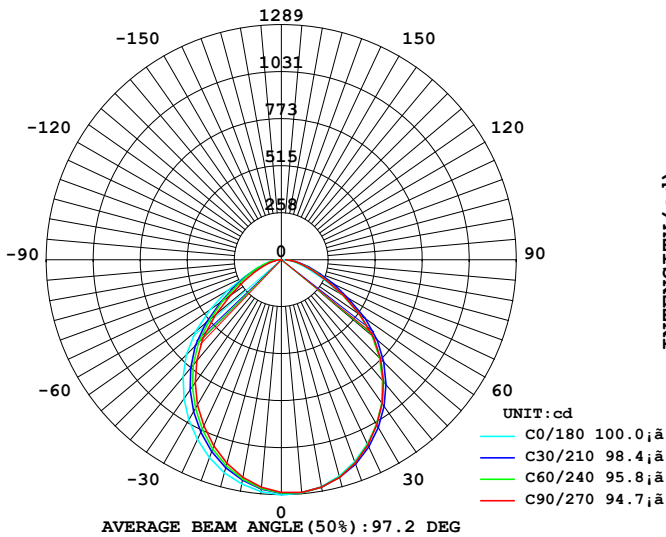
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

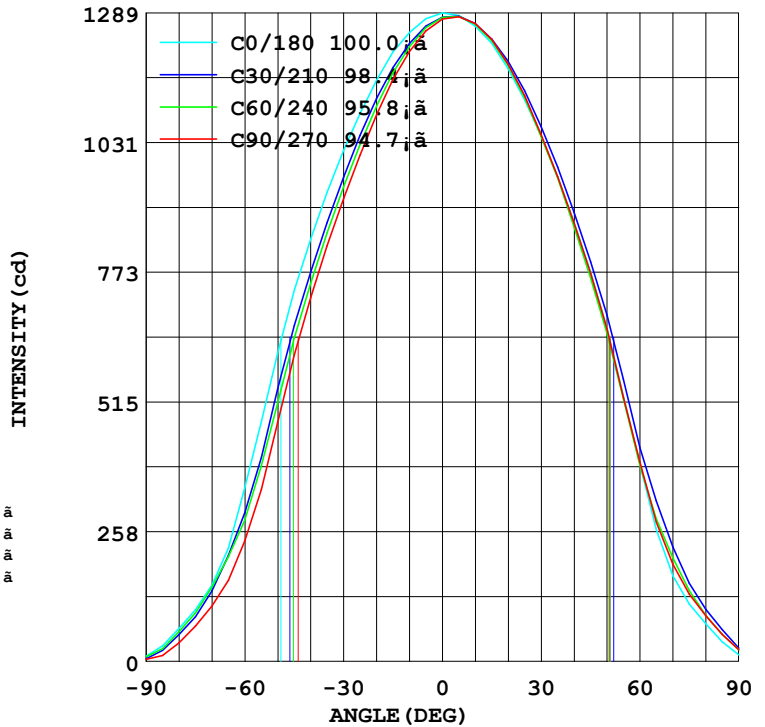
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1289	S/MH (C0/180)	1.18
MODEL	1014-1-2-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	2915.9	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	106.6	Current (A)	0.126
NOMINAL FLUX (lm)	2915.9	η up (%)	0.0	Power (W)	27.35
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	2796.8	EET	0.133

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

Test Set: 5.0deg/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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:

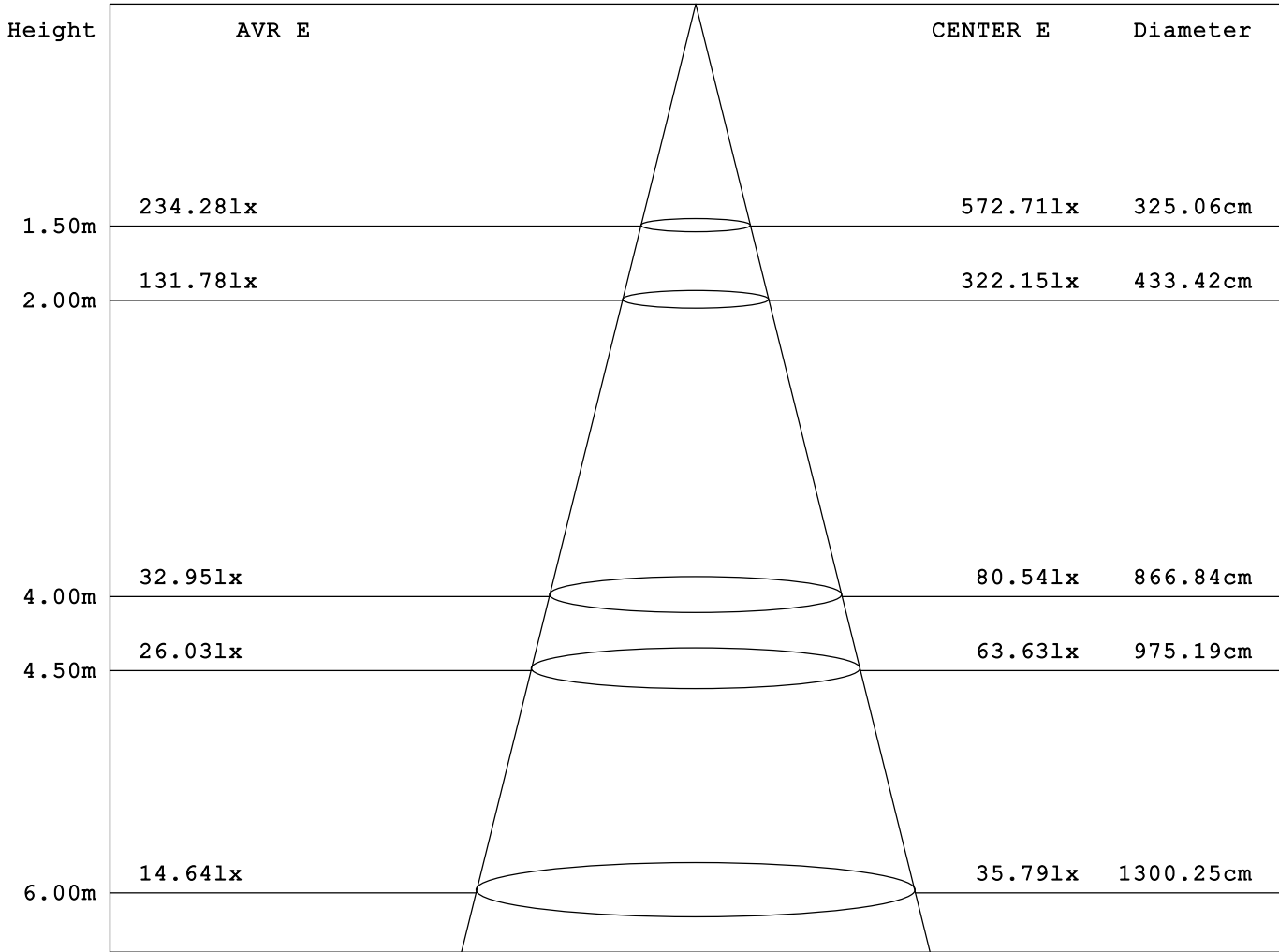
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:



