

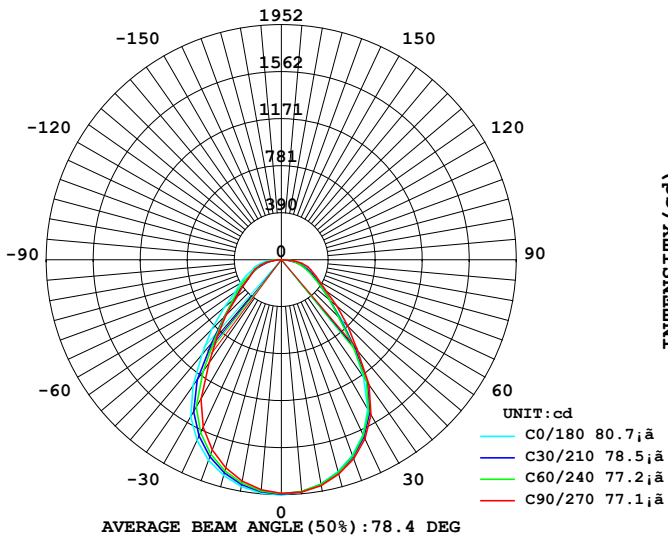
### LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

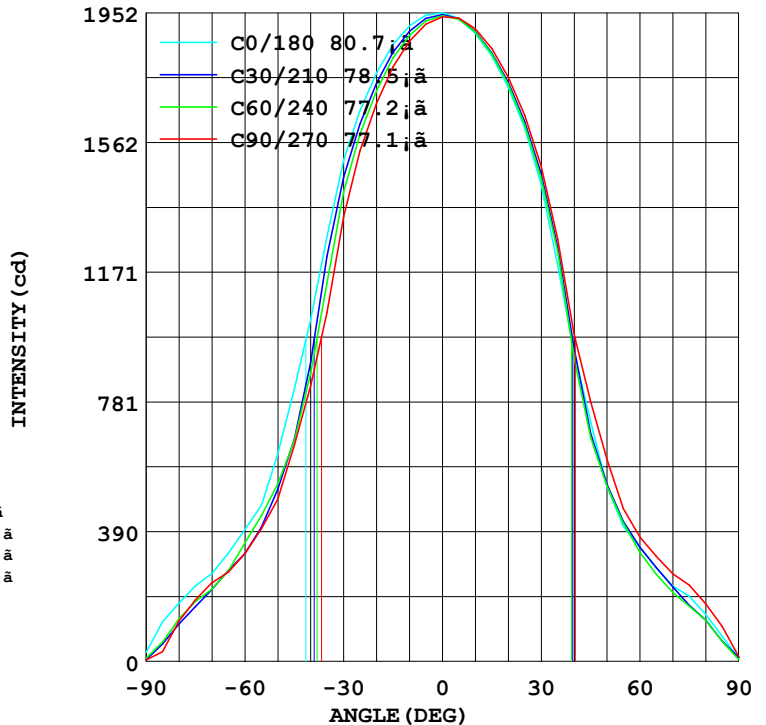
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1952	S/MH (C0/180)	1.16
MODEL	1021-1-2-3-2	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.07
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	3668.8	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	121.0	Current (A)	0.140
NOMINAL FLUX (lm)	3668.8	η up (%)	0.0	Power (W)	30.33
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	3496.1	EET	0.118

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

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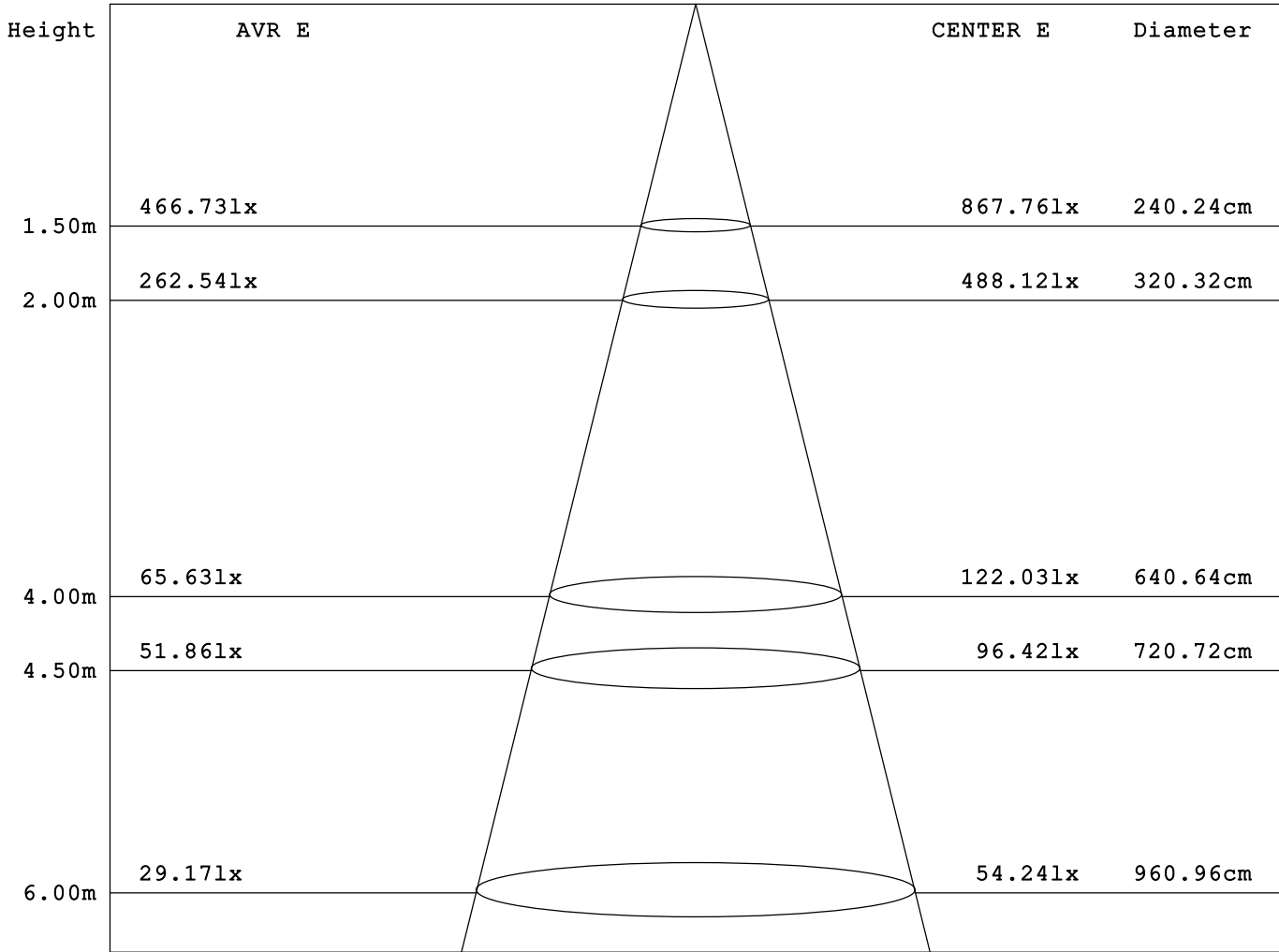
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Angle:77.4deg

