

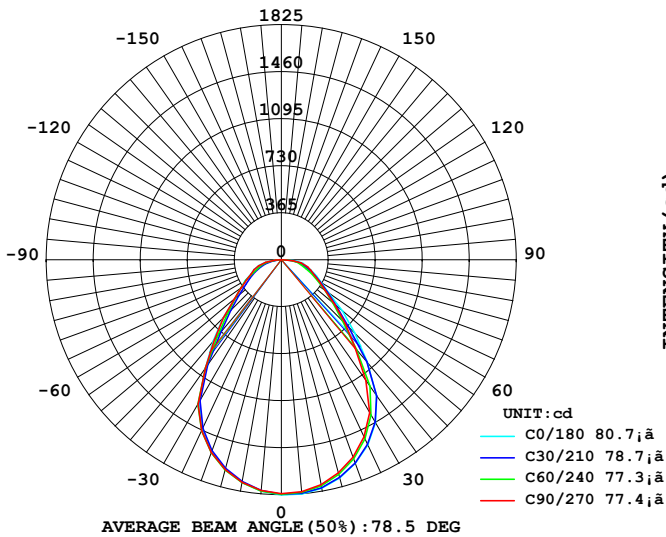
### LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

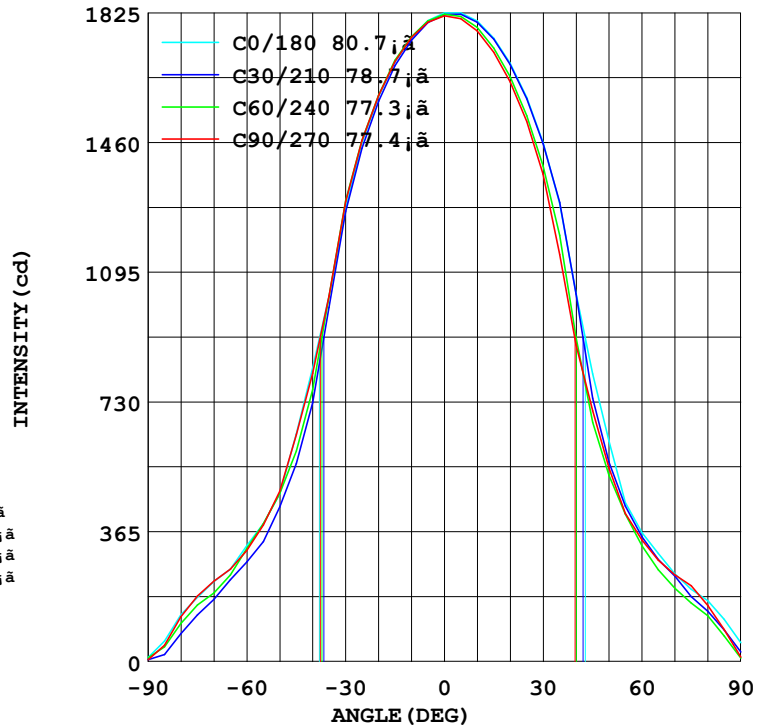
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

DATA OF LAMP		Imax (cd)	1825	S/MH (C0/180)	1.09
MODEL	1021-1-2-1-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.09
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3440.3	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	113.8	Current (A)	0.135
NOMINAL FLUX (lm)	3440.4	$\eta$ up (%)	0.0	Power (W)	30.21
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	3268.5	EEL	0.126

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

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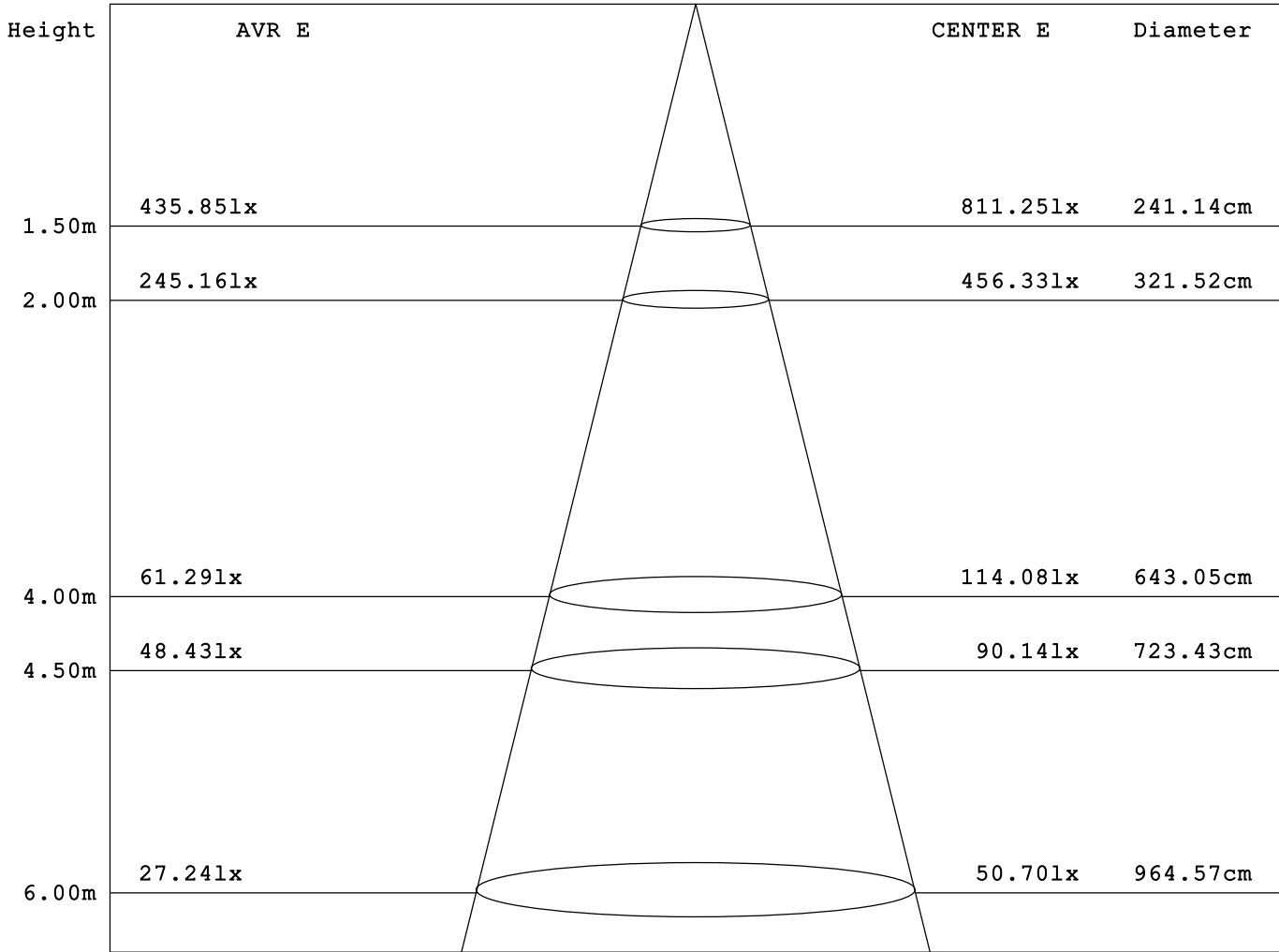
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Angle:77.6deg