Angle: 94.6deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1249	1225	1212	1225	1262	1266	1267	1258	0- 10	120.4	120.4
20.0	1154	1111	1086	1115	1178	1188	1186	1174	10- 20	339.2	459.6
30.0	1015	952.8	919.7	959.9	1045	1053	1046	1037	20- 30	497.3	957.0
40.0	838.7	762.2	722.6	771.7	872.8	877.9	871.2	858.3	30- 40	572.3	1529
50.0	613.4	527.8	474.9	543.1	662.1	670.0	660.7	648.0	40- 50	550.7	2080
60.0	344.5	288.0	239.1	295.2	391.0	406.9	395.6	387.7	50- 60	419.1	2499
70.0	151.1	143.1	109.3	150.7	169.9	216.4	193.2	201.1	60- 70	248.0	2747
80.0	65.07	55.72	36.64	59.79	74.81	97.19	90.61	87.90	70- 80	124.3	2872
90.0	10.55	7.310	4.151	7.310	13.08	24.99	23.10	19.71	80- 90	44.42	2916
100.0									90-100		
110.0									100-110		
120.0									110-120		
130.0									120-130		
140.0									130-140		
150.0									140-150		
160.0									150-160		
170.0									160-170		
180.0									170-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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

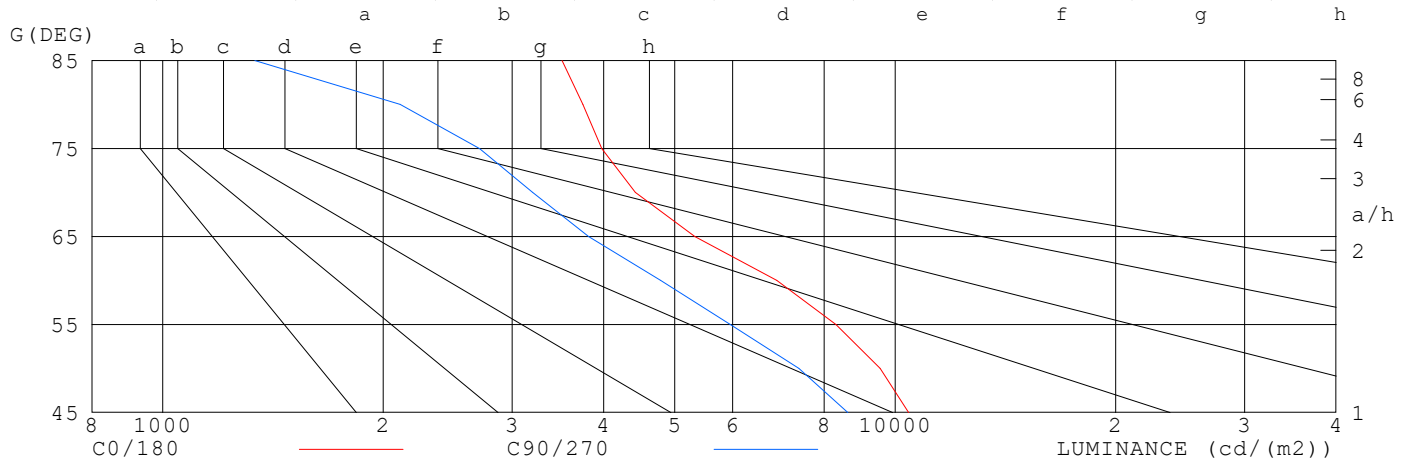
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	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	3510	1336
80	3747	2110
75	3975	2706
70	4420	3198
65	5328	3814
60	6891	4783
55	8305	5960
50	9543	7389
45	10431	8622

