

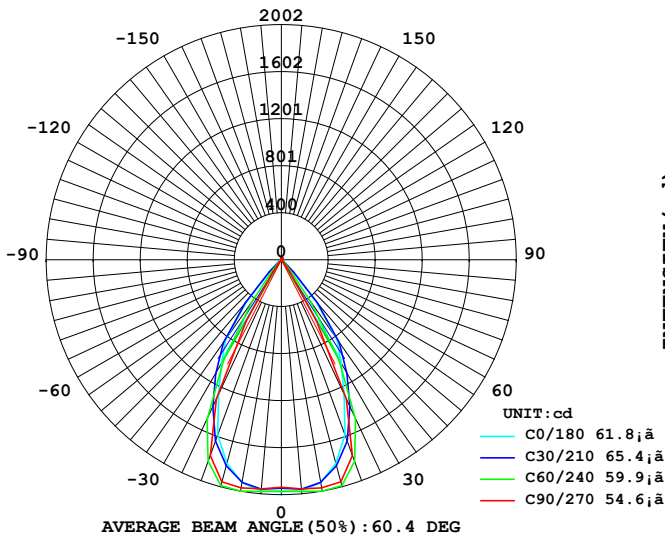
**LUMINAIRE PHOTOMETRIC TEST REPORT**

Report number:

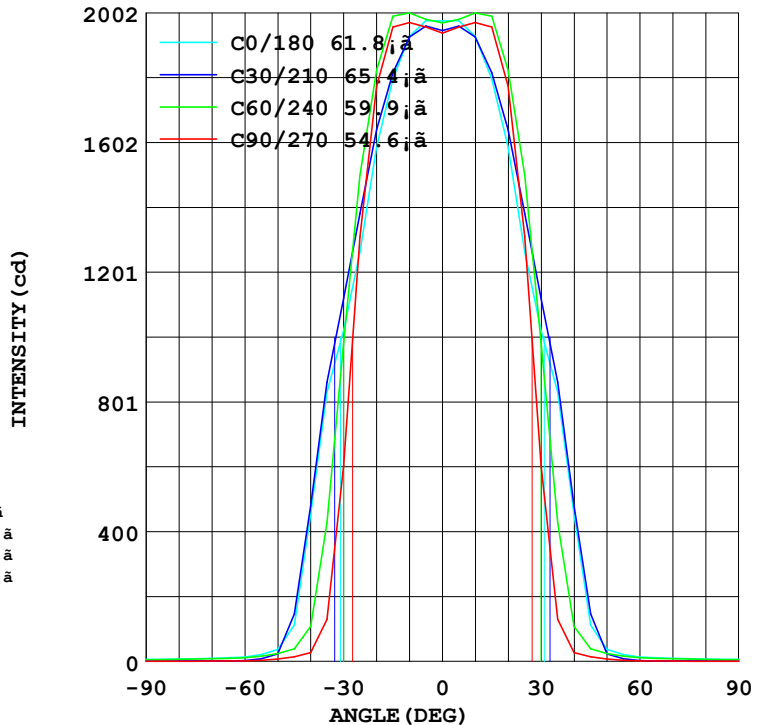
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

DATA OF LAMP		Imax (cd)	2002	S/MH (C0/180)	0.91
MODEL	1011-1-2-1-2-3	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.79
NOMINAL POWER (W)	15	TOTAL FLUX (lm)	1874.6	Voltage (V)	218.6
RATED VOLTAGE (V)	218	EFFICIENCY (lm/W)	120.2	Current (A)	0.088
NOMINAL FLUX (lm)	1874.6	$\eta$ up (%)	2.5	Power (W)	15.60
LAMPS QUANTITY	1	$\eta$ down (%)	97.5	Power Factor (PF)	0.981
TEST VOLTAGE (V)	218.7	Effective Flux (lm)	1765.5	EET	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