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1756	1754	1756	1772	1802	1791	1774	1760	0- 10	171.2	171.2
20.0	1589	1585	1592	1633	1683	1663	1631	1608	10- 20	480.9	652.2
30.0	1274	1281	1294	1382	1460	1426	1371	1334	20- 30	690.3	1343
40.0	825.9	746.4	810.5	897.0	1036	972.7	890.9	820.7	30- 40	699.4	2042
50.0	471.2	453.4	478.9	513.2	620.2	542.0	544.0	479.5	40- 50	518.4	2561
60.0	325.0	298.5	312.0	330.4	362.7	338.2	341.8	309.7	50- 60	364.9	2926
70.0	224.8	183.2	225.8	210.1	246.3	222.8	243.8	193.6	60- 70	263.2	3189
80.0	130.5	92.41	125.8	120.6	170.6	134.4	157.2	108.5	70- 80	179.5	3368
90.0	11.46	7.626	4.512	8.618	53.06	17.82	12.00	7.626	80- 90	72.04	3440
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:06-21-2023

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

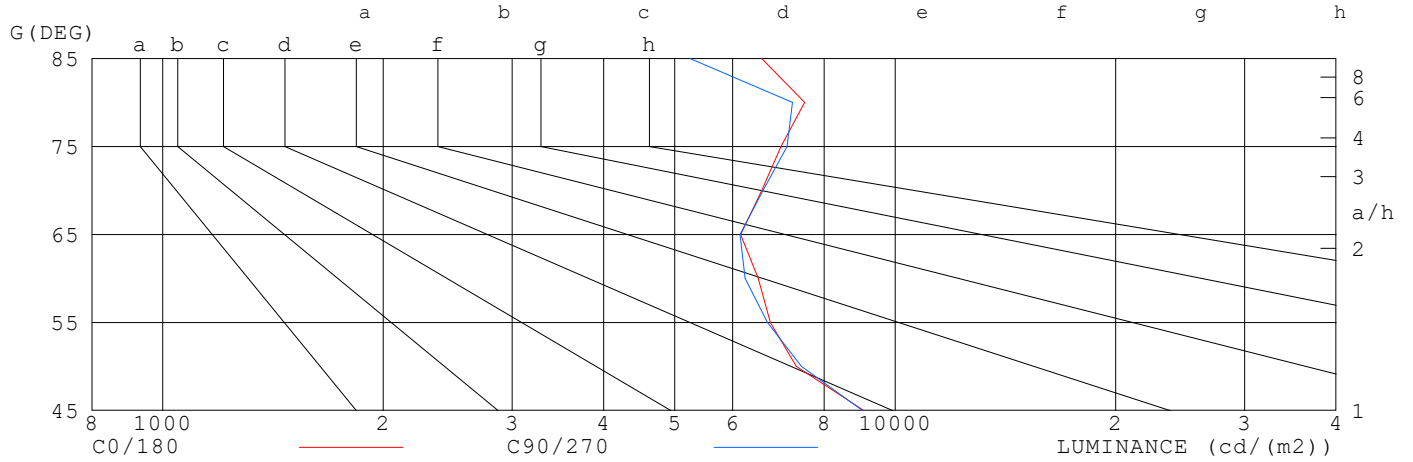
**LUMINANCE LIMITATION CURVES**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	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	6575	5250
80	7520	7245
75	6984	7117
70	6573	6605
65	6150	6137
60	6502	6242
55	6753	6697
50	7332	7451
45	9064	9025