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1914	1891	1867	1859	1892	1896	1905	1905	0- 10	182.8	182.8
20.0	1772	1729	1680	1679	1730	1741	1760	1773	10- 20	513.4	696.3
30.0	1509	1436	1338	1361	1437	1462	1491	1524	20- 30	736.8	1433
40.0	1029	884.1	829.9	794.6	932.9	929.1	986.2	1045	30- 40	745.4	2179
50.0	623.9	525.7	488.3	477.6	527.2	530.1	608.4	588.6	40- 50	551.8	2730
60.0	396.1	340.0	324.2	315.0	342.9	335.5	373.9	379.5	50- 60	389.6	3120
70.0	264.3	216.7	236.8	191.1	226.8	215.6	263.0	239.2	60- 70	282.3	3402
80.0	175.0	119.9	120.9	94.58	140.6	123.5	173.2	146.1	70- 80	191.0	3594
90.0	27.88	7.942	4.783	7.716	9.837	8.077	14.07	22.33	80- 90	75.28	3669
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:06-22-2023

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

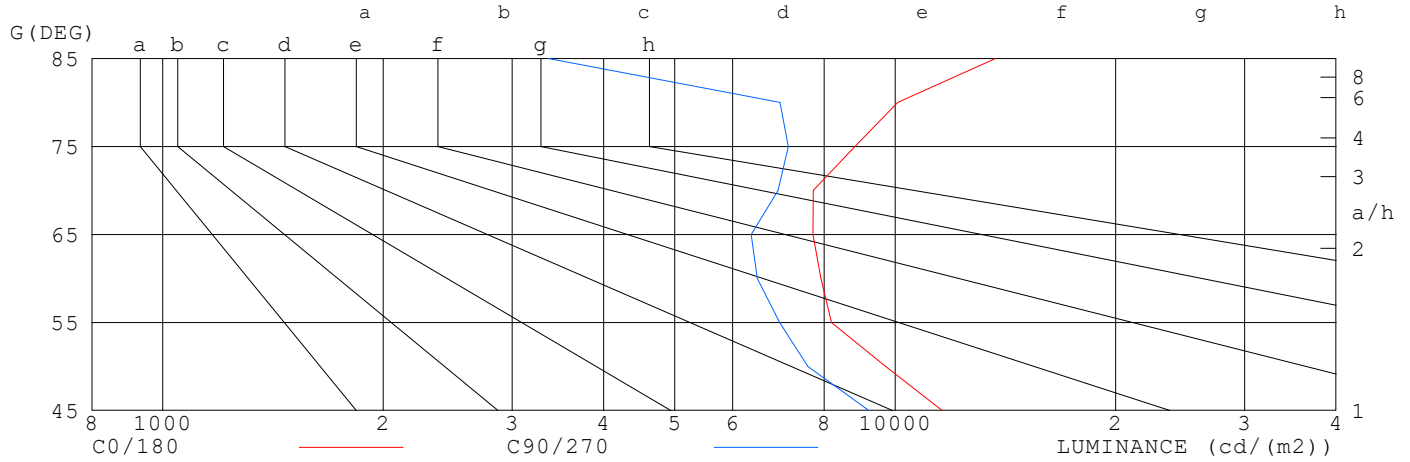
**LUMINANCE LIMITATION CURVES**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SARORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-3-2	TYPE: .5W 4K 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	13700	3365
80	10083	6964
75	8812	7148
70	7729	6924
65	7722	6362
60	7922	6485
55	8190	6955
50	9708	7597
45	11594	9206

