

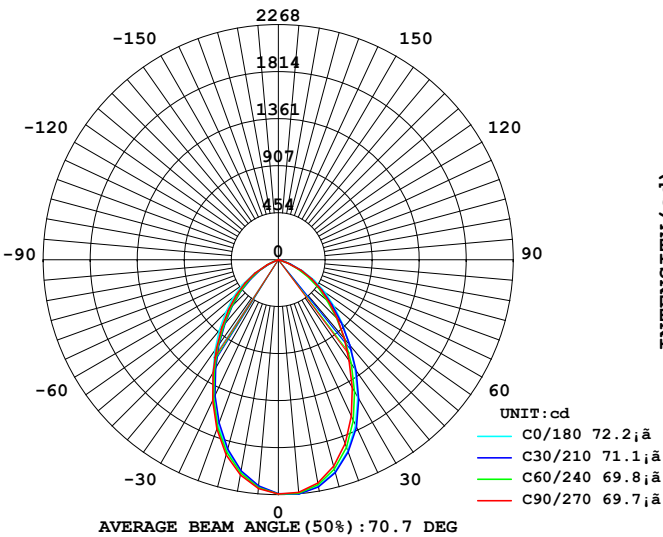
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

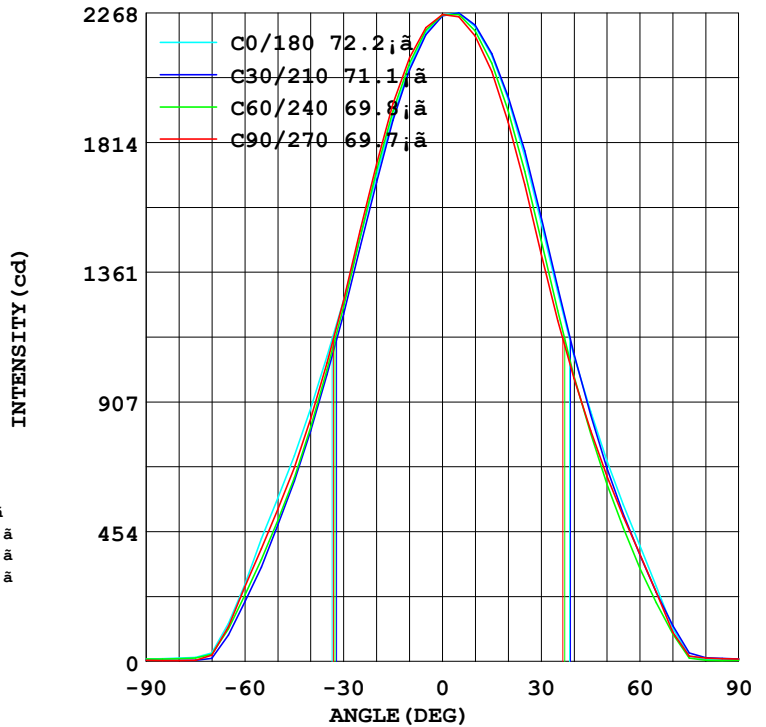
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2268	S/MH (C0/180)	0.92
MODEL	1023-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.93
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3393.6	Voltage (V)	219.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	112.0	Current (A)	0.144
NOMINAL FLUX (lm)	3393.6	η up (%)	0.0	Power (W)	30.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.989
TEST VOLTAGE (V)	219.2	Effective Flux (lm)	3238.1	EET	0.127