**Color Temperature Data List**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

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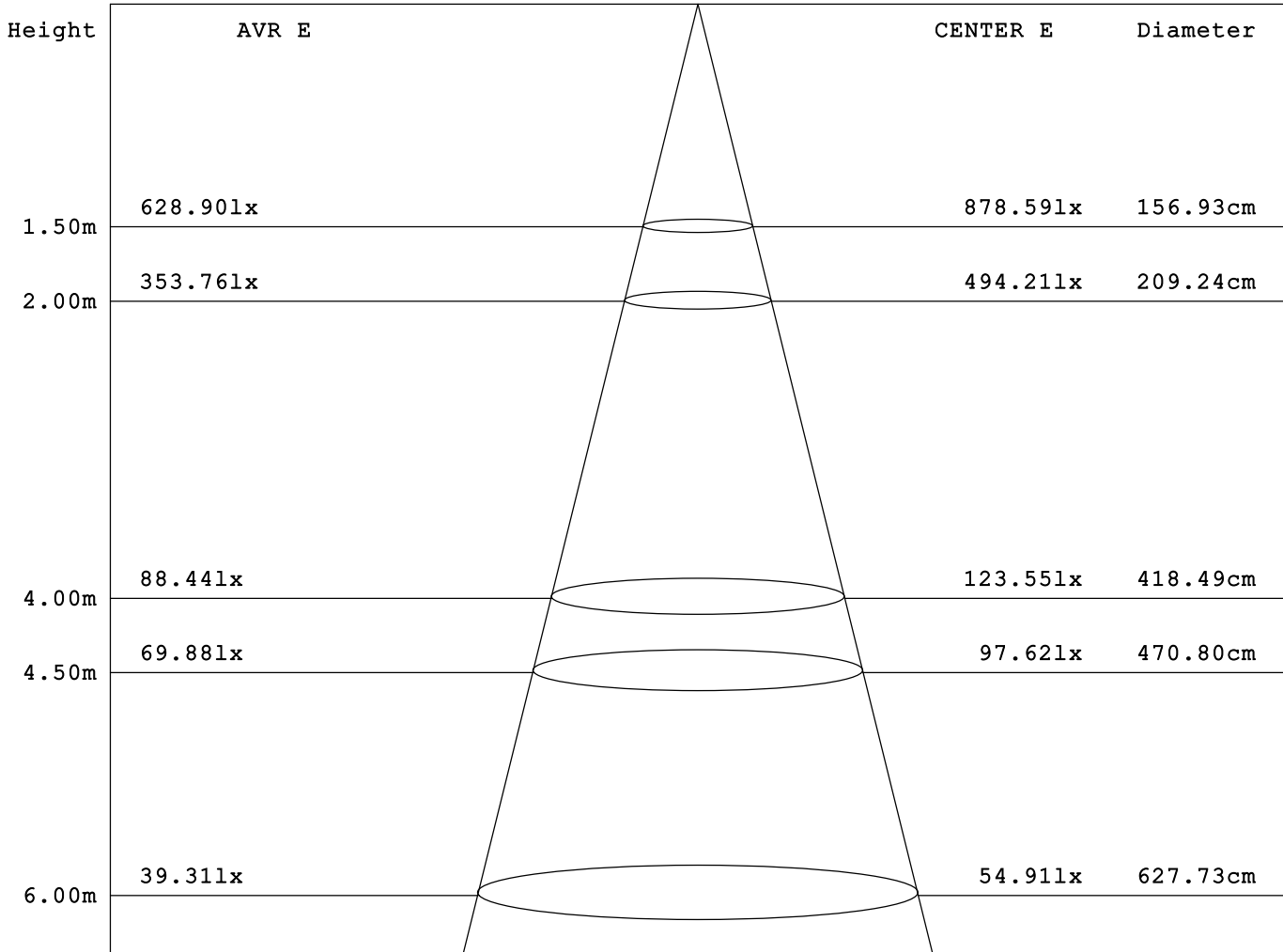
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:05-11-2023

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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