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

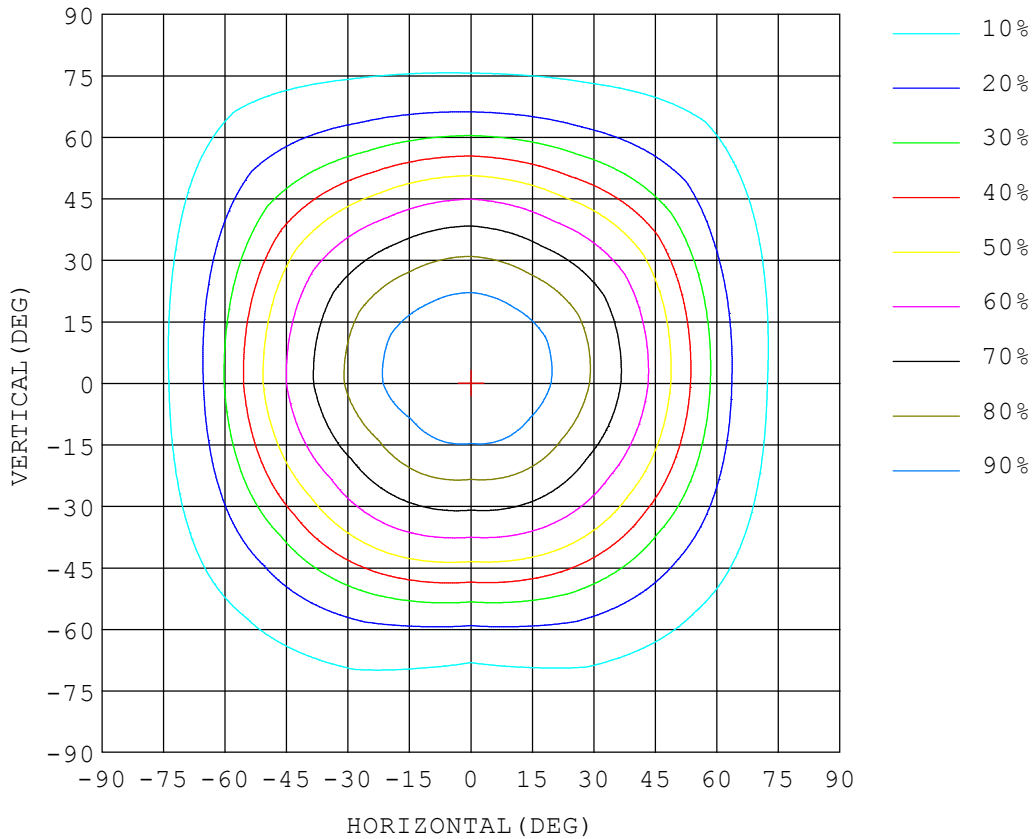
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:

UNIT: cd



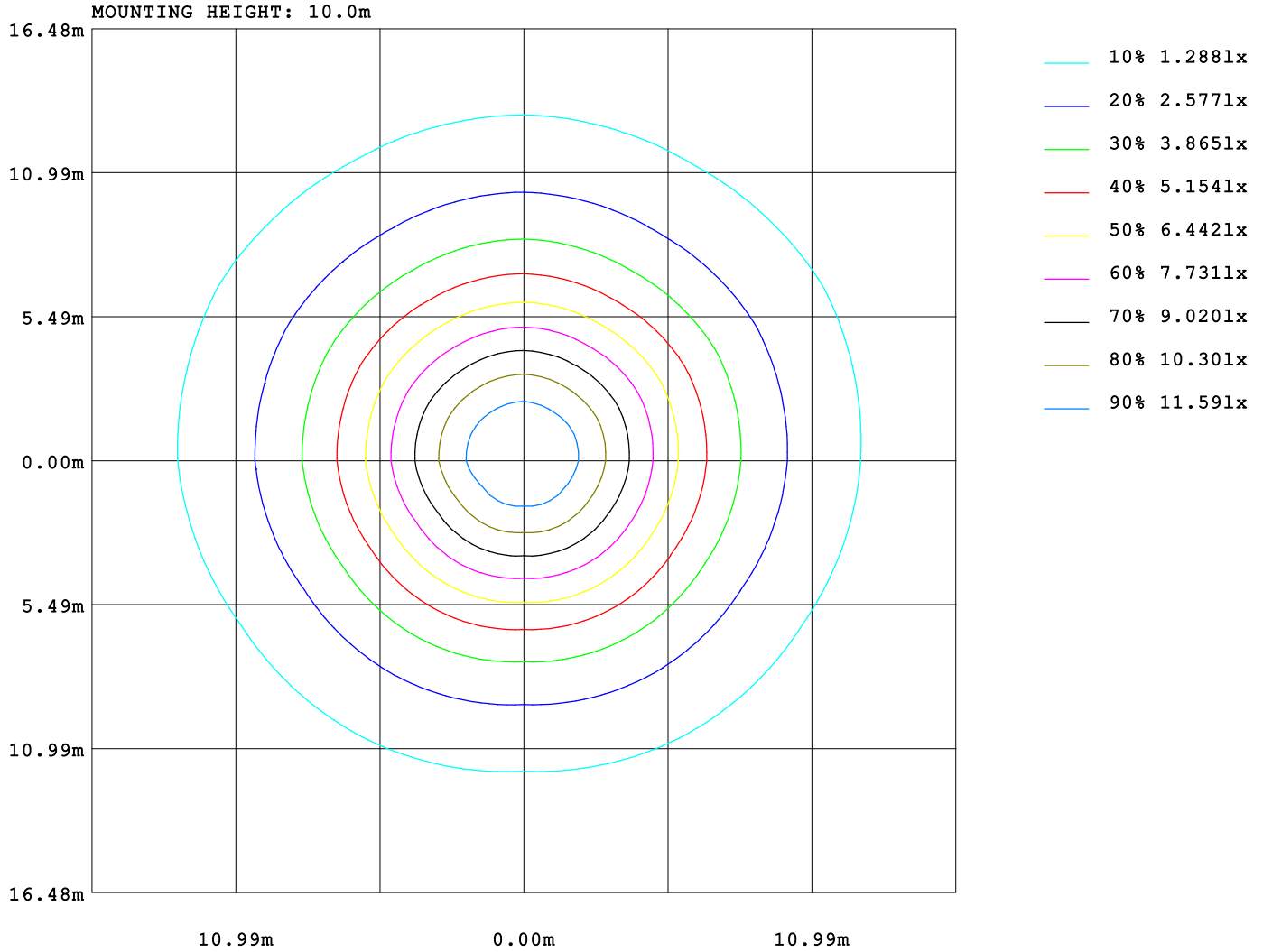
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	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	0.05	0.22	0.51	0.81	1.05	1.25	1.43	1.58	1.66	1.64	1.52	1.33	1.13	0.93	0.70	0.42	0.18	0.04	16.4	0.00		
80	0.07	0.35	0.89	1.57	2.25	2.91	3.51	3.98	4.19	4.14	3.84	3.32	2.69	2.04	1.40	0.78	0.30	0.05	38.3	16.2		
70	0.08	0.49	1.30	2.53	3.94	5.42	6.77	7.94	8.60	8.52	7.72	6.43	5.05	3.63	2.28	1.15	0.42	0.07	72.3	67.2		
60	0.10	0.62	1.76	3.76	6.25	9.00	11.8	14.3	15.7	15.6	14.0	11.3	8.50	5.69	3.43	1.58	0.54	0.08	124	122		
50	0.11	0.74	2.24	5.15	9.13	13.7	17.8	21.1	23.0	22.9	20.7	17.3	13.1	8.54	4.59	2.03	0.65	0.09	183	181		
40	0.12	0.84	2.72	6.55	12.2	17.9	22.8	26.6	28.8	28.7	26.2	22.3	17.3	11.5	5.94	2.43	0.75	0.10	234	233		
30	0.13	0.93	3.14	7.87	14.5	21.1	26.8	31.1	33.6	33.5	30.7	26.3	20.5	13.8	7.21	2.77	0.83	0.11	275	274		
	0.14	0.97	3.45	8.82	15.9	23.0	29.5	34.4	37.0	36.8	34.0	29.0	22.4	15.2	8.08	3.04	0.87	0.11	303	302		
	0.14	0.98	3.58	9.26	16.5	23.9	30.6	35.8	38.5	38.3	35.4	29.9	23.1	15.8	8.44	3.13	0.88	0.12	315	314		
	0.14	0.96	3.48	9.00	16.1	23.3	29.8	34.9	37.6	37.6	34.6	29.3	22.6	15.4	8.20	3.05	0.86	0.11	307	306		
	0.13	0.91	3.17	8.06	14.7	21.3	27.3	32.1	34.8	34.7	32.0	27.0	20.8	14.0	7.38	2.81	0.81	0.11	283	281		
-30	0.12	0.82	2.71	6.70	12.4	18.5	24.1	28.3	30.4	30.3	28.1	23.8	18.1	11.9	6.17	2.43	0.74	0.10	246	244		
-40	0.11	0.71	2.19	5.16	9.54	14.9	19.8	23.3	24.9	24.9	23.2	19.6	14.6	9.11	4.79	2.00	0.64	0.09	200	198		
-50	0.10	0.60	1.68	3.72	6.69	10.5	14.4	17.2	18.4	18.3	17.0	14.1	10.2	6.42	3.48	1.54	0.53	0.08	145	142		
-60	0.08	0.47	1.23	2.50	4.43	6.58	8.65	10.1	10.7	10.7	10.1	8.58	6.41	4.23	2.35	1.12	0.41	0.07	88.8	84.0		
-70	0.07	0.34	0.84	1.57	2.65	3.91	4.94	5.34	5.29	5.27	5.26	4.80	3.75	2.51	1.46	0.76	0.29	0.05	49.1	37.7		
-80	0.05	0.22	0.49	0.87	1.39	1.96	2.38	2.46	2.31	2.29	2.39	2.29	1.86	1.29	0.78	0.41	0.18	0.04	23.7	0.00		
-90	0.04	0.12	0.21	0.32	0.48	0.65	0.73	0.68	0.56	0.55	0.64	0.68	0.59	0.42	0.27	0.17	0.10	0.03	7.26	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90					
Φ t	1.78	11.3	35.6	84.3	150	220	284	332	357	355	328	278	213	143	77.0	31.6	9.97	1.46	2916			
Φ a	0.00	2.80	28.8	78.0	144	214	278	325	350	349	321	271	207	136	70.5	24.4	1.43	0.00		2797		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