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

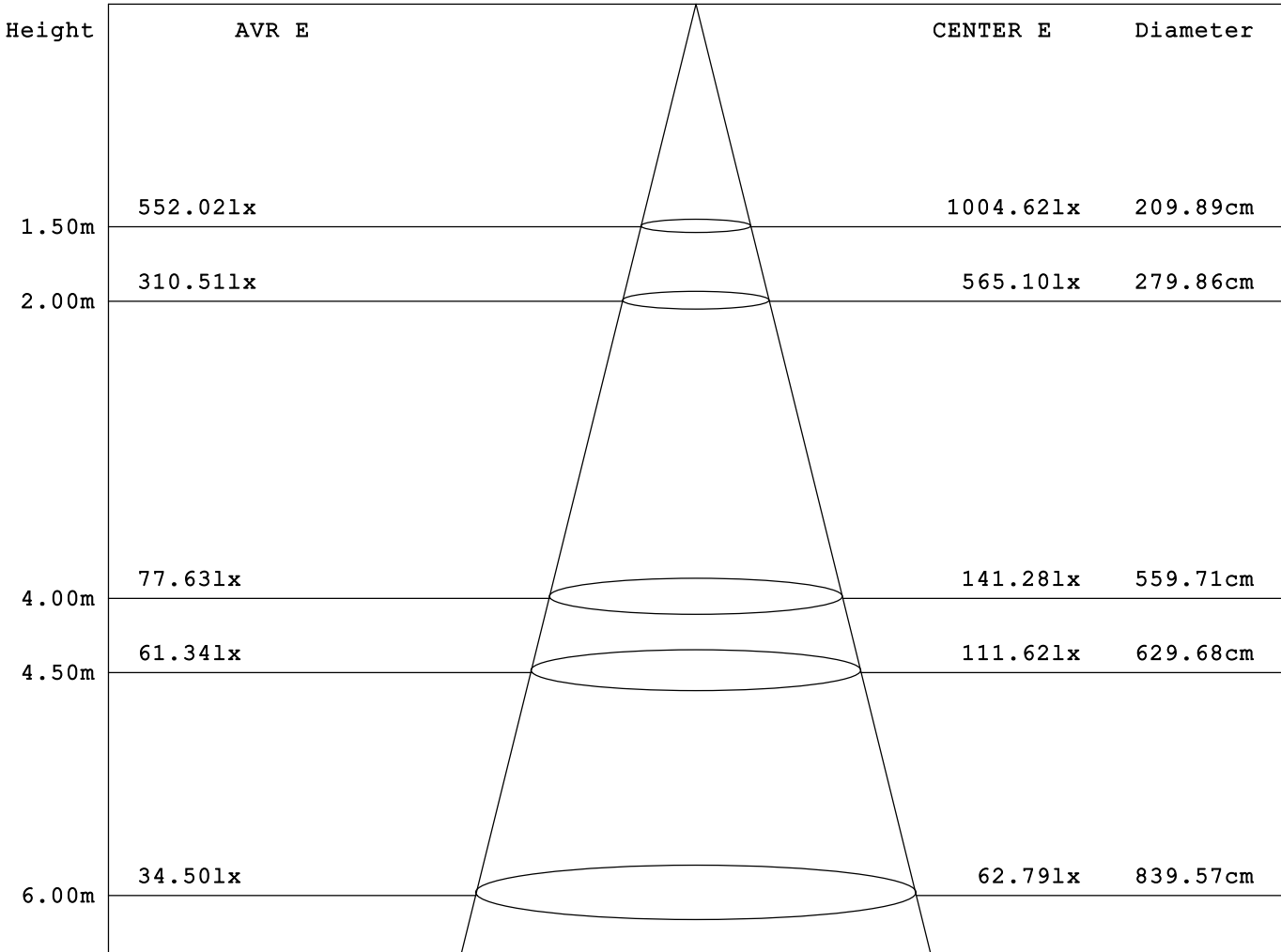
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Angle:70.0deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2076	2079	2110	2160	2219	2214	2187	2143	0- 10	210.5	210.5
20.0	1699	1696	1739	1843	1966	1950	1885	1807	10- 20	562.5	773.0
30.0	1262	1227	1262	1379	1535	1515	1426	1348	20- 30	735.7	1509
40.0	883.9	811.8	848.8	920.7	1066	1035	989.2	911.1	30- 40	714.4	2223
50.0	570.1	483.3	530.5	561.2	701.1	647.4	646.8	562.0	40- 50	576.9	2800
60.0	268.1	218.9	260.1	275.7	404.6	348.2	373.9	273.9	50- 60	388.8	3189
70.0	29.69	18.00	21.47	48.23	114.4	109.9	101.1	55.63	60- 70	172.6	3362
80.0	11.19	6.723	3.158	6.994	6.407	7.987	11.82	6.994	70- 80	24.47	3386
90.0	8.934	6.407	4.332	6.317	8.573	6.498	8.393	6.137	80- 90	7.568	3394
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:06-01-2023

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

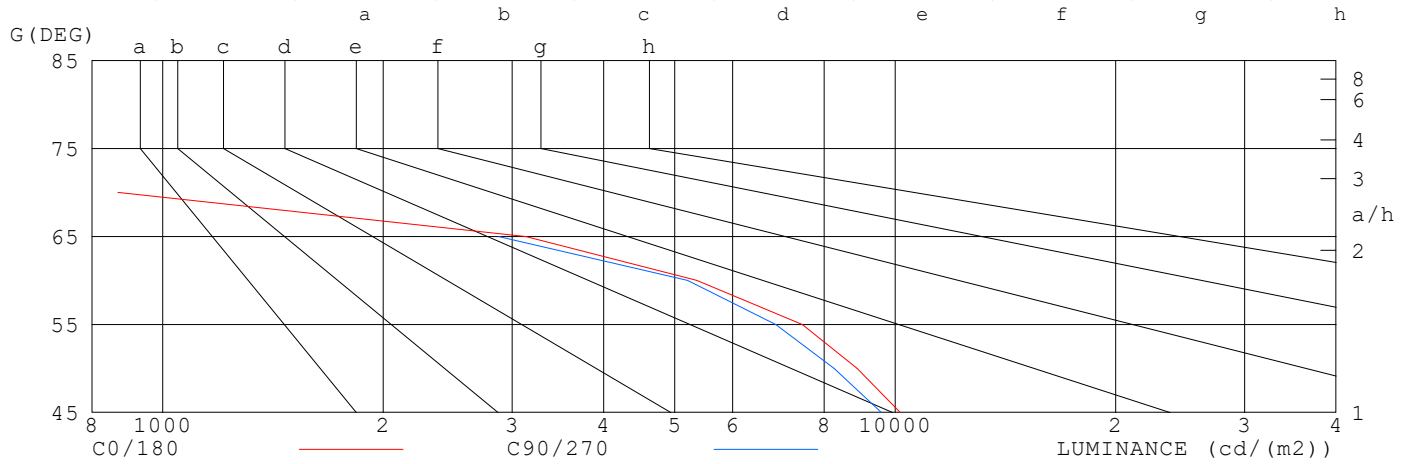
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	1129	373
80	644	182
75	530	133
70	868	628
65	3133	2877
60	5363	5204
55	7472	6873
50	8871	8254
45	10161	9584