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

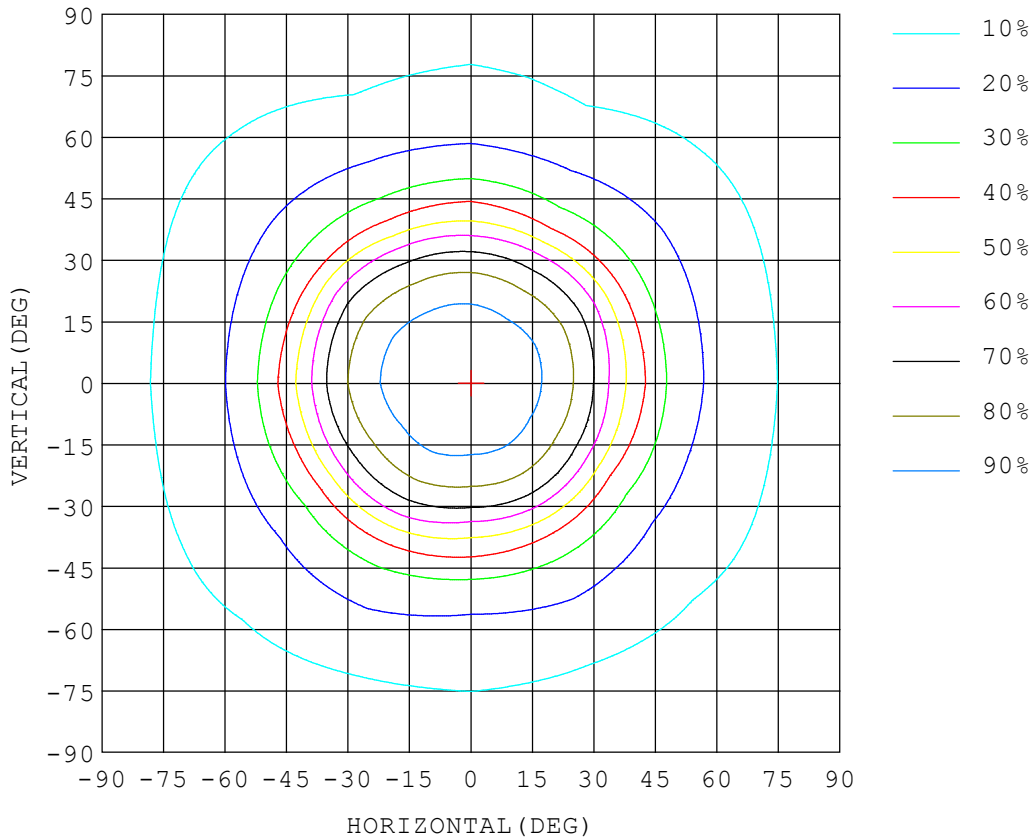
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 3000K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