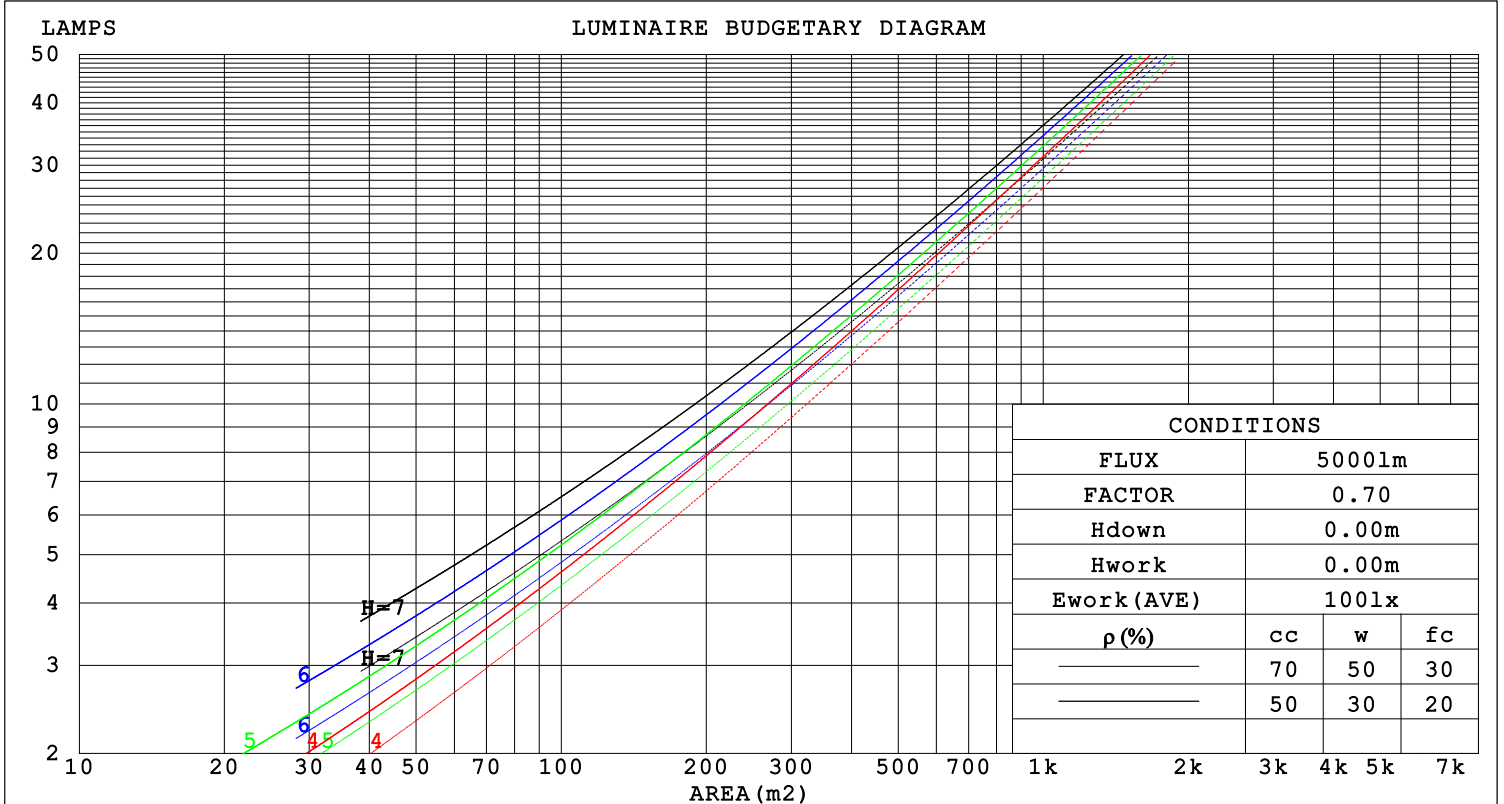
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.85	.81	.77	.82	.78	.76	.73
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.68	.76	.71	.66	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.59	.70	.64	.59	.68	.62	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.66	.58	.52	.64	.57	.51	.62	.56	.51	.60	.55	.50	.48
6.0	.60	.52	.46	.60	.52	.46	.58	.51	.45	.56	.50	.45	.55	.49	.45	.43
7.0	.55	.47	.41	.54	.46	.41	.53	.46	.41	.51	.45	.40	.50	.44	.40	.38
8.0	.50	.42	.37	.50	.42	.37	.49	.41	.36	.47	.41	.36	.46	.40	.36	.34
9.0	.46	.39	.33	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.31
10.0	.43	.35	.30	.42	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.30	.28



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2					TYPE: .5W 3K CRI 90					WEIGHT:				
SPECIFICATION:					DIMENSION: L-1200 DIA-80					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	.278	.158	.050	.271	.155	.049	.258	.148	.047	.246	.142	.046	.235	.136	.044	
2.0	.264	.145	.044	.258	.142	.044	.247	.137	.043	.236	.132	.041	.226	.128	.040	
3.0	.247	.132	.039	.242	.129	.039	.232	.126	.038	.222	.122	.037	.214	.118	.037	
4.0	.230	.120	.035	.226	.118	.035	.217	.115	.034	.208	.112	.034	.201	.109	.033	
5.0	.215	.109	.032	.211	.108	.031	.203	.106	.031	.195	.103	.031	.189	.101	.030	
6.0	.201	.101	.029	.197	.100	.029	.190	.097	.028	.183	.095	.028	.177	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.173	.088	.026	.167	.087	.025	
8.0	.177	.086	.024	.174	.085	.024	.168	.084	.024	.163	.082	.024	.158	.081	.024	
9.0	.166	.080	.022	.164	.080	.022	.158	.078	.022	.154	.077	.022	.149	.076	.022	
10.0	.157	.075	.021	.154	.075	.021	.150	.073	.021	.146	.072	.021	.142	.071	.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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.152	.134	.118	.104	.092	.081	.060	.053	.047	.019	.017	.015	
2.0	.169	.132	.101	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.078	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.152	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.145	.090	.049	.124	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.138	.081	.041	.119	.071	.036	.082	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.113	.065	.030	.078	.045	.021	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.075	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.059	.023	.098	.052	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	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	19.2	20.6	19.5	20.8	21.0	18.3	19.7	18.5	19.9	20.1
	3H	19.8	21.1	20.1	21.4	21.6	18.8	20.1	19.1	20.4	20.6
	4H	20.1	21.3	20.4	21.6	21.8	19.0	20.3	19.3	20.5	20.8
	6H	20.3	21.4	20.6	21.7	22.0	19.1	20.3	19.4	20.5	20.8
	8H	20.3	21.4	20.7	21.7	22.0	19.1	20.2	19.4	20.5	20.8
	12H	20.4	21.4	20.7	21.7	22.0	19.1	20.1	19.4	20.4	20.7
4H	2H	19.4	20.6	19.7	20.9	21.1	18.6	19.9	18.9	20.1	20.4
	3H	20.2	21.3	20.5	21.5	21.8	19.4	20.5	19.8	20.8	21.1
	4H	20.5	21.5	20.9	21.8	22.2	19.7	20.7	20.1	21.0	21.4
	6H	20.8	21.7	21.2	22.1	22.4	19.9	20.8	20.3	21.1	21.5
	8H	20.9	21.7	21.3	22.1	22.5	19.9	20.7	20.3	21.1	21.5
	12H	21.0	21.7	21.4	22.1	22.5	19.9	20.7	20.3	21.0	21.4
8H	4H	20.6	21.4	21.0	21.8	22.2	19.9	20.7	20.3	21.1	21.4
	6H	21.0	21.7	21.4	22.1	22.5	20.2	20.8	20.6	21.2	21.7
	8H	21.1	21.7	21.6	22.1	22.6	20.2	20.8	20.7	21.2	21.7
	12H	21.2	21.8	21.7	22.2	22.7	20.3	20.8	20.7	21.2	21.7
12H	4H	20.6	21.3	21.0	21.7	22.1	19.9	20.6	20.3	21.0	21.4
	6H	21.0	21.6	21.5	22.0	22.5	20.2	20.8	20.6	21.2	21.7
	8H	21.1	21.7	21.6	22.1	22.6	20.3	20.8	20.8	21.2	21.7