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

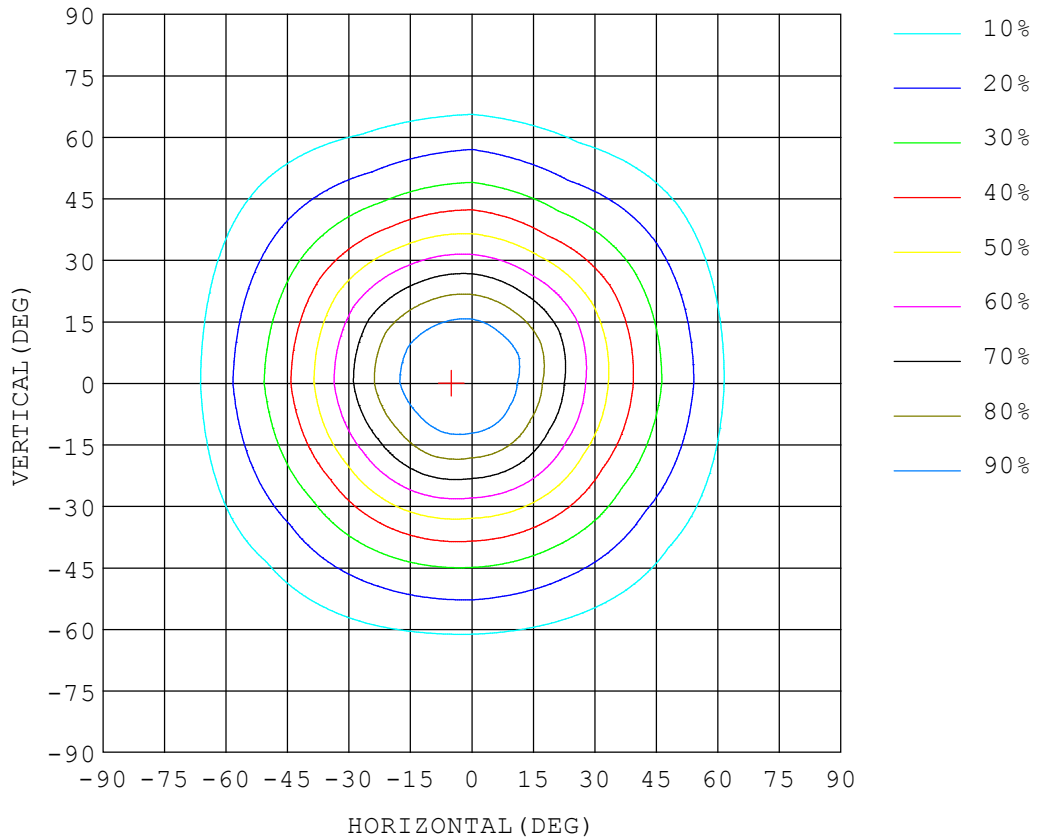
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

UNIT: cd



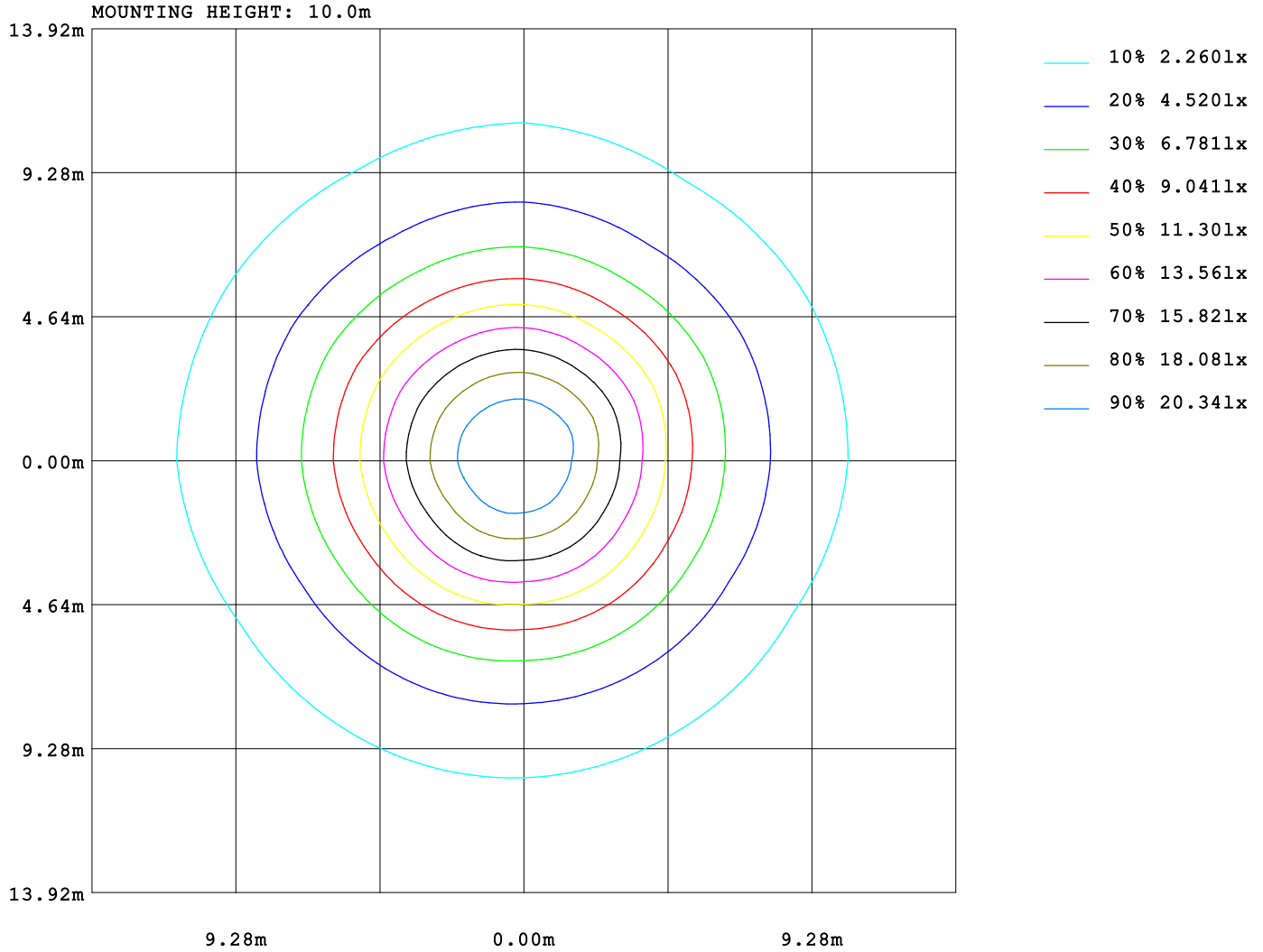
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	0.02	0.07	0.12	0.15	0.15	0.12	0.13	0.20	0.27	0.27	0.20	0.12	0.11	0.14	0.14	0.11	0.07	0.02	2.40	0.00	
80	0.02	0.07	0.13	0.20	0.24	0.30	0.51	0.84	1.08	1.01	0.67	0.32	0.16	0.16	0.16	0.13	0.07	0.02	6.11	0.00	
70	0.02	0.07	0.18	0.54	1.45	2.81	4.26	5.85	6.98	6.74	5.16	3.26	1.79	0.74	0.27	0.14	0.08	0.02	40.4	15.0	
60	0.02	0.08	0.39	1.94	4.45	7.31	10.1	13.0	14.9	14.6	12.0	8.73	5.80	3.10	0.99	0.21	0.08	0.03	98.1	85.5	
50	0.02	0.10	0.99	3.84	7.88	12.5	17.2	21.5	24.2	23.6	20.0	15.2	10.6	6.10	2.51	0.43	0.09	0.03	167	161	
40	0.02	0.15	1.76	5.77	11.4	18.4	25.8	32.2	36.0	35.1	29.8	22.9	15.9	9.46	4.06	0.85	0.10	0.03	250	246	
30	0.02	0.23	2.49	7.48	14.7	24.5	35.4	44.8	50.0	48.6	41.2	31.1	21.0	12.3	5.60	1.32	0.12	0.03	341	338	
20	0.02	0.31	3.07	8.78	17.3	29.4	43.8	55.6	61.7	60.1	51.2	38.1	24.9	14.4	6.78	1.69	0.14	0.03	418	415	
10	0.02	0.36	3.39	9.53	18.7	32.0	47.9	61.2	67.5	65.9	55.9	40.9	26.6	15.5	7.40	1.88	0.14	0.03	455	453	
0	0.02	0.34	3.31	9.33	18.3	31.2	46.7	59.7	66.4	64.6	54.3	39.7	25.9	15.1	7.21	1.81	0.14	0.03	444	442	
-10	0.02	0.27	2.83	8.21	16.1	27.1	40.4	52.4	58.6	57.0	48.0	35.0	22.9	13.3	6.24	1.49	0.12	0.03	391	387	
-20	0.02	0.18	2.13	6.59	12.9	21.5	31.9	41.1	45.6	44.3	37.8	28.1	18.4	10.6	4.81	1.01	0.10	0.03	308	304	
-30	0.02	0.10	1.32	4.67	9.47	15.9	22.9	29.0	31.8	31.0	26.8	20.4	13.6	7.54	3.12	0.53	0.08	0.02	219	214	
-40	0.02	0.06	0.58	2.65	6.10	10.6	15.1	18.8	20.6	20.1	17.5	13.4	8.88	4.59	1.45	0.19	0.07	0.02	141	133	
-50	0.02	0.04	0.16	0.91	2.98	5.73	8.47	10.6	11.8	11.5	9.87	7.29	4.41	1.82	0.32	0.09	0.06	0.02	76.3	61.9	
-60	0.02	0.04	0.06	0.15	0.64	1.65	2.82	3.66	4.02	3.82	3.09	2.04	0.98	0.29	0.09	0.07	0.06	0.02	23.5	1.73	
-70	0.02	0.04	0.05	0.08	0.15	0.28	0.39	0.38	0.30	0.27	0.31	0.32	0.24	0.14	0.08	0.06	0.05	0.02	3.19	0.00	
-80	0.02	0.05	0.06	0.08	0.14	0.20	0.23	0.19	0.14	0.13	0.18	0.22	0.20	0.14	0.09	0.07	0.05	0.02	2.20	0.00	
-90	0.02	0.05	0.06	0.08	0.14	0.20	0.23	0.19	0.14	0.13	0.18	0.22	0.20	0.14	0.09	0.07	0.05	0.02	2.20	0.00	
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90					
Φ t	0.34	2.55	23.0	70.9	143	242	355	452	503	489	414	308	203	116	51.3	12.1	1.63	0.45	3394		
Φ a	0.00	0.00	11.1	61.6	134	233	346	444	495	482	407	299	194	106	40.3	1.15	0.00	0.00		3238	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