UNIT: cd



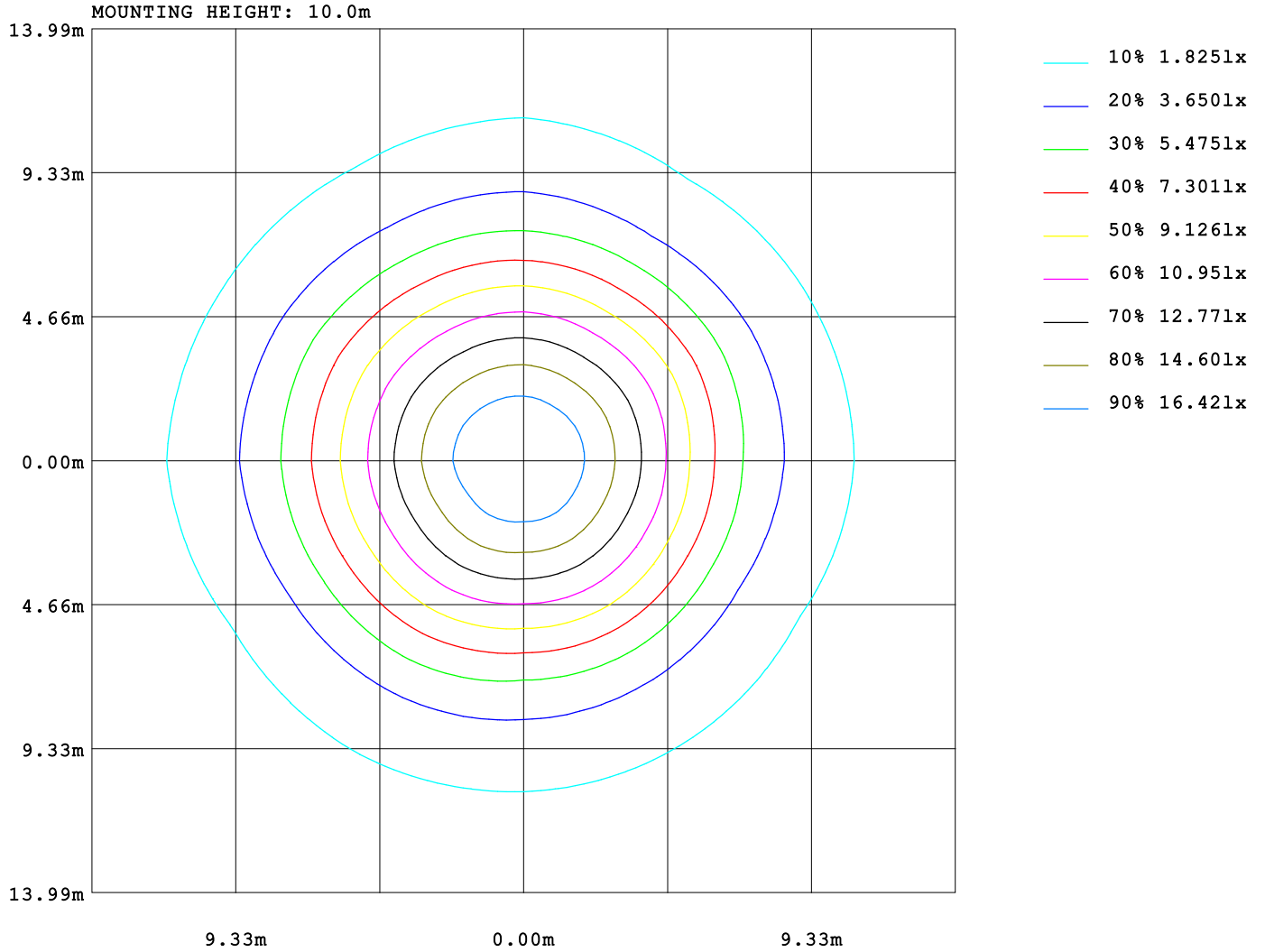
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	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	0.14	0.44	0.74	1.03	1.32	1.55	1.85	2.24	2.54	2.45	1.97	1.43	1.05	0.81	0.57	0.36	0.18	0.04	20.7	0.00		
80	0.18	0.71	1.38	2.15	2.95	3.65	4.41	5.32	6.03	5.94	5.06	4.00	3.15	2.40	1.59	0.88	0.36	0.07	50.2	15.2		
70	0.22	0.94	1.92	3.03	4.29	5.43	6.53	7.75	8.56	8.42	7.37	5.98	4.84	3.73	2.56	1.49	0.58	0.10	73.7	58.5		
60	0.26	1.13	2.35	4.00	5.78	7.71	9.73	11.6	12.8	12.6	11.0	8.89	7.02	5.17	3.43	1.99	0.82	0.12	107	100		
50	0.29	1.29	2.79	4.89	7.55	10.9	14.6	18.4	21.1	20.6	17.1	13.2	9.85	6.89	4.35	2.42	1.01	0.15	158	154		
40	0.31	1.41	3.19	5.80	9.76	15.6	23.3	30.3	34.2	33.4	27.9	20.2	13.5	8.68	5.24	2.80	1.17	0.17	237	235		
30	0.33	1.52	3.52	6.70	12.5	22.6	34.1	41.7	45.4	44.8	39.7	30.4	18.7	10.5	6.00	3.10	1.29	0.20	324	322		
	0.35	1.59	3.77	7.54	15.3	28.5	40.6	48.0	51.5	50.9	46.2	37.3	23.7	12.4	6.56	3.33	1.38	0.21	380	378		
	0.35	1.64	3.92	8.13	17.2	31.2	43.1	50.9	54.5	53.8	49.0	39.7	25.8	13.7	6.86	3.45	1.43	0.22	406	404		
	0.35	1.63	3.89	8.04	17.0	30.7	42.6	50.3	54.1	53.7	48.6	39.2	25.2	13.4	6.75	3.42	1.42	0.22	401	400		
	0.34	1.56	3.69	7.30	14.6	26.8	39.0	47.0	50.9	50.4	45.4	35.6	21.8	11.8	6.26	3.23	1.35	0.21	368	366		
-30	0.32	1.47	3.39	6.36	11.5	20.4	32.2	40.7	44.1	43.5	38.5	28.0	16.7	9.67	5.54	2.96	1.25	0.19	307	305		
-40	0.30	1.35	3.00	5.40	8.93	14.4	22.0	28.8	31.7	30.8	26.1	19.0	12.5	7.66	4.74	2.62	1.11	0.16	221	218		
-50	0.28	1.21	2.56	4.48	7.02	10.5	14.4	17.6	19.4	18.9	16.4	13.0	9.33	6.20	3.89	2.21	0.93	0.14	149	144		
-60	0.24	1.04	2.11	3.54	5.45	7.68	9.99	11.4	11.9	11.7	10.8	9.19	6.94	4.80	3.00	1.75	0.72	0.11	103	94.0		
-70	0.21	0.84	1.65	2.62	3.97	5.37	6.65	7.59	8.01	7.88	7.22	6.12	4.81	3.46	2.15	1.19	0.47	0.08	70.3	54.6		
-80	0.17	0.60	1.08	1.74	2.64	3.56	4.36	4.98	5.37	5.29	4.75	4.00	3.08	2.06	1.12	0.56	0.26	0.06	45.7	10.9		
-90	0.13	0.35	0.48	0.66	1.02	1.40	1.67	1.75	1.73	1.64	1.48	1.24	0.92	0.56	0.28	0.18	0.13	0.04	15.6	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	20	30	40	50	60	70	80	90						
Φ t	4.79	20.8	45.5	83.4	149	249	352	427	464	457	405	317	209	124	70.9	37.9	15.8	2.48	3440			
Φ a	0.00	8.66	34.6	72.8	139	238	341	418	456	449	396	306	198	113	59.9	26.9	3.84	0.00		3268		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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