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

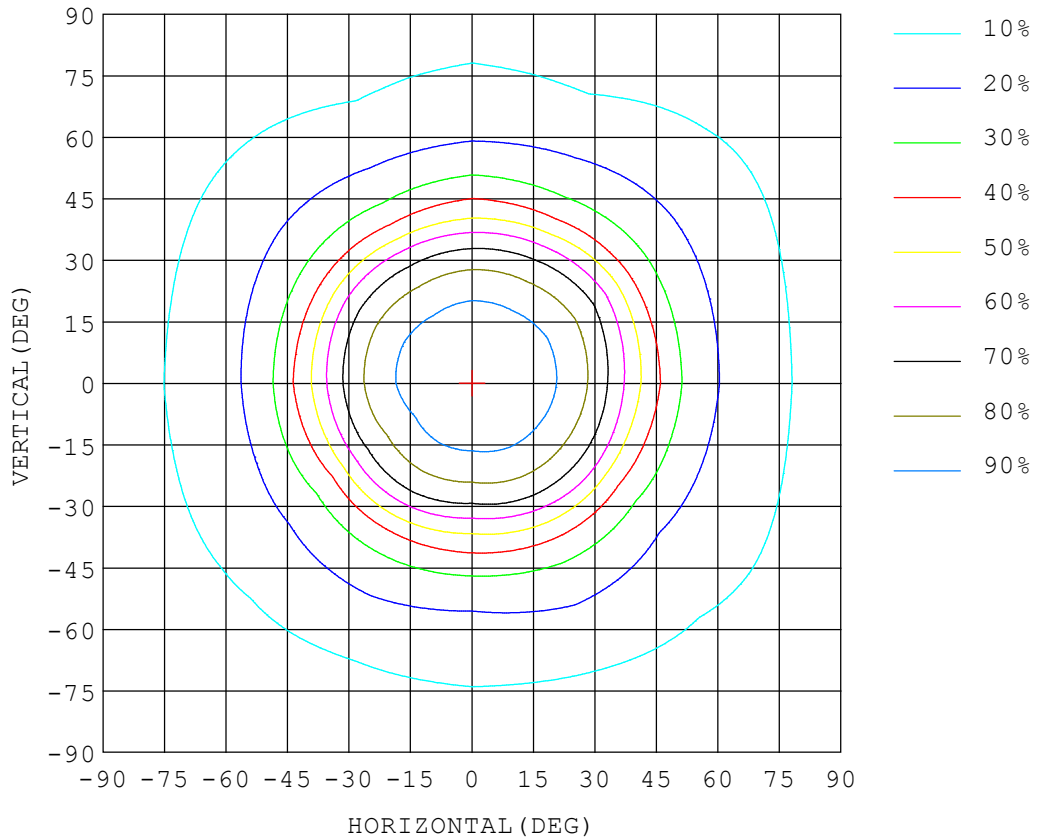
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