Variations with the observer position at spacings:		
S = 1.0H	+ 0.3 / - 0.3	+ 0.5 / - 0.6
1.5H	+ 0.3 / - 0.4	+ 0.3 / - 0.5
2.0H	+ 1.0 / - 1.0	+ 1.0 / - 1.5

CIE Pub.117 Corrected 2916 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.7)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	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	62	51	44	61	51	44	60	50	44	38
0.80	72	61	55	71	61	54	69	60	54	48
1.00	80	70	64	79	70	63	77	71	63	56
1.25	87	78	71	86	77	71	83	76	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	90	85	96	89	84	93	87	82	75
2.50	101	94	89	99	93	88	96	90	86	79
3.00	104	98	93	102	97	92	98	94	90	82
4.00	108	103	99	105	101	97	101	98	95	86
5.00	110	106	102	108	104	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

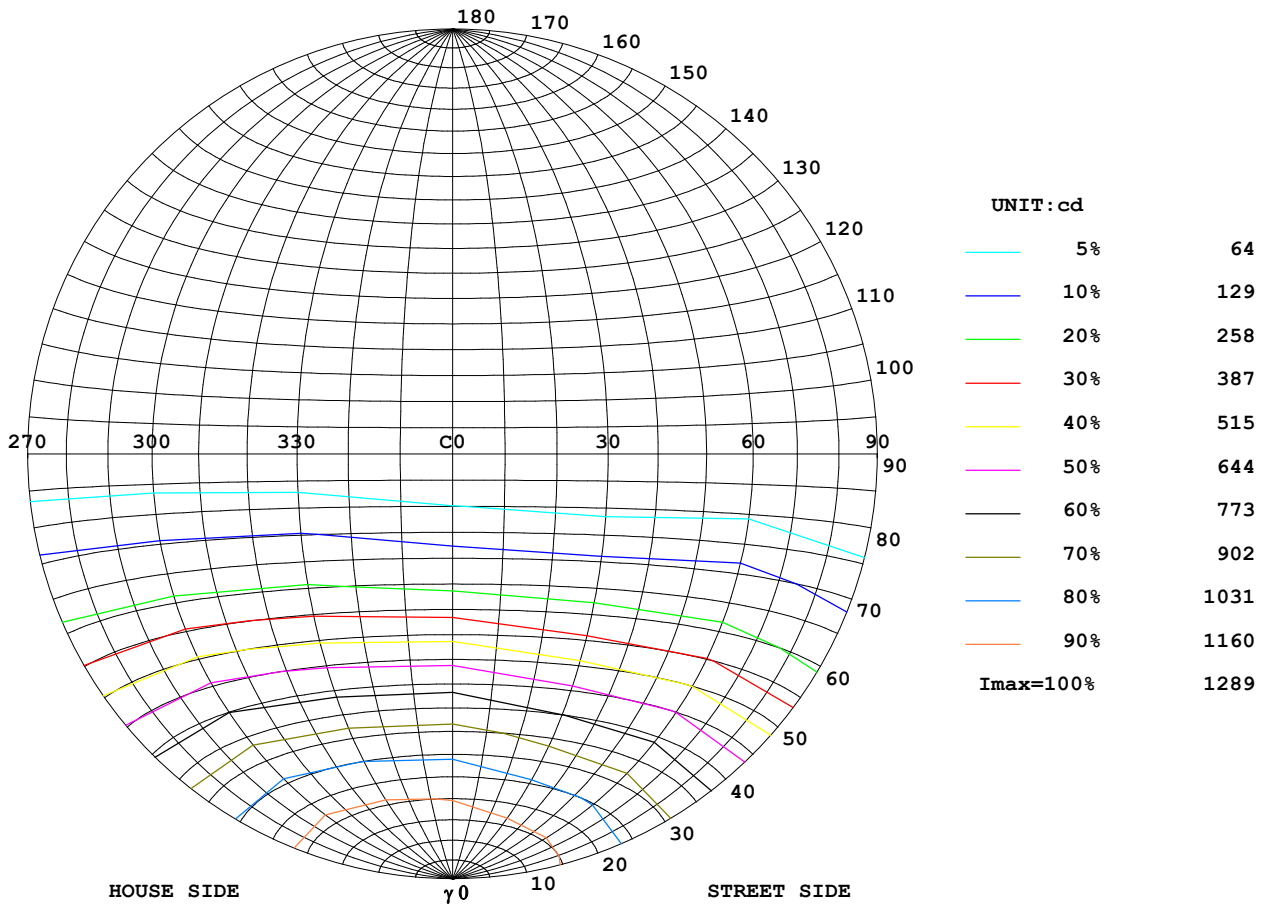
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