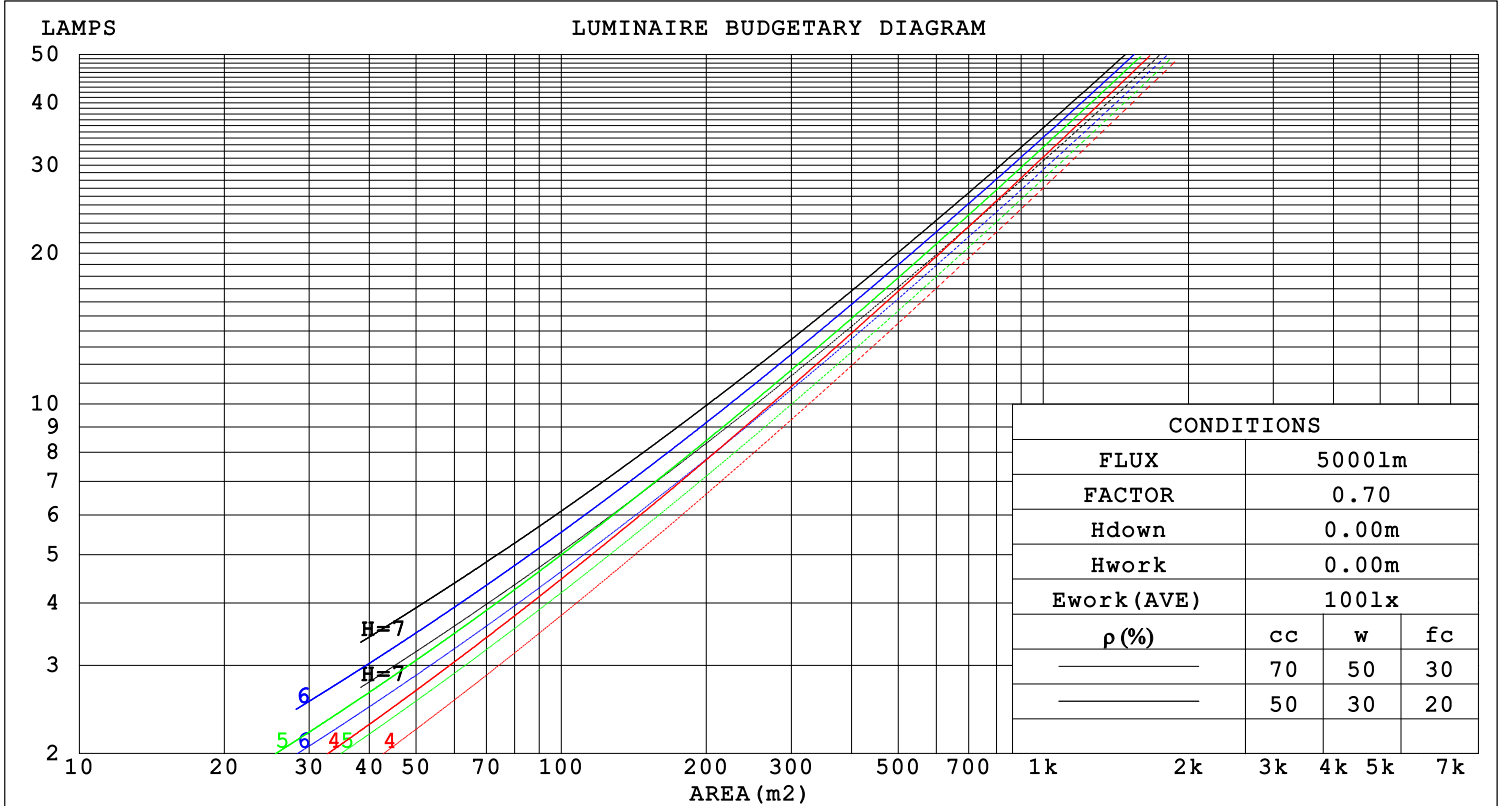


### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.94	.88	.83	.92	.86	.82	.89	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.77	.71	.83	.76	.70	.80	.74	.69	.77	.72	.68	.75	.70	.67	.65
4.0	.76	.68	.62	.75	.67	.62	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.69	.61	.55	.68	.60	.54	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.59	.53	.48	.57	.52	.48	.46
7.0	.58	.50	.44	.57	.49	.44	.55	.49	.44	.54	.48	.43	.53	.47	.43	.41
8.0	.53	.45	.40	.53	.45	.40	.51	.45	.40	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.42	.37	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
10.0	.46	.38	.34	.45	.38	.34	.44	.38	.33	.43	.38	.33	.43	.37	.33	.32



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2					TYPE: .5W 3K CRI90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*95*42					SERIAL No.:				

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.278	.158	.050	.271	.154	.049	.258	.148	.047	.246	.142	.045	.234	.136	.044	
2.0	.259	.142	.044	.253	.139	.043	.241	.134	.042	.231	.129	.041	.221	.125	.039	
3.0	.240	.128	.038	.234	.126	.038	.224	.122	.037	.215	.118	.036	.207	.114	.035	
4.0	.222	.116	.034	.218	.114	.034	.209	.111	.033	.201	.108	.033	.193	.105	.032	
5.0	.207	.105	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029	.181	.097	.029	
6.0	.193	.097	.028	.189	.096	.028	.182	.094	.027	.176	.091	.027	.170	.090	.027	
7.0	.181	.089	.025	.178	.088	.025	.171	.087	.025	.166	.085	.025	.160	.083	.024	
8.0	.170	.083	.023	.167	.082	.023	.161	.081	.023	.156	.079	.023	.151	.078	.023	
9.0	.160	.077	.022	.158	.077	.022	.153	.075	.021	.148	.074	.021	.144	.073	.021	
10.0	.151	.073	.020	.149	.072	.020	.145	.071	.020	.140	.070	.020	.136	.069	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.168	.132	.102	.144	.114	.088	.099	.079	.062	.057	.046	.036	.018	.015	.012	
3.0	.159	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.062	.129	.087	.054	.089	.060	.038	.051	.035	.023	.017	.012	.007	
5.0	.142	.090	.051	.122	.078	.044	.084	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.129	.074	.036	.111	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.122	.068	.031	.105	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.101	.055	.023	.070	.038	.017	.041	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2					TYPE: .5W 3K CRI90			WEIGHT:		
SPECIFICATION:					DIMENSION: 1200*95*42			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	17.9	19.3	18.2	19.5	19.7	18.2	19.5	18.4	19.7	19.9
3H	19.4	20.7	19.7	20.9	21.1	19.7	20.9	20.0	21.1	21.4
4H	20.3	21.5	20.6	21.7	21.9	20.6	21.7	20.9	22.0	22.2
6H	21.0	22.1	21.3	22.4	22.7	21.3	22.4	21.6	22.7	22.9
8H	21.2	22.3	21.5	22.5	22.8	21.4	22.5	21.7	22.8	23.0
12H	21.3	22.4	21.7	22.7	23.0	21.5	22.5	21.8	22.8	23.1
4H 2H	18.4	19.6	18.7	19.8	20.1	18.6	19.8	18.9	20.0	20.2
3H	20.0	21.1	20.4	21.4	21.7	20.3	21.4	20.7	21.6	21.9
4H	21.0	22.0	21.4	22.3	22.6	21.4	22.3	21.8	22.7	23.0
6H	21.9	22.7	22.3	23.1	23.4	22.3	23.1	22.7	23.5	23.8
8H	22.1	22.8	22.5	23.2	23.6	22.4	23.2	22.8	23.6	23.9
12H	22.2	23.0	22.7	23.3	23.7	22.5	23.3	23.0	23.6	24.0
8H 4H	21.3	22.1	21.7	22.4	22.8	21.6	22.4	22.1	22.8	23.2
6H	22.2	22.8	22.6	23.2	23.7	22.6	23.3	23.1	23.7	24.1
8H	22.4	23.0	22.8	23.4	23.8	22.8	23.4	23.3	23.8	24.3
12H	22.6	23.1	23.1	23.6	24.0	23.0	23.5	23.5	24.0	24.4
12H 4H	21.3	22.0	21.7	22.4	22.8	21.6	22.4	22.1	22.7	23.1
6H	22.2	22.8	22.7	23.2	23.6	22.6	23.2	23.1	23.6	24.1
8H	22.4	22.9	22.9	23.4	23.8	22.9	23.4	23.3	23.8	24.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.6 / - 0.3					+ 0.4 / - 0.4				