UNIT: cd



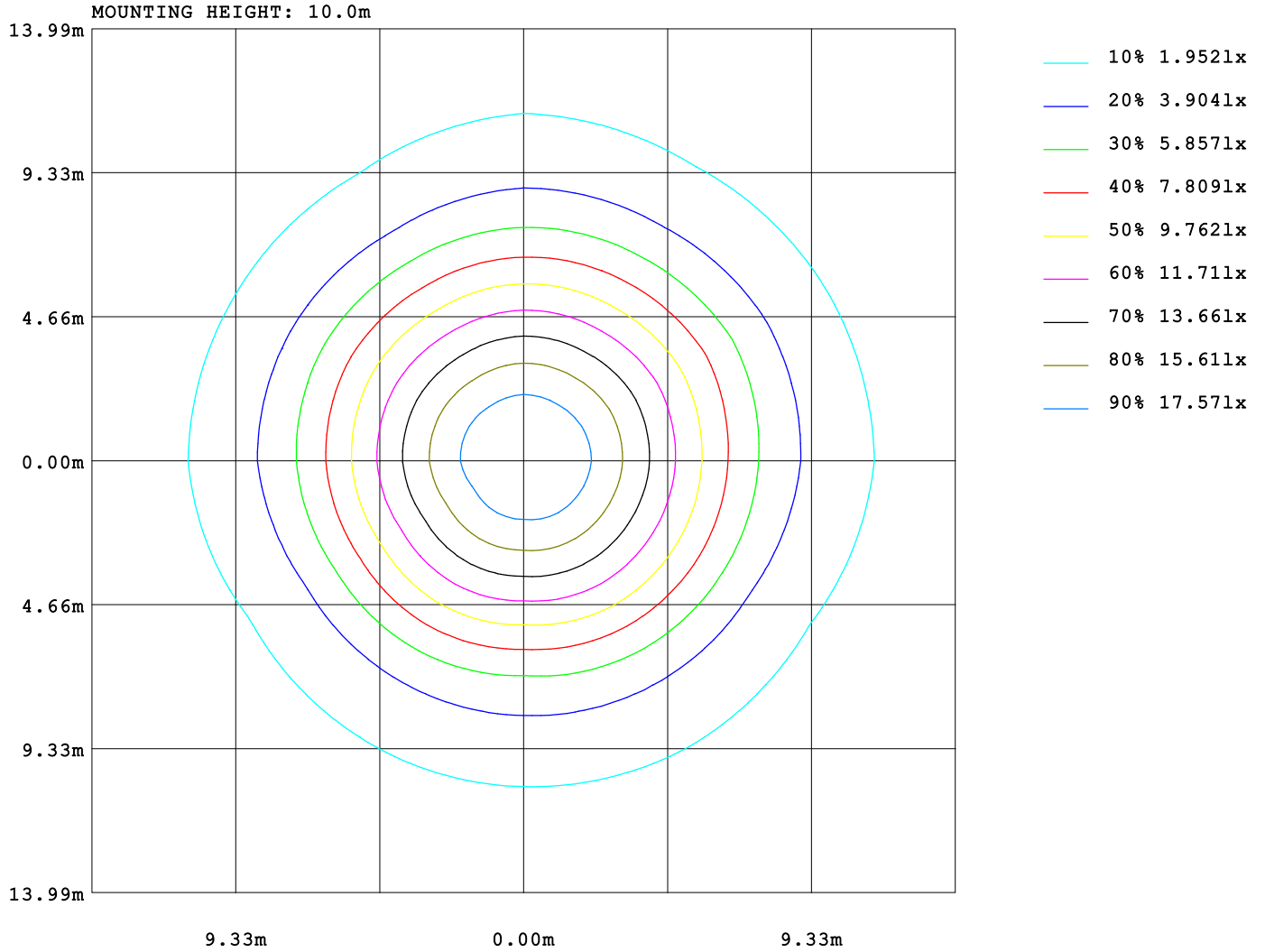
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K 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	0.05	0.20	0.43	0.69	0.99	1.28	1.72	2.31	2.82	2.91	2.57	2.13	1.77	1.48	1.13	0.75	0.39	0.10	23.7	0.00		
80	0.08	0.44	1.03	1.82	2.71	3.53	4.45	5.56	6.46	6.53	5.76	4.77	3.95	3.20	2.33	1.47	0.71	0.15	55.0	17.6		
70	0.12	0.69	1.66	2.81	4.12	5.38	6.66	8.16	9.28	9.41	8.51	7.13	5.89	4.61	3.28	2.05	0.98	0.20	81.0	65.9		
60	0.15	0.93	2.17	3.77	5.69	7.70	9.83	12.1	13.9	14.1	12.8	10.8	8.61	6.41	4.32	2.55	1.19	0.25	118	111		
50	0.18	1.12	2.61	4.73	7.41	10.7	14.6	19.1	22.9	23.3	20.3	16.0	12.0	8.41	5.43	3.02	1.37	0.28	174	170		
40	0.21	1.27	2.99	5.60	9.38	14.9	22.8	31.3	36.9	37.6	33.2	25.2	16.9	10.6	6.42	3.46	1.53	0.31	261	259		
30	0.23	1.39	3.31	6.38	11.6	20.9	33.9	43.4	48.6	49.1	44.9	36.5	24.0	13.3	7.31	3.83	1.65	0.33	351	349		
20	0.25	1.47	3.54	7.01	13.8	26.7	40.9	50.1	54.9	55.2	51.1	43.0	29.6	15.9	8.07	4.09	1.73	0.35	408	407		
10	0.26	1.52	3.66	7.36	15.4	29.4	43.7	53.0	57.9	58.0	53.9	45.3	31.7	17.5	8.54	4.24	1.78	0.35	434	433		
0	0.25	1.50	3.62	7.25	15.0	28.5	42.8	52.0	57.1	57.8	53.4	44.6	30.9	17.0	8.38	4.19	1.77	0.35	427	426		
-10	0.24	1.44	3.42	6.70	12.9	24.1	38.2	48.1	53.3	53.9	49.7	40.8	26.9	14.7	7.62	3.94	1.69	0.34	389	387		
-20	0.22	1.33	3.12	5.94	10.4	17.9	29.9	40.6	45.6	46.1	42.1	32.6	20.3	11.7	6.65	3.60	1.59	0.32	321	318		
-30	0.20	1.19	2.74	5.07	8.30	13.2	20.0	27.3	31.8	32.3	28.8	21.9	14.6	9.11	5.64	3.19	1.44	0.30	228	224		
-40	0.17	1.01	2.33	4.13	6.64	9.91	13.5	17.0	19.4	19.7	17.9	14.7	10.8	7.21	4.68	2.73	1.26	0.27	154	149		
-50	0.14	0.79	1.87	3.15	5.07	7.30	9.57	11.2	12.1	12.3	11.8	10.3	7.91	5.64	3.69	2.24	1.05	0.23	107	97.1		
-60	0.10	0.54	1.29	2.28	3.61	5.01	6.38	7.53	8.20	8.31	7.83	6.83	5.54	4.15	2.73	1.67	0.83	0.18	73.0	55.0		
-70	0.07	0.31	0.62	1.19	2.12	3.10	4.01	4.79	5.35	5.46	5.10	4.51	3.67	2.66	1.68	1.03	0.56	0.13	46.4	8.35		
-80	0.04	0.14	0.20	0.28	0.53	0.84	1.11	1.28	1.38	1.47	1.53	1.50	1.27	0.91	0.59	0.41	0.27	0.09	13.8	0.00		
-90																						
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90			
Φ t	2.96	17.3	40.6	76.2	136	231	345	436	488	494	452	369	257	155	88.5	48.5	21.8	4.53	3669			
Φ a	0.00	4.06	28.2	64.1	124	219	333	425	480	485	442	358	245	144	77.3	37.7	9.98	0.00			3496	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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