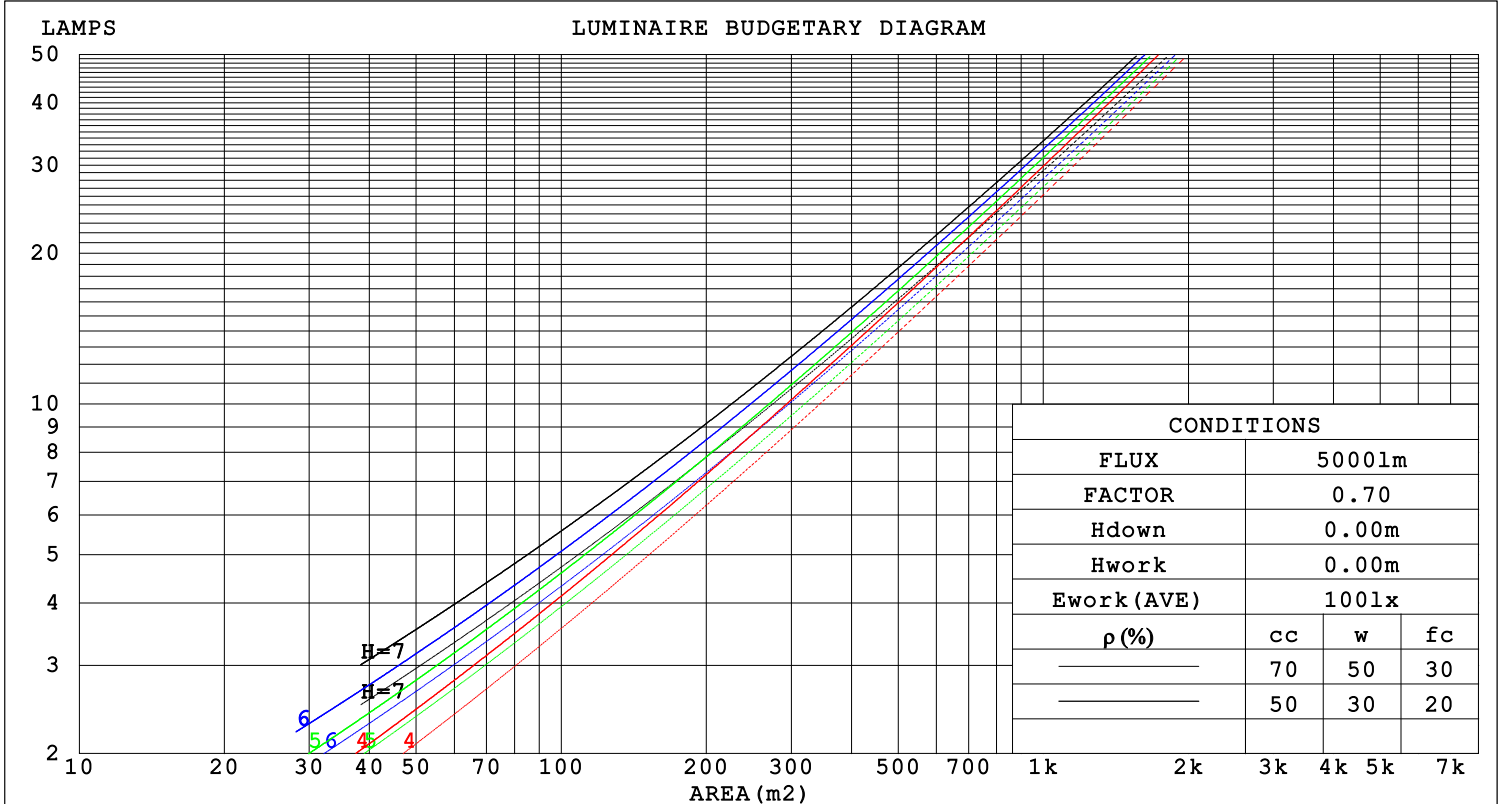
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	1.08	1.05	1.02	1.06	1.03	1.01	1.02	.90	.97	.98	.96	.94	.95	.93	.92	.90
2.0	.98	.92	.88	.96	.91	.87	.93	.89	.85	.89	.86	.83	.87	.84	.81	.80
3.0	.88	.82	.77	.87	.81	.76	.84	.79	.75	.82	.77	.74	.79	.76	.72	.71
4.0	.80	.73	.68	.79	.72	.67	.77	.71	.66	.75	.70	.66	.73	.68	.65	.63
5.0	.73	.66	.60	.72	.65	.60	.70	.64	.59	.68	.63	.59	.67	.62	.58	.56
6.0	.67	.60	.54	.66	.59	.54	.65	.58	.53	.63	.57	.53	.62	.57	.53	.51
7.0	.62	.54	.49	.61	.54	.49	.60	.53	.49	.58	.53	.48	.57	.52	.48	.46
8.0	.57	.50	.45	.56	.49	.45	.55	.49	.44	.54	.48	.44	.53	.48	.44	.42
9.0	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.41	.49	.44	.40	.39
10.0	.49	.42	.38	.49	.42	.38	.48	.42	.38	.47	.41	.37	.46	.41	.37	.36