Angle:55.2deg

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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1930	1965	1973	1965	1930	1965	1973	1965	0- 10	187.6	187.6
20.0	1588	1733	1776	1733	1588	1733	1776	1733	10- 20	526.4	714.0
30.0	1022	1053	604.6	1053	1022	1053	604.6	1053	20- 30	624.8	1339
40.0	455.3	294.4	26.71	294.4	455.3	294.4	26.71	294.4	30- 40	374.7	1714
50.0	37.45	23.91	7.310	23.91	37.45	23.91	7.310	23.91	40- 50	87.98	1802
60.0	13.80	6.994	1.805	6.994	13.80	6.994	1.805	6.994	50- 60	12.19	1814
70.0	9.747	4.647	1.083	4.647	9.747	4.647	1.083	4.647	60- 70	5.859	1820
80.0	7.581	3.700	0.902	3.700	7.581	3.700	0.902	3.700	70- 80	4.595	1824
90.0	6.227	3.249	0.902	3.249	6.227	3.249	0.902	3.249	80- 90	3.893	1828
100.0	5.685	3.158	1.263	3.158	5.685	3.158	1.263	3.158	90-100	3.577	1832
110.0	5.866	3.880	2.075	3.880	5.866	3.880	2.075	3.880	100-110	3.733	1836
120.0	7.129	5.460	4.241	5.460	7.129	5.460	4.241	5.460	110-120	4.627	1840
130.0	9.205	7.851	7.129	7.851	9.205	7.851	7.129	7.851	120-130	5.978	1846
140.0	11.82	10.69	10.28	10.69	11.82	10.69	10.28	10.69	130-140	7.233	1853
150.0	14.34	13.53	13.35	13.53	14.34	13.53	13.35	13.53	140-150	7.659	1861
160.0	16.87	16.19	15.79	16.19	16.87	16.19	15.79	16.19	150-160	6.887	1868
170.0	19.22	18.41	17.95	18.41	19.22	18.41	17.95	18.41	160-170	4.918	1873
180.0	20.66	19.58	19.13	19.58	20.66	19.58	19.13	19.58	170-180	1.817	1875
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

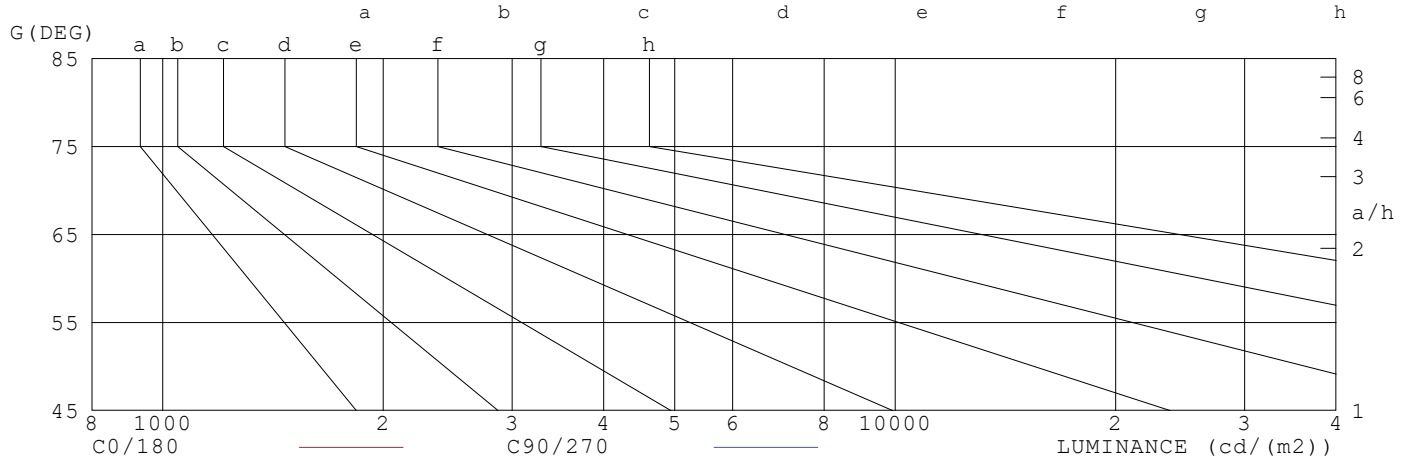
**LUMINANCE LIMITATION CURVES**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	766	104
80	437	52
75	328	35
70	285	32
65	269	34
60	276	36
55	371	57
50	583	114
45	1581	202