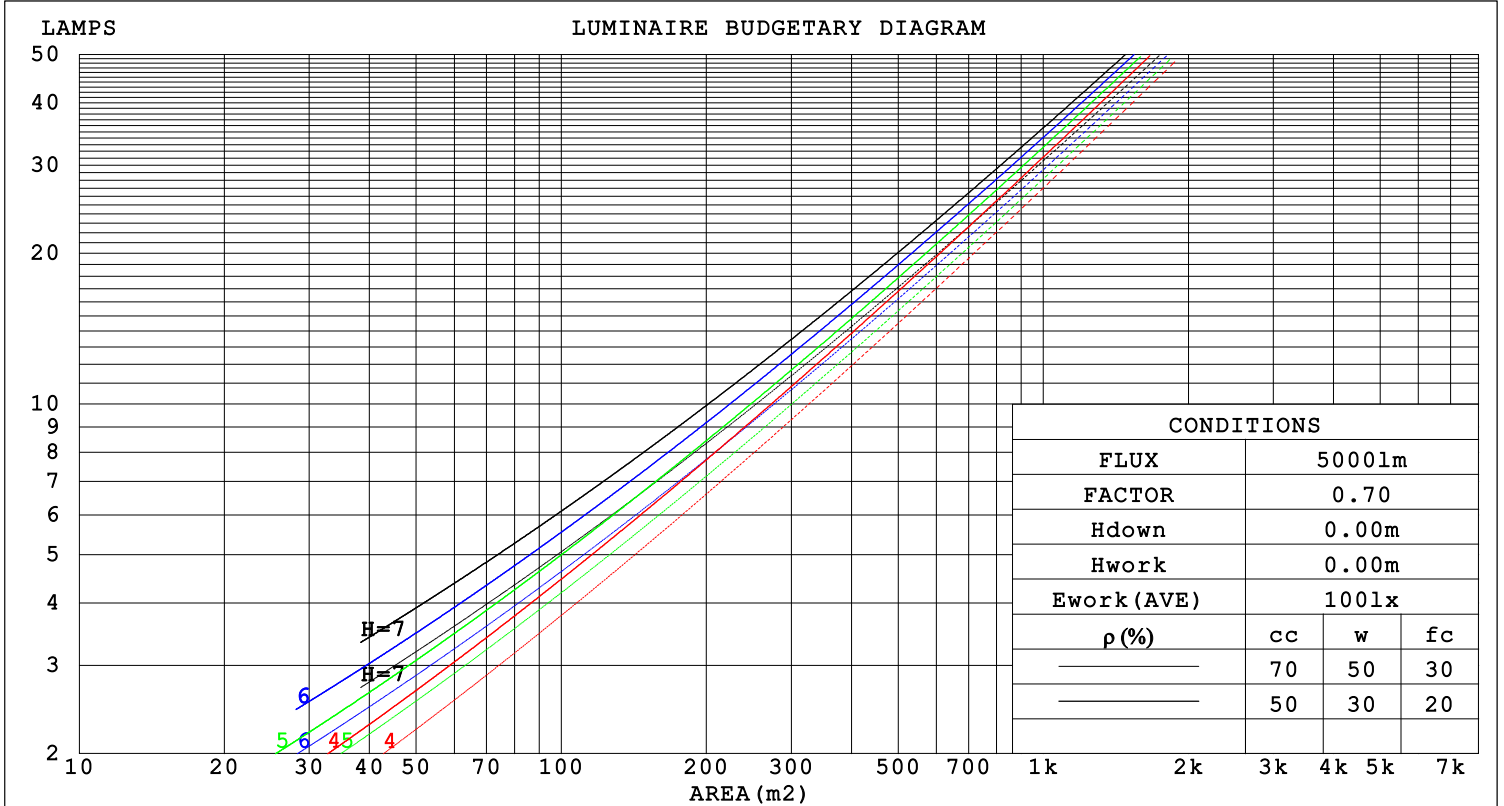


### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-3-2	TYPE: .5W 4K 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	.38
9.0	.49	.42	.37	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.34
10.0	.46	.39	.34	.45	.38	.34	.44	.38	.33	.44	.38	.33	.43	.37	.33	.32



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2					TYPE: .5W 4K 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.277	.158	.050	.270	.154	.049	.257	.148	.047	.245	.141	.045	.234	.136	.044	
2.0	.259	.142	.043	.252	.139	.043	.241	.134	.042	.231	.129	.040	.221	.125	.039	
3.0	.240	.128	.038	.234	.125	.038	.224	.122	.037	.215	.118	.036	.207	.114	.035	
4.0	.222	.115	.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	.089	.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	

$\rho_{cc}$	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						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	.082	.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	.016	.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:06-22-2023