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2					TYPE: .5w 4K CRI 90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*28*145					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	.227	.129	.041	.220	.126	.040	.208	.119	.038	.196	.113	.036	.185	.107	.035	
2.0	.222	.122	.037	.216	.119	.037	.205	.114	.035	.195	.109	.034	.185	.105	.033	
3.0	.212	.113	.034	.207	.111	.033	.197	.107	.032	.188	.103	.032	.180	.100	.031	
4.0	.201	.104	.031	.196	.103	.030	.188	.100	.030	.180	.097	.029	.173	.094	.029	
5.0	.190	.097	.028	.186	.095	.028	.178	.093	.027	.171	.090	.027	.165	.088	.026	
6.0	.179	.090	.026	.176	.089	.026	.169	.087	.025	.163	.085	.025	.157	.083	.025	
7.0	.170	.084	.024	.166	.083	.024	.160	.081	.023	.155	.079	.023	.150	.078	.023	
8.0	.160	.078	.022	.158	.078	.022	.152	.076	.022	.147	.075	.022	.143	.073	.021	
9.0	.152	.074	.021	.150	.073	.020	.145	.072	.020	.140	.070	.020	.136	.069	.020	
10.0	.144	.069	.019	.142	.069	.019	.138	.068	.019	.134	.066	.019	.130	.065	.019	