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

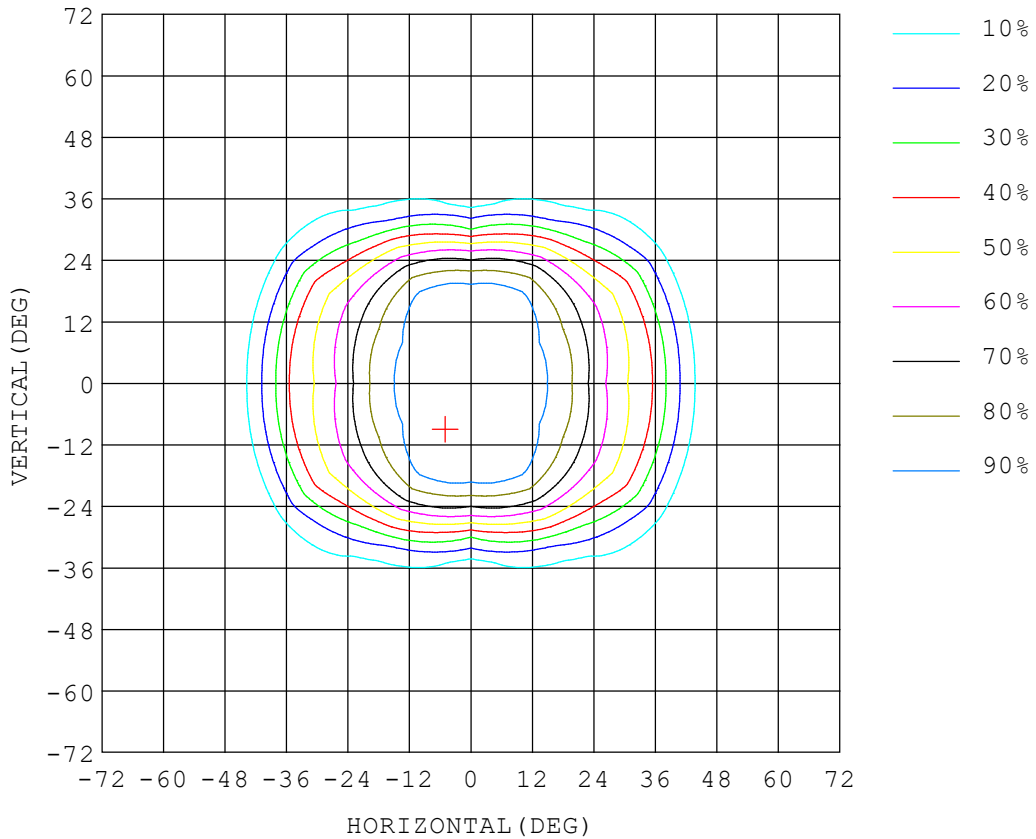
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 3000K

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

UNIT: cd



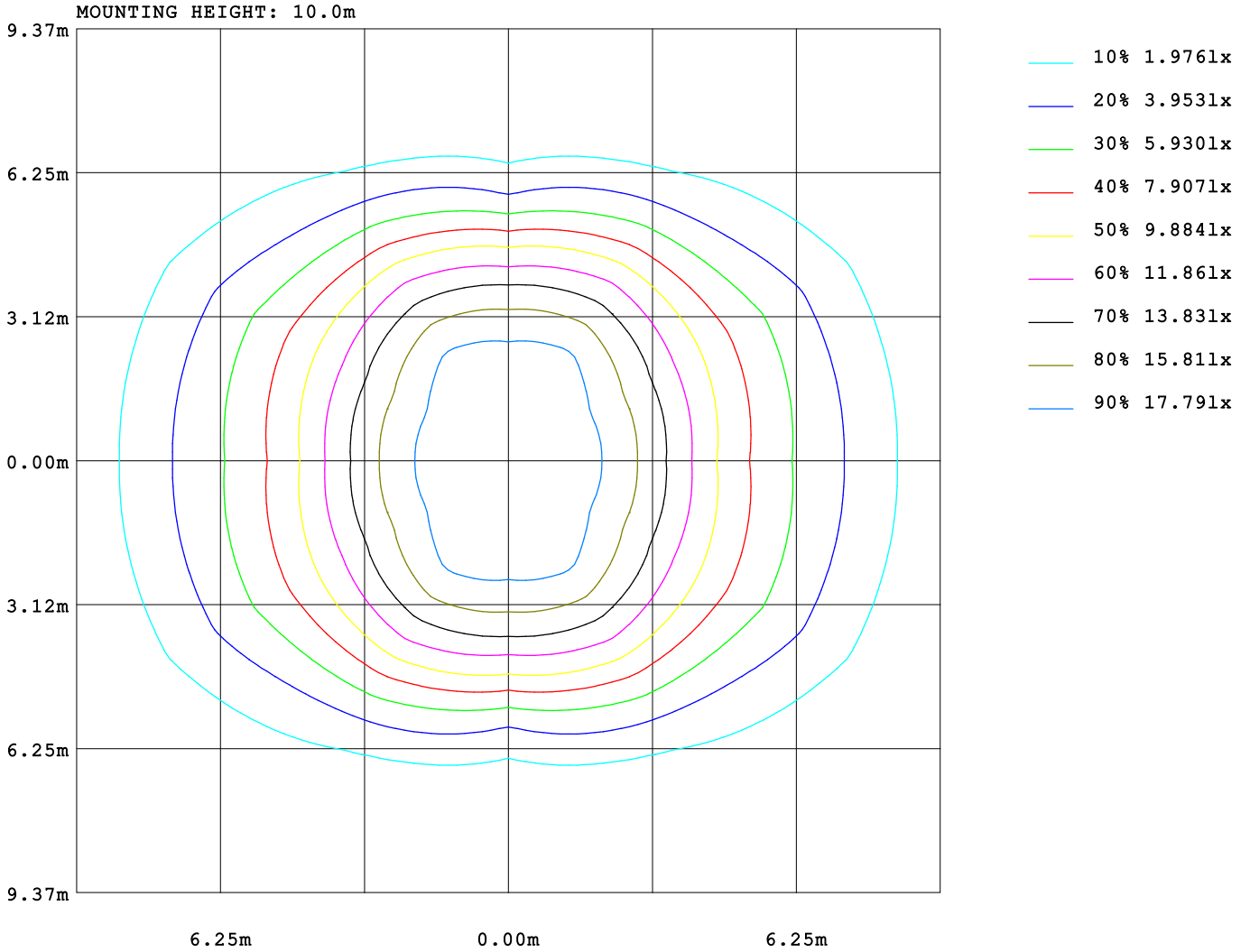
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-11-2023