CIE Pub.117 Corrected 3440 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.3)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	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	67	57	51	66	56	50	65	56	50	45
0.80	76	66	60	75	66	60	73	65	59	53
1.00	83	74	67	82	73	67	80	74	67	60
1.25	89	80	74	88	80	74	85	78	73	67
1.50	93	85	79	92	84	79	89	83	78	71
2.00	99	92	86	97	91	85	94	88	84	77
2.50	102	95	90	100	94	89	97	92	88	80
3.00	105	99	94	103	97	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

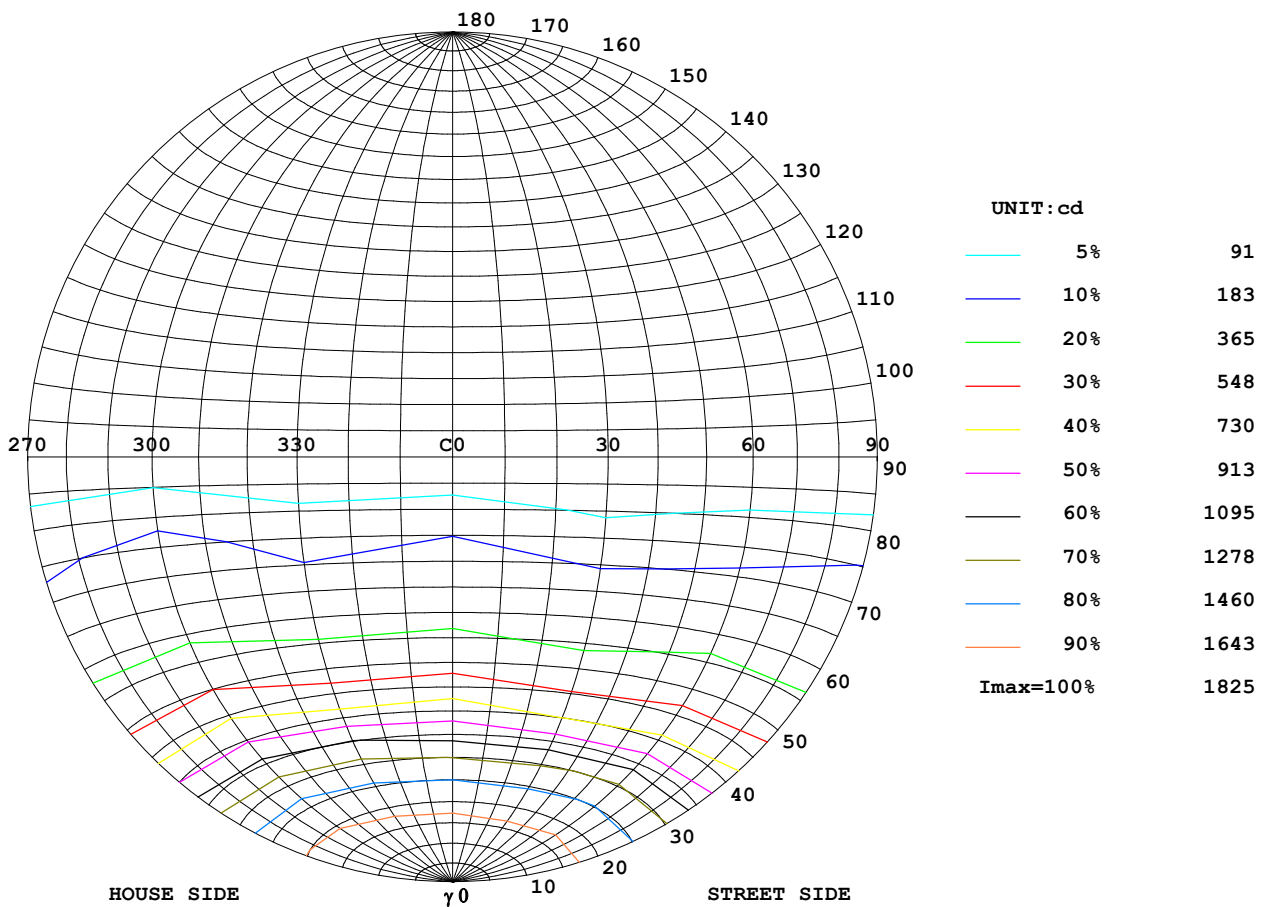
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