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	.175	.157	.141	.149	.135	.121	.102	.093	.084	.059	.054	.049	.019	.017	.016	
2.0	.163	.132	.106	.140	.114	.092	.096	.079	.064	.055	.046	.038	.018	.015	.012	
3.0	.153	.114	.082	.131	.098	.072	.090	.068	.050	.052	.040	.030	.017	.013	.010	
4.0	.145	.100	.066	.124	.086	.057	.086	.060	.040	.049	.035	.024	.016	.011	.008	
5.0	.137	.089	.053	.118	.077	.046	.081	.054	.033	.047	.032	.019	.015	.010	.006	
6.0	.131	.080	.044	.112	.069	.038	.077	.049	.027	.045	.029	.016	.015	.009	.005	
7.0	.124	.073	.037	.107	.063	.032	.074	.044	.023	.043	.026	.014	.014	.009	.005	
8.0	.119	.067	.032	.102	.058	.028	.071	.041	.020	.041	.024	.012	.013	.008	.004	
9.0	.113	.062	.028	.097	.054	.024	.068	.038	.017	.039	.022	.010	.013	.007	.003	
10.0	.108	.058	.025	.093	.050	.021	.065	.035	.015	.038	.021	.009	.012	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	17.7	19.0	18.0	19.2	19.4	17.7	19.0	18.0	19.2	19.4
	3H	17.6	18.7	17.9	19.0	19.2	17.6	18.8	17.9	19.0	19.2
	4H	17.5	18.6	17.8	18.8	19.1	17.5	18.6	17.8	18.8	19.1
	6H	17.4	18.4	17.7	18.7	19.0	17.4	18.4	17.7	18.7	18.9
	8H	17.4	18.4	17.7	18.6	18.9	17.4	18.3	17.7	18.6	18.9
	12H	17.4	18.3	17.7	18.6	18.9	17.3	18.3	17.7	18.5	18.8
4H	2H	17.7	18.8	18.0	19.0	19.2	17.7	18.8	18.0	19.0	19.2
	3H	17.6	18.5	17.9	18.8	19.1	17.6	18.5	17.9	18.8	19.1
	4H	17.5	18.3	17.8	18.6	18.9	17.5	18.3	17.8	18.6	19.0
	6H	17.4	18.1	17.8	18.5	18.8	17.4	18.1	17.8	18.5	18.8
	8H	17.4	18.0	17.8	18.4	18.8	17.4	18.0	17.8	18.4	18.8
	12H	17.3	18.0	17.8	18.3	18.7	17.3	17.9	17.7	18.3	18.7
8H	4H	17.3	18.0	17.7	18.4	18.8	17.3	18.0	17.7	18.4	18.8
	6H	17.3	17.8	17.7	18.2	18.6	17.3	17.8	17.7	18.2	18.6
	8H	17.2	17.7	17.7	18.2	18.6	17.2	17.7	17.7	18.1	18.6
	12H	17.2	17.6	17.7	18.1	18.6	17.2	17.6	17.7	18.1	18.5
12H	4H	17.3	17.9	17.7	18.3	18.7	17.3	17.9	17.7	18.3	18.7
	6H	17.2	17.7	17.7	18.1	18.6	17.2	17.7	17.7	18.1	18.6
	8H	17.2	17.6	17.7	18.1	18.5	17.2	17.6	17.7	18.1	18.5

Variations with the observer position at spacings:		
S = 1.0H	+ 0.9 / - 1.3	+ 0.8 / - 1.3
1.5H	+ 0.7 / - 1.2	+ 0.5 / - 1.1
2.0H	+ 2.4 / - 4.4	+ 2.0 / - 3.7

CIE Pub.117 Corrected 3394 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.2)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	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	69	60	54	69	60	54	68	59	54	49
0.80	79	70	64	78	70	64	77	69	64	58
1.00	87	79	73	86	78	73	84	79	72	67
1.25	93	85	80	92	85	80	90	83	79	73
1.50	97	90	85	96	89	84	93	88	83	77
2.00	102	96	92	101	95	91	98	93	89	83
2.50	105	100	95	103	98	94	100	96	92	85
3.00	108	103	99	106	101	98	102	98	95	88
4.00	110	106	103	108	105	102	104	101	99	91
5.00	112	109	106	110	107	104	106	103	101	93
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

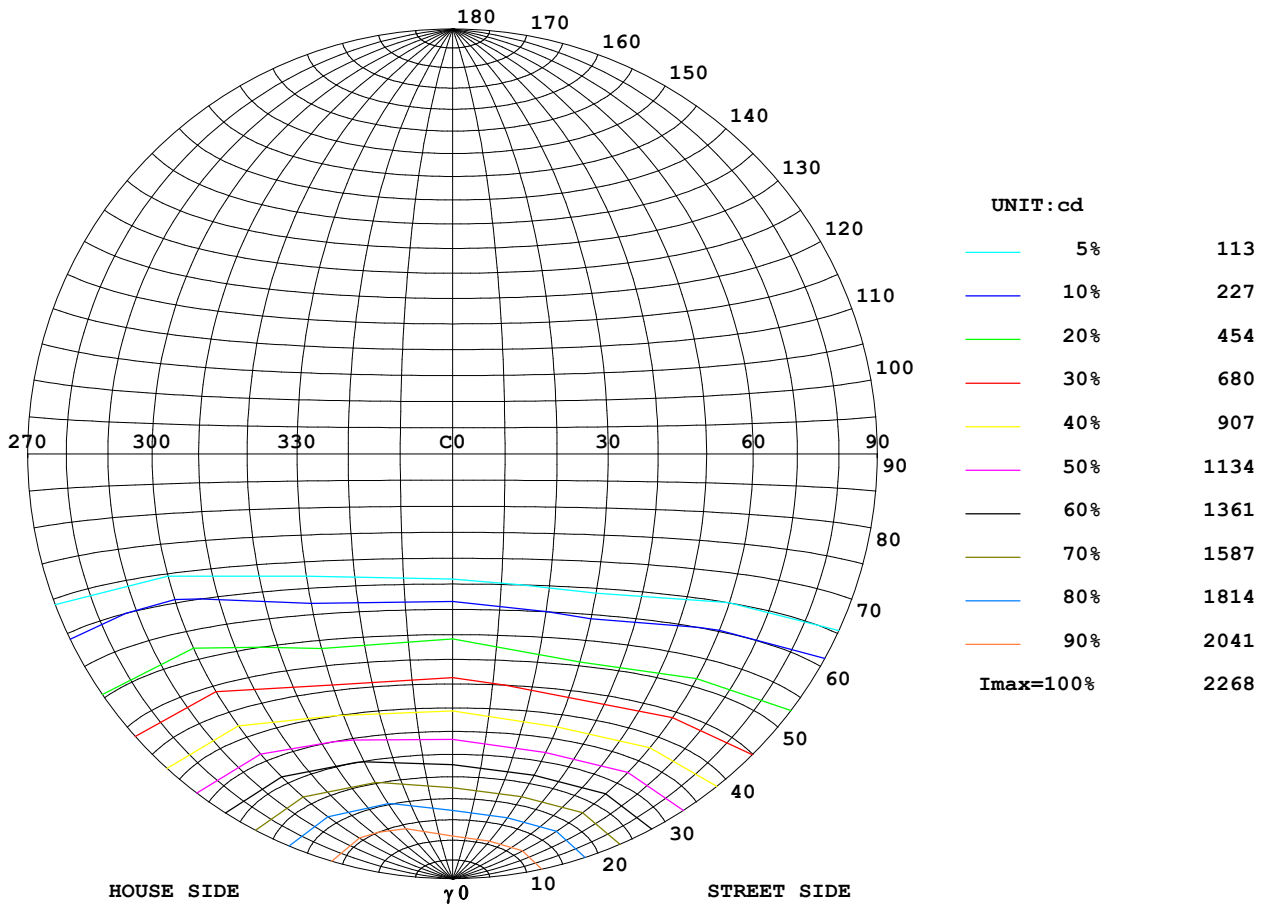
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