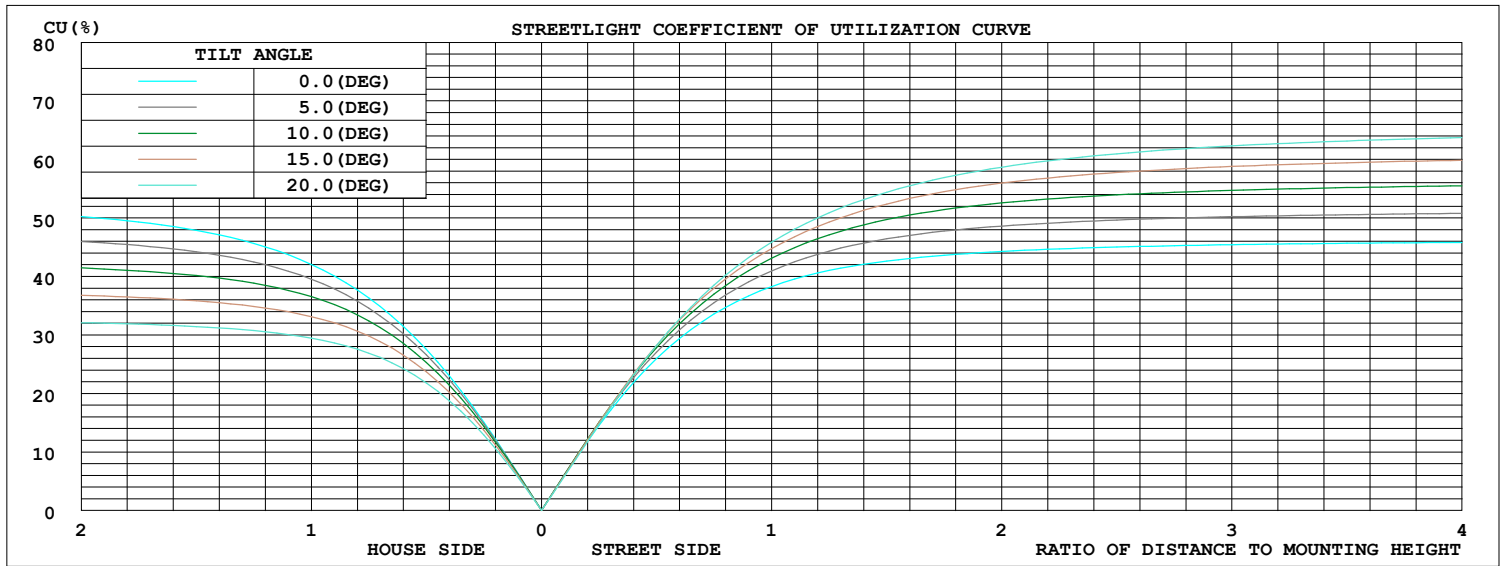
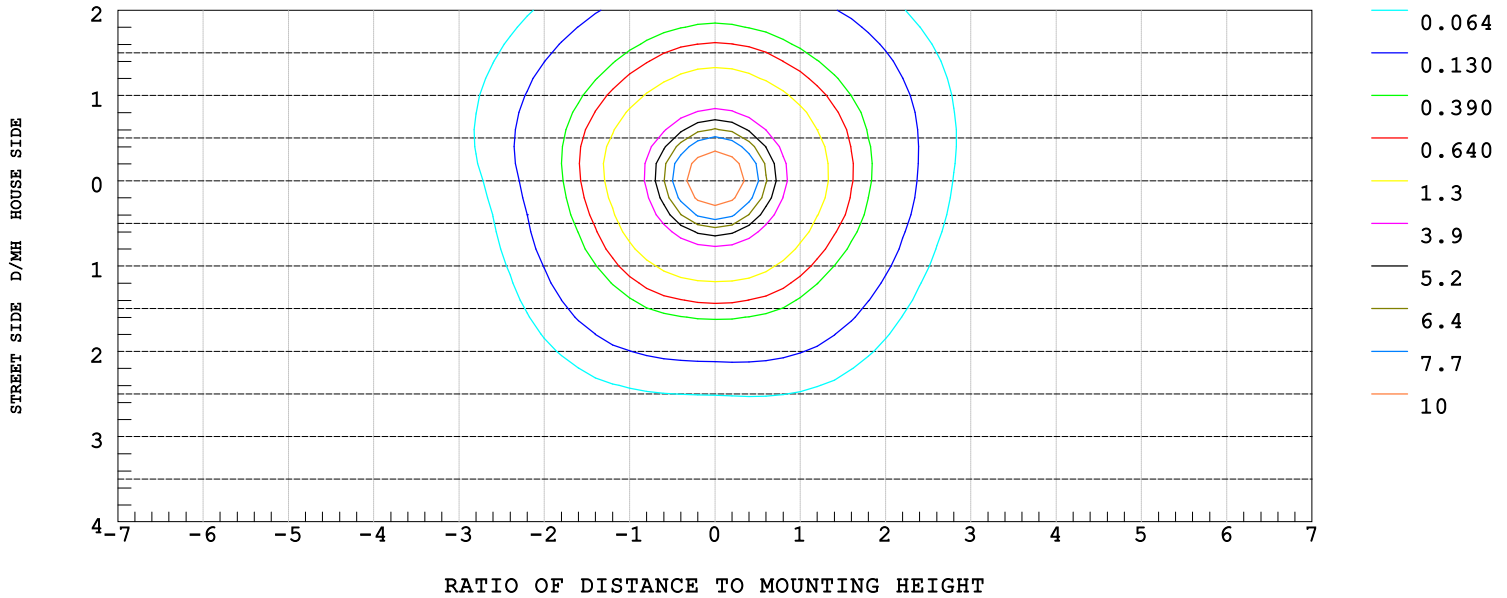
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 12.89 lx