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: 1021-1-2-3-2					TYPE: .5W 4K 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	19.1	20.4	19.3	20.6	20.8	18.6	19.9	18.8	20.1	20.3
3H	20.5	21.8	20.8	22.0	22.2	20.0	21.3	20.3	21.5	21.7
4H	21.4	22.6	21.7	22.8	23.1	20.8	22.0	21.1	22.3	22.5
6H	22.3	23.4	22.6	23.7	23.9	21.5	22.6	21.8	22.9	23.1
8H	22.8	23.9	23.2	24.2	24.5	21.5	22.6	21.8	22.9	23.1
12H	23.2	24.3	23.6	24.6	24.9	21.5	22.5	21.9	22.8	23.1
4H 2H	19.5	20.7	19.8	20.9	21.1	19.0	20.2	19.3	20.4	20.7
3H	21.1	22.1	21.5	22.4	22.7	20.7	21.8	21.1	22.1	22.4
4H	22.1	23.1	22.5	23.4	23.7	21.7	22.7	22.1	23.0	23.3
6H	23.2	24.0	23.6	24.4	24.7	22.5	23.4	22.9	23.7	24.1
8H	23.8	24.6	24.2	25.0	25.3	22.6	23.4	23.0	23.8	24.1
12H	24.3	25.0	24.7	25.4	25.8	22.7	23.4	23.1	23.8	24.2
8H 4H	22.4	23.2	22.8	23.5	23.9	22.1	22.9	22.5	23.2	23.6
6H	23.6	24.2	24.0	24.6	25.1	23.0	23.7	23.5	24.1	24.5
8H	24.3	24.8	24.7	25.3	25.7	23.2	23.8	23.7	24.2	24.6
12H	24.8	25.4	25.3	25.8	26.3	23.3	23.8	23.8	24.3	24.7
12H 4H	22.4	23.1	22.8	23.5	23.9	22.1	22.8	22.5	23.2	23.6
6H	23.6	24.2	24.1	24.6	25.1	23.1	23.7	23.6	24.1	24.6
8H	24.3	24.8	24.8	25.3	25.8	23.3	23.8	23.8	24.3	24.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.5 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 3669 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.5)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K 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	61
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	96	90	100	94	89	97	92	88	80
3.00	105	99	94	103	98	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			

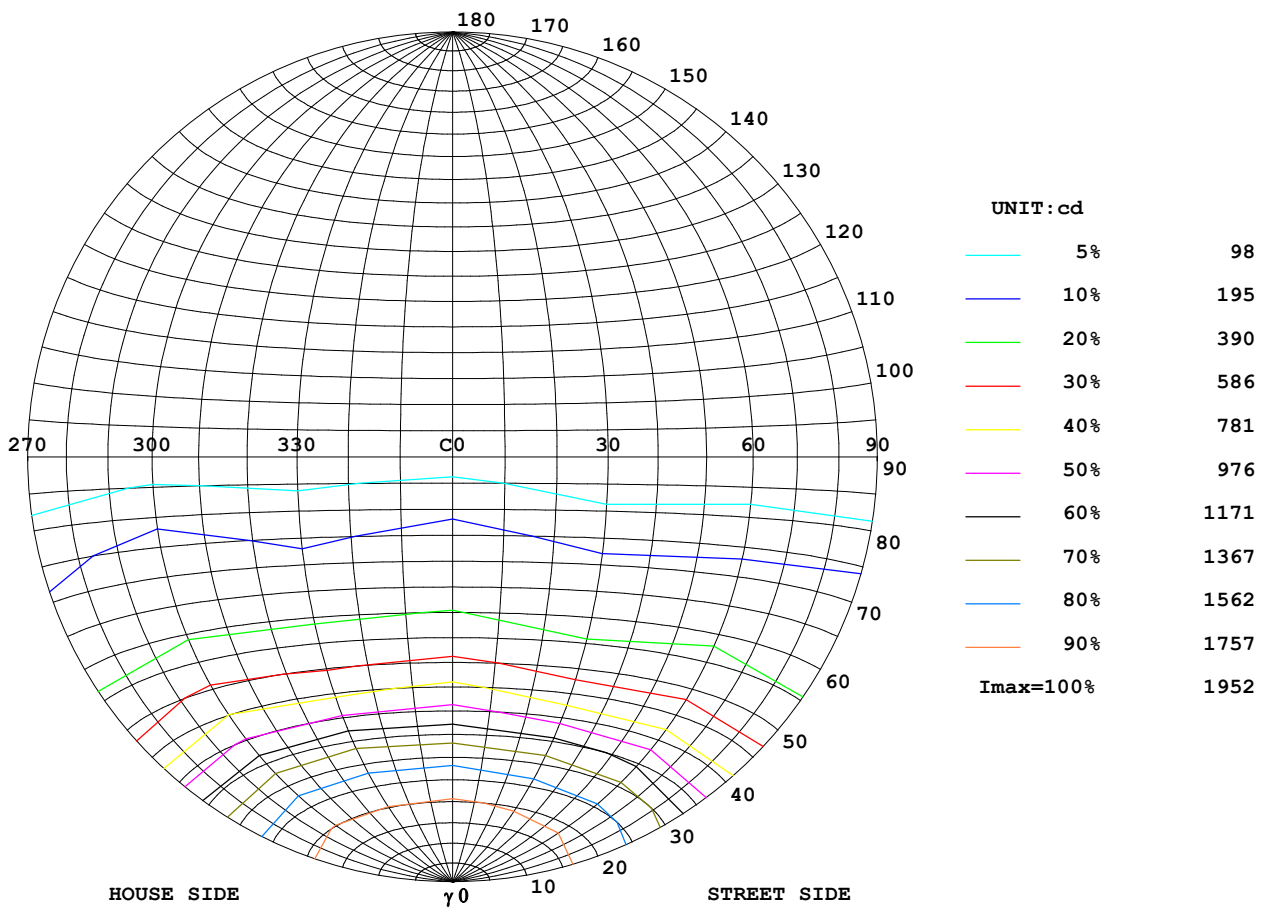
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