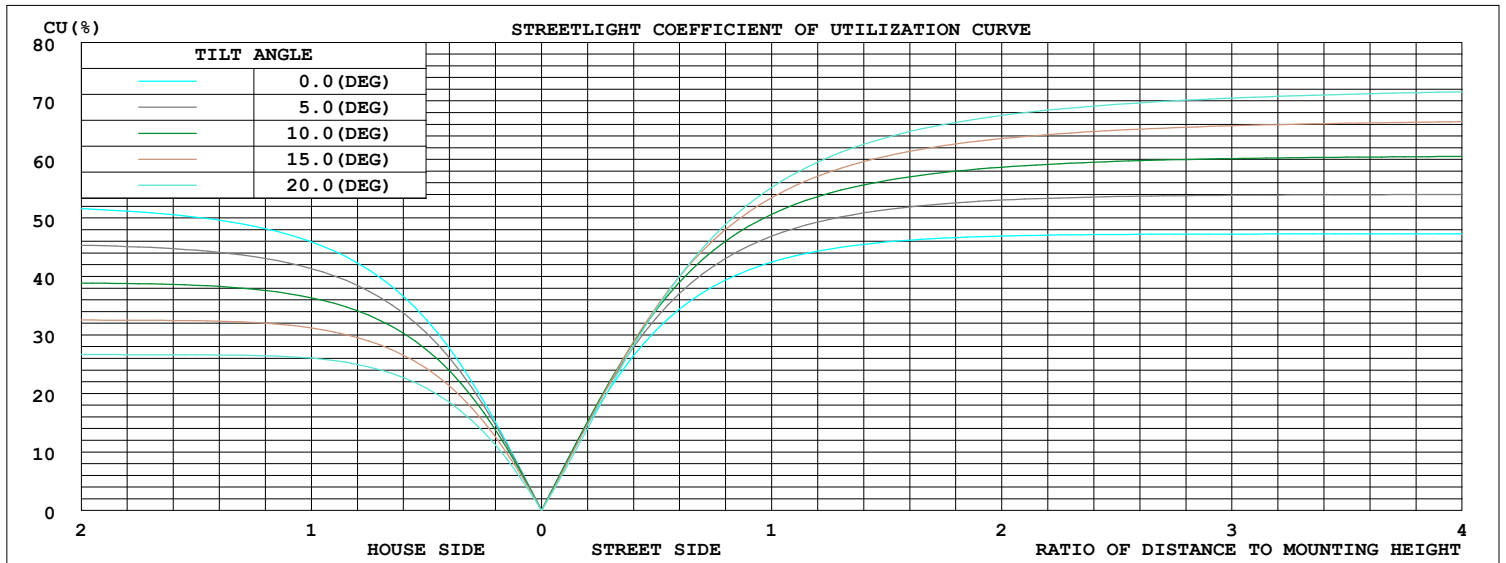
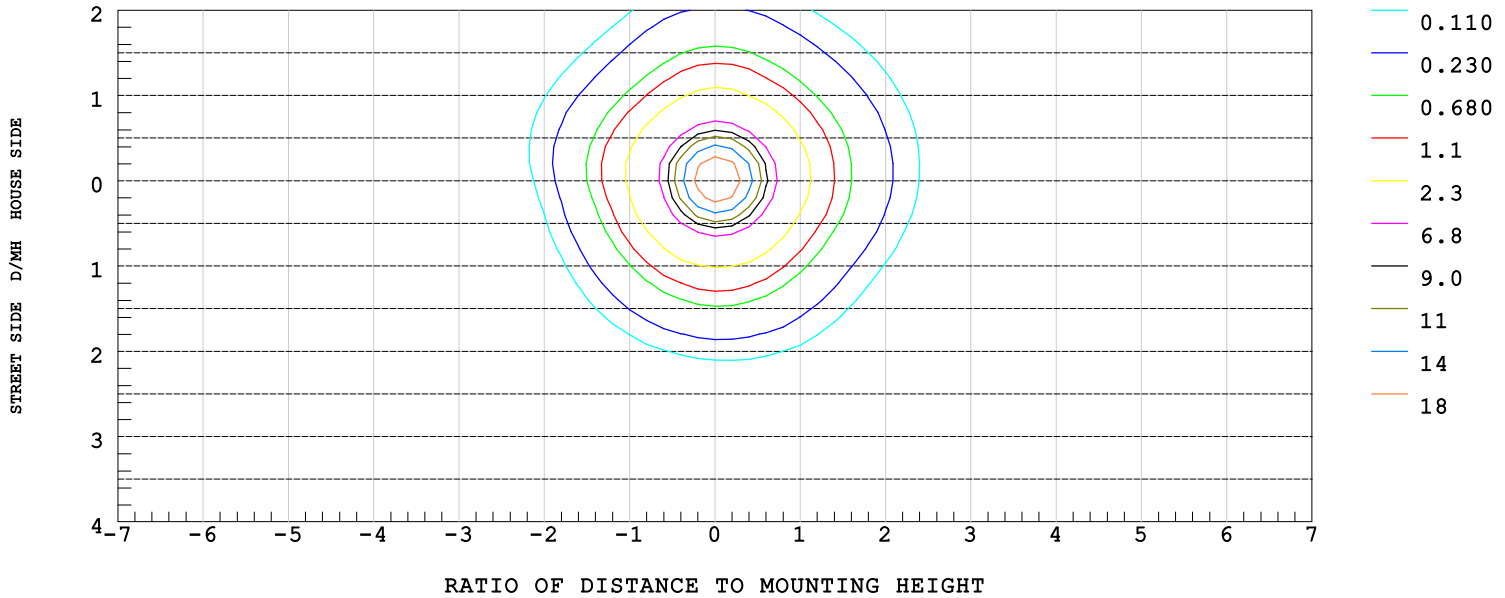
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 22.60 lx