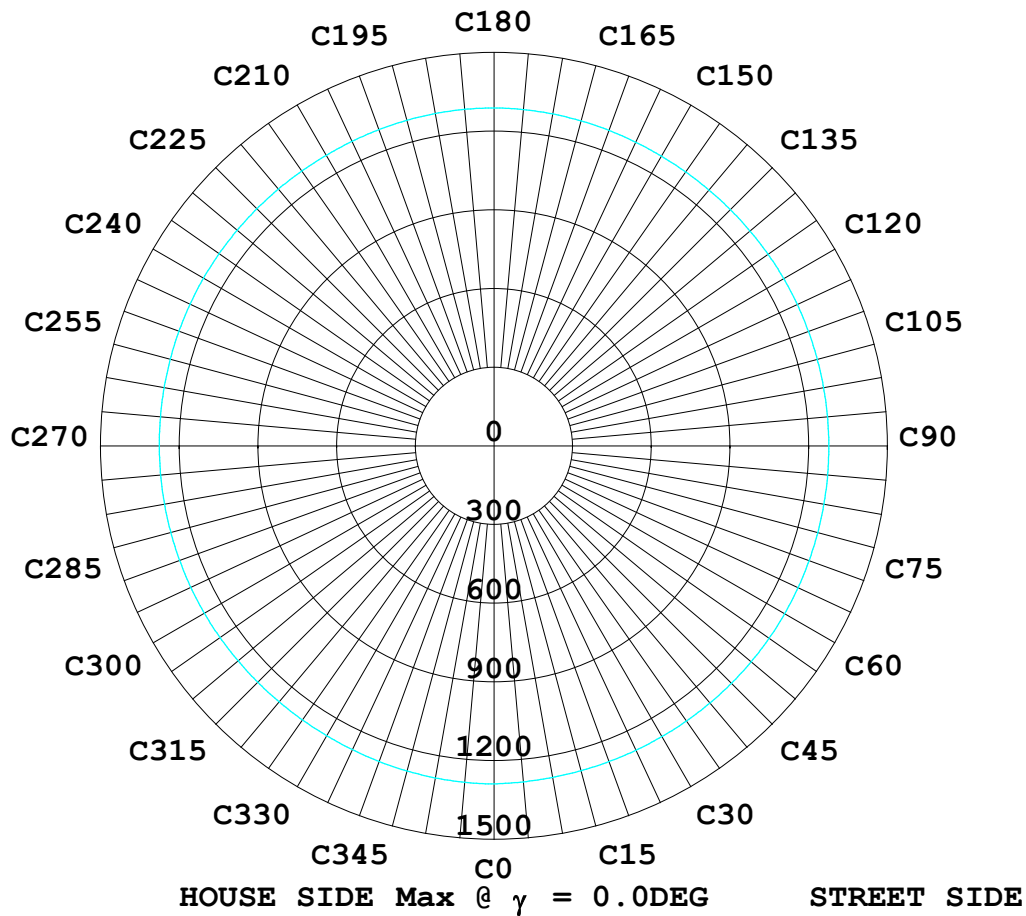
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-05-2023

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: 1014-1-2-1-2	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: L-1200 DIA-80	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1289	1280	1280	1276	1276	1276	1289	1280	1280	1276	1276	1276
5.0	1277	1262	1259	1253	1257	1260	1283	1282	1282	1281	1277	1275
10.0	1249	1228	1222	1212	1221	1228	1262	1267	1266	1267	1260	1257
15.0	1211	1180	1169	1156	1171	1183	1228	1236	1233	1235	1223	1227
20.0	1154	1119	1103	1086	1106	1124	1178	1192	1184	1186	1174	1174
25.0	1088	1045	1027	1005	1031	1051	1115	1133	1120	1124	1110	1116
30.0	1015	962	943	920	947	973	1045	1063	1043	1046	1031	1043
35.0	931	871	851	825	857	885	963	982	961	963	943	961
40.0	839	773	751	723	759	784	873	892	864	871	847	870
45.0	738	668	643	610	653	683	773	794	761	771	745	770
50.0	613	542	514	475	524	563	662	688	652	661	634	662
55.0	476	406	390	342	393	426	528	561	522	526	501	529
60.0	345	296	281	239	281	310	391	425	389	396	378	397
65.0	225	211	208	161	214	223	262	319	283	277	268	279
70.0	151	139	147	109	153	148	170	227	206	193	193	209
75.0	103	88.5	96.2	70.0	101	94.9	114	156	141	134	132	140
80.0	65.0	52.8	58.5	36.6	61.0	58.4	74.8	103	91.3	90.6	85.0	90.7
85.0	30.5	21.7	25.2	11.6	28.4	27.0	39.1	63.3	53.4	53.5	49.7	55.6
90.0	10.5	5.41	9.20	4.15	9.29	5.32	13.0	26.5	23.4	23.1	19.4	20.0

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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