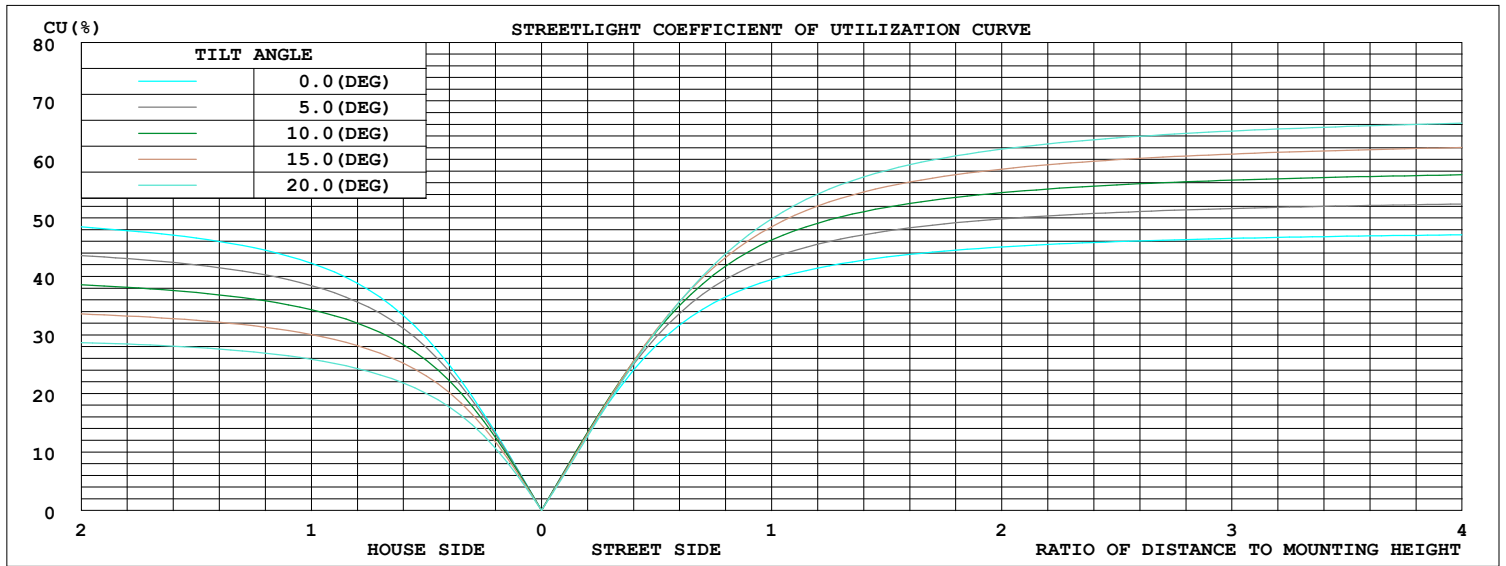
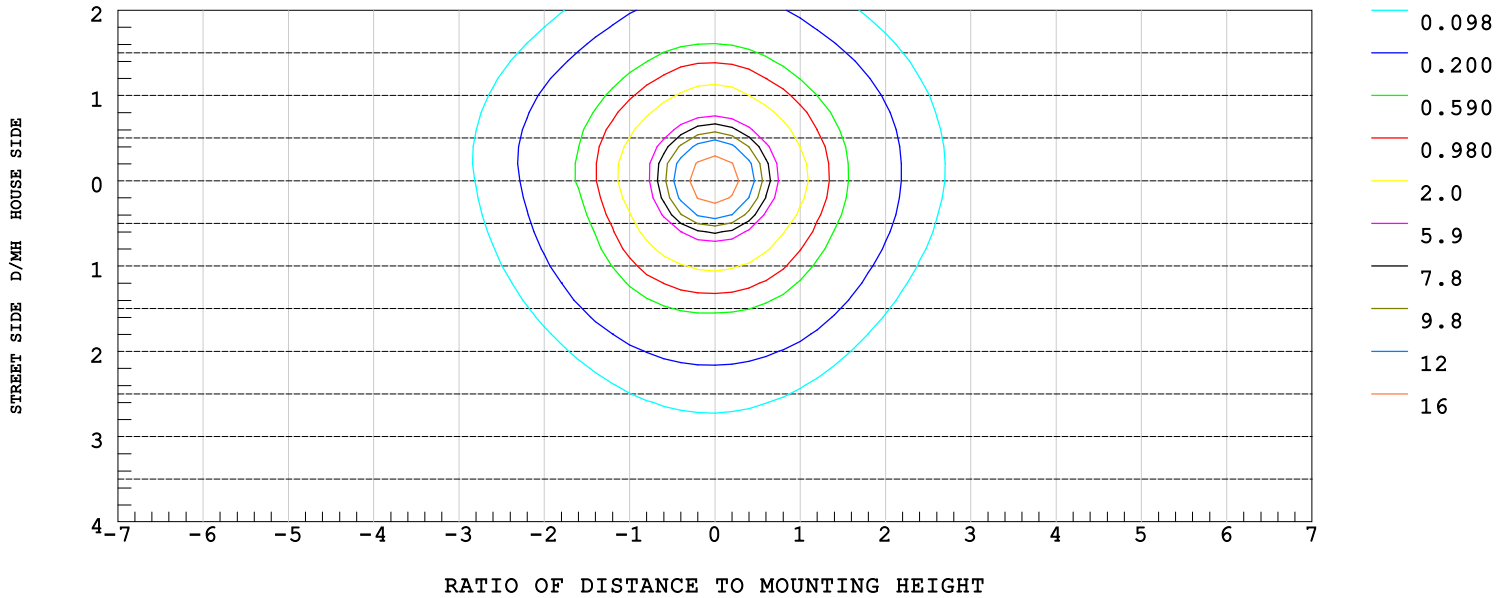
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000K

### ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 19.52 lx



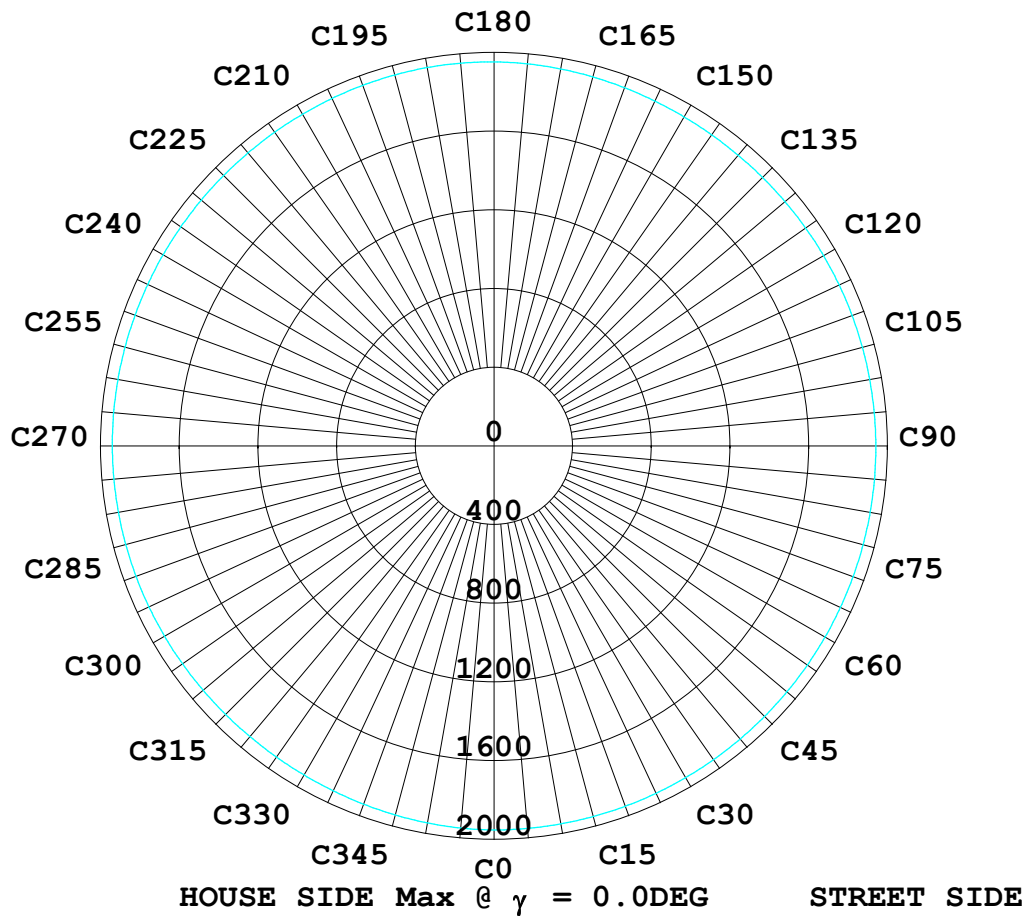
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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: 1021-1-2-3-2	TYPE: .5W 4K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*95*42	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-22-2023

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:

<b>MANUFACTURER: DIVINITY LIGHTS</b>		
<b>Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005</b>		
<b>NAME: 1021-1-2-3-2</b>	<b>TYPE: .5W 4K CRI90</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 1200*95*42</b>	<b>SERIAL No.:</b>

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1952	1948	1943	1940	1935	1932	1952	1948	1943	1940	1935	1932
5.0	1945	1935	1928	1918	1912	1906	1935	1935	1932	1937	1931	1932
10.0	1914	1897	1885	1867	1864	1855	1892	1897	1895	1905	1901	1909
15.0	1856	1833	1816	1789	1789	1778	1823	1832	1829	1845	1844	1859
20.0	1772	1741	1718	1680	1684	1674	1730	1743	1738	1760	1762	1784
25.0	1659	1617	1587	1537	1546	1538	1605	1625	1615	1644	1649	1681
30.0	1509	1458	1413	1338	1364	1359	1437	1468	1455	1491	1503	1545
35.0	1278	1220	1139	1050	1077	1085	1192	1247	1233	1271	1307	1363
40.0	1029	901	868	830	803	786	933	943	915	986	1000	1089
45.0	820	669	665	651	618	592	721	686	674	782	739	798
50.0	624	518	534	488	493	462	527	533	527	608	573	604
55.0	470	404	438	399	403	372	407	422	417	460	454	480
60.0	396	324	356	324	330	300	343	343	328	374	368	391
65.0	326	274	273	269	256	245	281	283	262	316	283	325
70.0	264	217	217	237	200	183	227	224	207	263	223	256
75.0	228	165	181	185	161	139	196	169	166	230	176	197
80.0	175	112	127	121	105	84.4	141	123	124	173	140	152
85.0	119	52.6	57.9	29.3	34.8	19.9	75.9	61.0	60.4	106	82.6	95.1
90.0	27.8	5.32	10.5	4.78	10.1	5.23	9.83	11.1	5.05	14.0	15.5	29.1

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
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Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 4000K