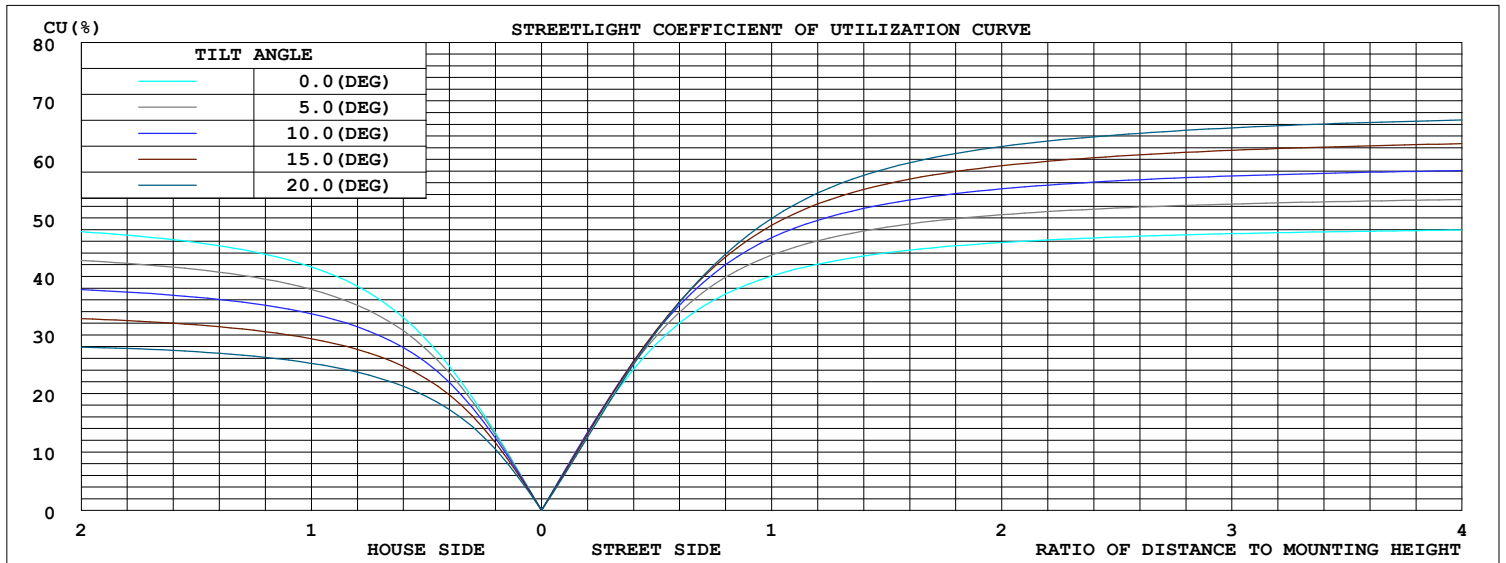
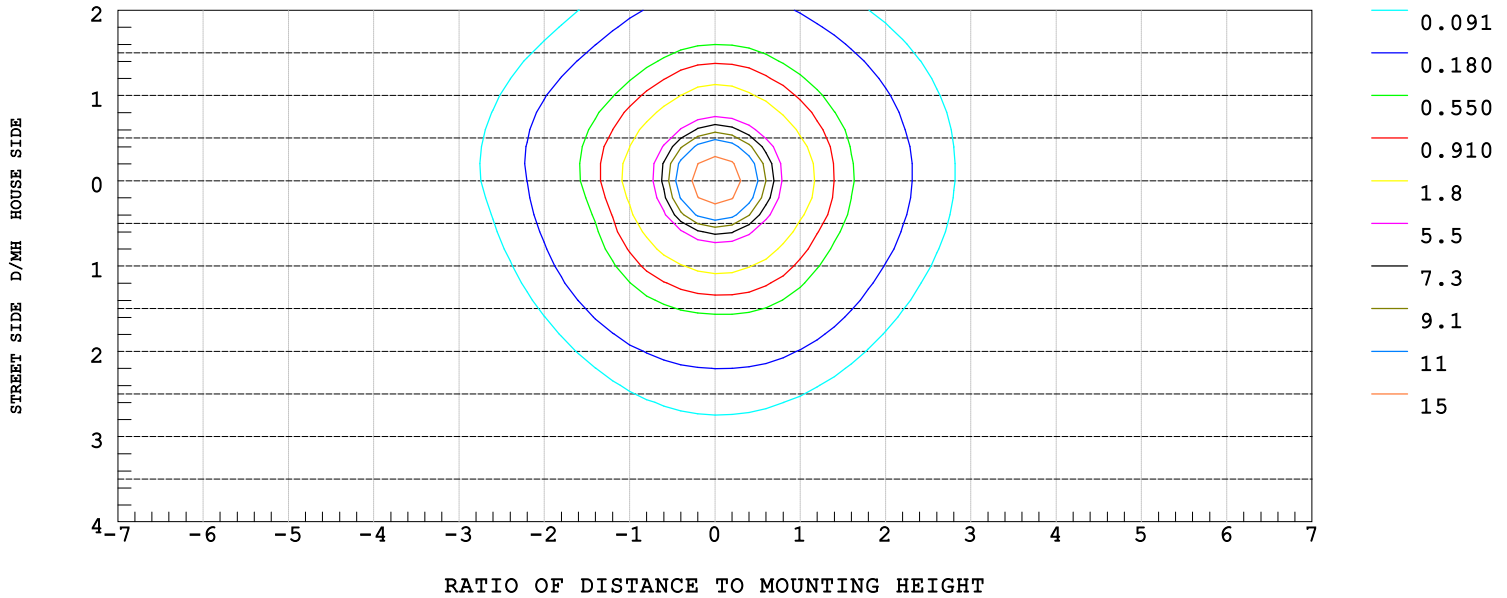
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 3000K

### ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 18.25 lx



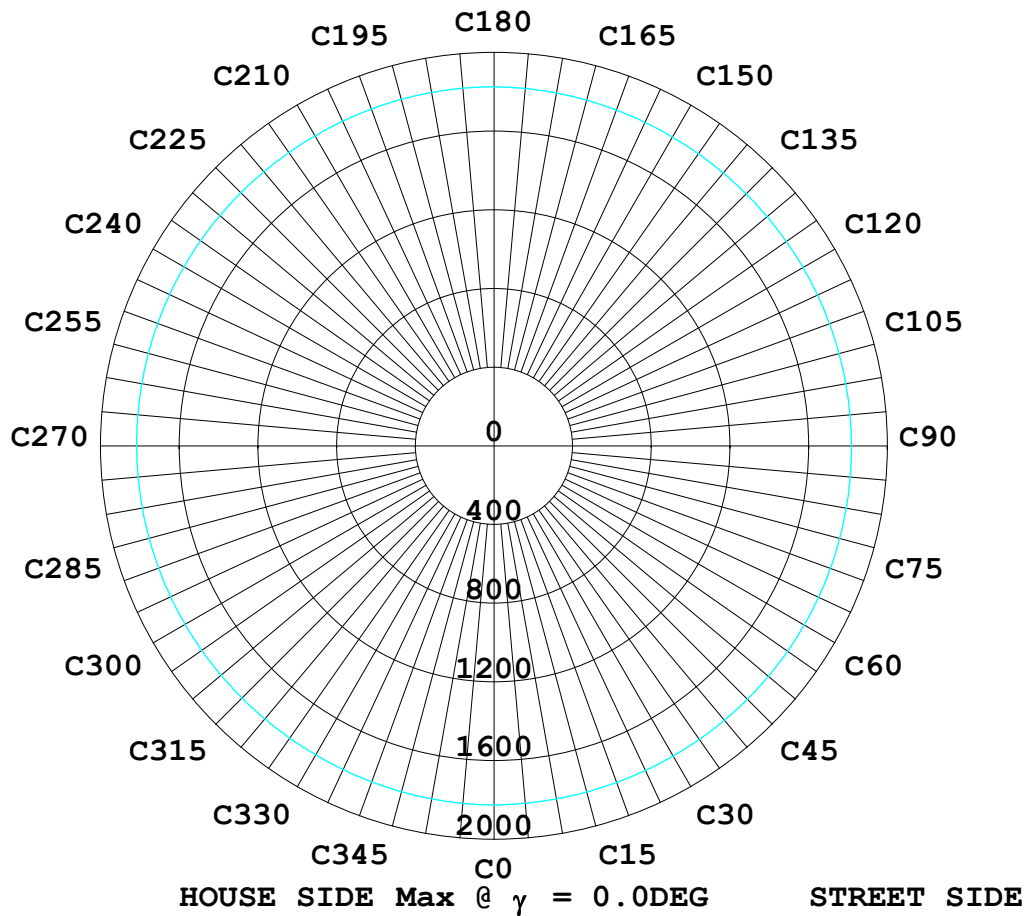
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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: 1021-1-2-1-2	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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:

<b>MANUFACTURER: DIVINITY LIGHTS</b>		
<b>Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005</b>		
<b>NAME: 1021-1-2-1-2</b>	<b>TYPE: .5W 3K CRI90</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1200*95*42</b>	<b>SERIAL No.:</b>

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1825	1820	1821	1817	1814	1813	1825	1820	1821	1817	1814	1813
5.0	1804	1798	1803	1799	1805	1805	1825	1821	1815	1808	1799	1799
10.0	1756	1748	1759	1756	1771	1774	1802	1799	1784	1774	1759	1760
15.0	1686	1676	1691	1688	1713	1719	1754	1751	1726	1714	1694	1697
20.0	1589	1577	1594	1592	1628	1638	1683	1680	1645	1631	1605	1611
25.0	1460	1444	1467	1465	1514	1531	1587	1583	1536	1519	1485	1495
30.0	1274	1266	1297	1294	1368	1395	1460	1458	1394	1371	1328	1340
35.0	1027	997	1026	1028	1145	1200	1288	1292	1199	1145	1101	1114
40.0	826	728	765	811	877	917	1036	1034	912	891	804	838
45.0	641	557	592	638	659	666	809	741	674	705	601	616
50.0	471	434	473	479	521	506	620	561	523	544	474	485
55.0	387	337	388	384	423	398	447	438	415	416	378	392
60.0	325	280	317	312	345	316	363	351	325	342	296	324
65.0	260	230	244	259	268	263	304	286	258	285	234	259
70.0	225	174	192	226	211	209	246	240	206	244	186	202
75.0	181	131	159	184	170	155	203	182	165	213	150	157
80.0	131	77.7	107	126	127	115	171	141	128	157	108	109
85.0	57.3	19.4	40.9	45.7	68.0	59.3	118	89.0	71.7	89.7	46.9	50.0
90.0	11.4	5.05	10.1	4.51	10.7	6.49	53.0	26.1	9.47	12.0	4.69	10.5

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-21-2023

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