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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.02	0.03	0.06	0.09	0.13	0.11	0.08	0.04	0.04	0.08	0.11	0.13	0.09	0.06	0.03	0.02	0.02	1.16	0.00		
72	0.02	0.02	0.03	0.06	0.09	0.13	0.11	0.08	0.04	0.04	0.08	0.11	0.13	0.09	0.06	0.03	0.02	0.02	1.16	0.00		
64	0.02	0.02	0.03	0.06	0.10	0.16	0.15	0.12	0.07	0.07	0.12	0.15	0.16	0.10	0.06	0.03	0.02	0.02	1.45	0.00		
56	0.03	0.03	0.02	0.06	0.13	0.22	0.27	0.24	0.16	0.16	0.24	0.27	0.22	0.13	0.06	0.02	0.03	0.03	2.31	0.00		
48	0.03	0.04	0.03	0.08	0.22	0.45	0.58	0.62	0.48	0.48	0.62	0.58	0.45	0.22	0.08	0.03	0.04	0.03	5.07	0.00		
40	0.04	0.05	0.06	0.16	0.73	1.98	2.87	3.89	3.71	3.71	3.89	2.87	1.98	0.73	0.16	0.06	0.05	0.04	27.0	14.2		
32	0.05	0.07	0.12	0.51	3.03	7.43	11.9	16.6	18.2	18.2	16.6	11.9	7.43	3.03	0.51	0.12	0.07	0.05	116	112		
24	0.06	0.09	0.21	1.26	7.04	14.8	22.0	30.0	33.3	33.3	30.0	22.0	14.8	7.04	1.26	0.21	0.09	0.06	218	215		
	0.06	0.11	0.30	2.28	10.1	18.5	26.9	34.7	38.3	38.3	34.7	26.9	18.5	10.1	2.28	0.30	0.11	0.06	263	260		
	0.07	0.14	0.39	2.93	11.5	19.4	28.6	35.4	38.2	38.2	35.4	28.6	19.4	11.5	2.93	0.39	0.14	0.07	274	271		
	0.07	0.14	0.39	2.93	11.5	19.4	28.6	35.4	38.2	38.2	35.4	28.6	19.4	11.5	2.93	0.39	0.14	0.07	274	271		
	0.06	0.11	0.30	2.28	10.1	18.5	26.9	34.7	38.3	38.3	34.7	26.9	18.5	10.1	2.28	0.30	0.11	0.06	263	260		
-24	0.06	0.09	0.21	1.26	7.04	14.8	22.0	30.0	33.3	33.3	30.0	22.0	14.8	7.04	1.26	0.21	0.09	0.06	218	215		
-32	0.05	0.07	0.12	0.51	3.03	7.43	11.9	16.6	18.2	18.2	16.6	11.9	7.43	3.03	0.51	0.12	0.07	0.05	116	112		
-40	0.04	0.05	0.06	0.16	0.73	1.98	2.87	3.89	3.71	3.71	3.89	2.87	1.98	0.73	0.16	0.06	0.05	0.04	27.0	14.2		
-48	0.03	0.04	0.03	0.08	0.22	0.45	0.58	0.62	0.48	0.48	0.62	0.58	0.45	0.22	0.08	0.03	0.04	0.03	5.07	0.00		
-56	0.03	0.03	0.02	0.06	0.13	0.22	0.27	0.24	0.16	0.16	0.24	0.27	0.22	0.13	0.06	0.02	0.03	0.03	2.31	0.00		
-64	0.02	0.02	0.03	0.06	0.10	0.16	0.15	0.12	0.07	0.07	0.12	0.15	0.16	0.10	0.06	0.03	0.02	0.02	1.45	0.00		
-72	0.02	0.02	0.03	0.06	0.09	0.13	0.11	0.08	0.04	0.04	0.08	0.11	0.13	0.09	0.06	0.03	0.02	0.02	1.16	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)	16	24	32	40	48	56	64	72					
Φ t	0.78	1.10	2.38	14.8	65.9	127	187	244	265	265	244	187	127	65.9	14.8	2.38	1.10	0.78	1875			
Φ a	0.00	0.00	0.00	7.25	60.8	122	182	239	261	261	239	182	122	60.8	7.25	0.00	0.00	0.00		1766		