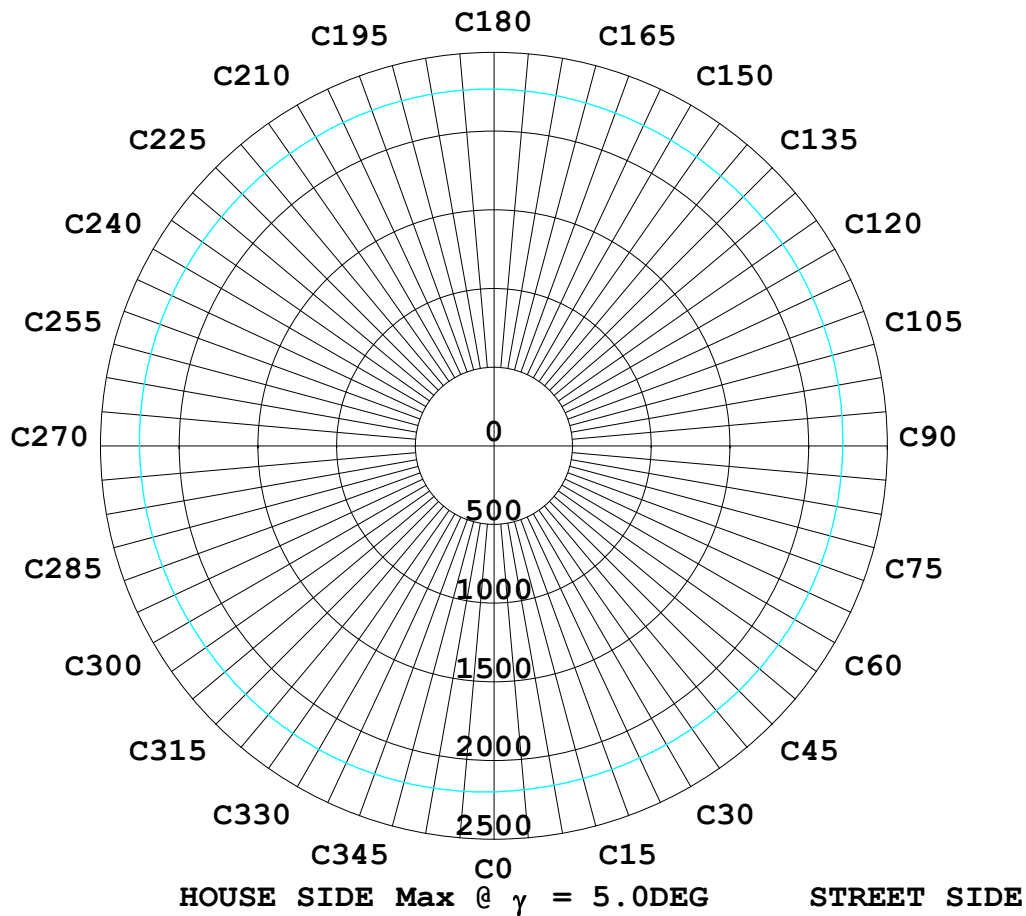
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-01-2023

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: 1023-1-2-3-2	TYPE: .5w 4K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*28*145	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2260	2257	2260	2261	2262	2262	2260	2257	2260	2261	2262	2262
5.0	2198	2191	2206	2215	2236	2244	2268	2267	2261	2253	2236	2227
10.0	2076	2068	2091	2110	2148	2172	2219	2224	2204	2187	2151	2135
15.0	1904	1891	1923	1949	2007	2043	2119	2125	2092	2063	2013	1987
20.0	1699	1675	1717	1739	1819	1867	1966	1975	1925	1885	1823	1790
25.0	1478	1446	1479	1504	1590	1656	1765	1785	1713	1668	1595	1572
30.0	1262	1215	1240	1262	1347	1412	1535	1555	1474	1426	1354	1342
35.0	1066	1003	1019	1043	1116	1170	1291	1308	1227	1192	1117	1121
40.0	884	806	818	849	899	943	1066	1075	996	989	900	922
45.0	718	630	642	678	710	744	875	862	797	808	716	739
50.0	570	476	491	531	549	574	701	675	619	647	550	575
55.0	429	329	356	394	404	420	547	515	467	506	407	430
60.0	268	207	231	260	271	280	405	371	325	374	274	273
65.0	132	91.9	114	122	157	165	262	241	206	242	162	172
70.0	29.6	10.6	25.3	21.4	46.7	49.7	114	125	95.3	101	55.7	55.5
75.0	13.7	3.42	12.0	3.42	13.4	4.24	19.6	29.2	12.1	18.9	4.51	13.8
80.0	11.1	3.42	10.0	3.15	10.6	3.33	6.40	12.5	3.42	11.8	3.15	10.8
85.0	9.83	3.70	8.93	3.24	9.20	3.42	6.49	10.3	3.33	9.83	3.24	9.38
90.0	8.93	4.78	8.03	4.33	8.21	4.42	8.57	8.84	4.15	8.39	4.06	8.21

Test System:HOPOO HPG1800
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