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

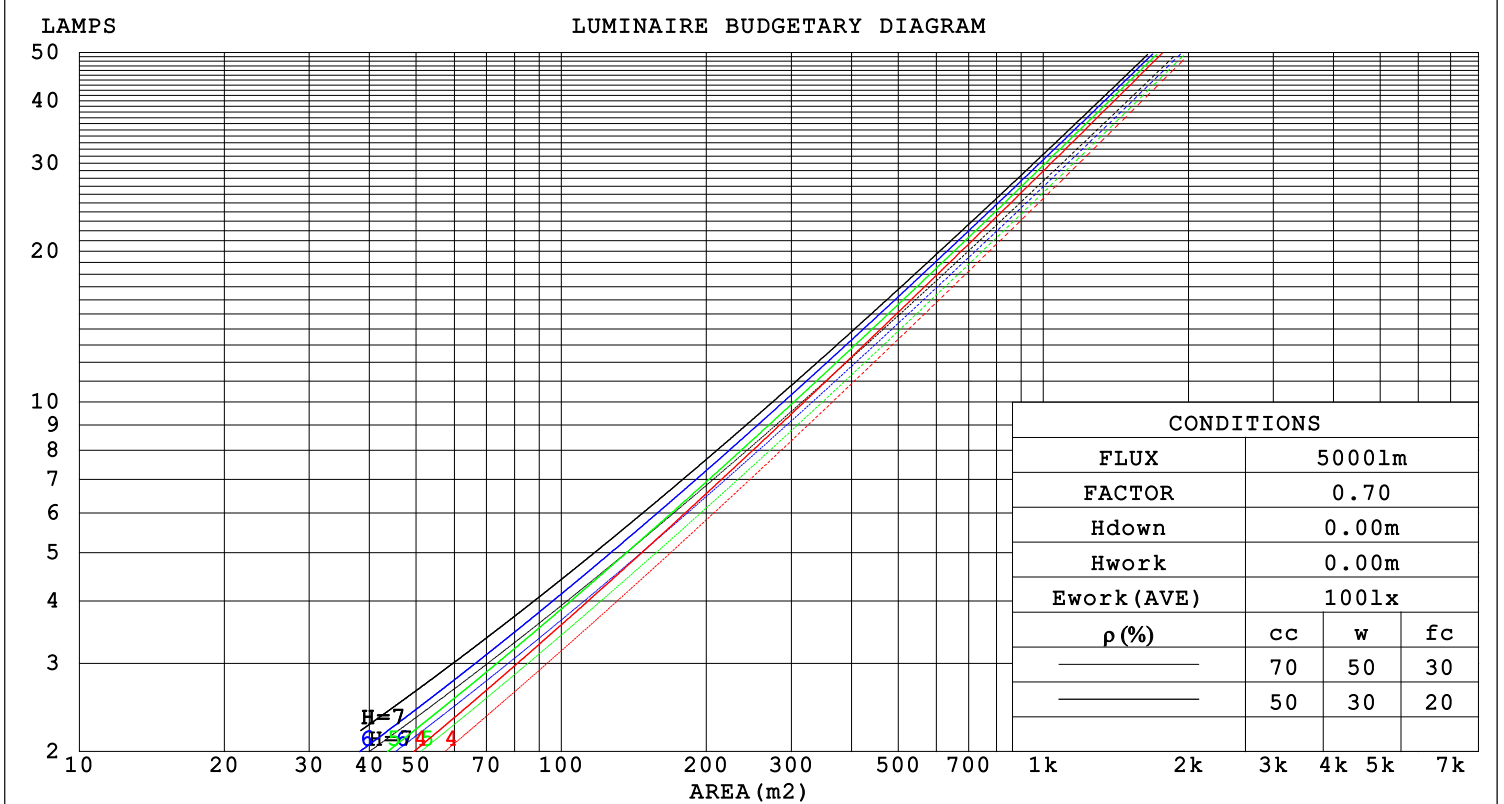


### CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.10	1.08	1.05	1.08	1.05	1.03	1.03	1.01	.00	.99	.98	.96	.95	.94	.93	.91
2.0	1.02	.98	.95	1.00	.97	.94	.97	.94	.91	.93	.91	.89	.90	.88	.87	.85
3.0	.95	.90	.86	.94	.89	.86	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.84	.79	.88	.83	.79	.85	.81	.78	.83	.79	.76	.81	.78	.75	.74
5.0	.84	.78	.73	.82	.77	.73	.80	.76	.72	.78	.74	.71	.77	.73	.70	.69
6.0	.78	.72	.68	.77	.72	.68	.76	.71	.67	.74	.70	.67	.73	.69	.66	.64
7.0	.74	.68	.64	.73	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.60
8.0	.69	.64	.59	.69	.63	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
9.0	.66	.60	.56	.65	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.53
10.0	.62	.56	.52	.62	.56	.52	.61	.56	.52	.60	.55	.52	.59	.55	.52	.50



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 FARIDABAD HARYANA 121005														
NAME: 1011-1-2-1-2-3					TYPE: .5W 3K CRI90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*42*36					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	.181	.103	.033	.173	.099	.031	.159	.091	.029	.146	.084	.027	.134	.078	.025	
2.0	.172	.094	.029	.165	.091	.028	.154	.085	.027	.143	.080	.025	.132	.075	.024	
3.0	.163	.087	.026	.158	.084	.025	.147	.080	.024	.138	.076	.023	.129	.072	.022	
4.0	.155	.081	.024	.150	.079	.023	.141	.075	.022	.133	.072	.022	.125	.068	.021	
5.0	.148	.075	.022	.144	.074	.021	.136	.071	.021	.128	.068	.020	.122	.065	.020	
6.0	.141	.071	.020	.137	.069	.020	.130	.067	.019	.124	.064	.019	.118	.062	.018	
7.0	.135	.067	.019	.132	.066	.019	.125	.063	.018	.119	.061	.018	.114	.059	.017	
8.0	.129	.063	.018	.126	.062	.018	.120	.060	.017	.115	.058	.017	.110	.057	.016	
9.0	.124	.060	.017	.121	.059	.017	.116	.057	.016	.111	.056	.016	.107	.054	.016	
10.0	.119	.057	.016	.116	.056	.016	.112	.055	.015	.107	.053	.015	.103	.052	.015	

$\rho_{cc}$	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	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.176	.164	.163	.151	.141	.111	.104	.097	.064	.060	.057	.021	.019	.018	
2.0	.175	.152	.132	.150	.131	.114	.103	.090	.079	.059	.053	.047	.019	.017	.015	
3.0	.163	.133	.109	.140	.115	.094	.096	.080	.066	.055	.046	.039	.018	.015	.013	
4.0	.153	.118	.092	.131	.102	.080	.090	.071	.056	.052	.042	.033	.017	.014	.011	
5.0	.144	.107	.079	.124	.092	.069	.085	.065	.048	.050	.038	.029	.016	.012	.009	
6.0	.137	.097	.069	.118	.084	.060	.081	.059	.043	.047	.035	.025	.015	.011	.008	
7.0	.131	.090	.061	.112	.078	.054	.078	.055	.038	.045	.032	.023	.015	.011	.007	
8.0	.125	.084	.055	.108	.073	.048	.075	.051	.034	.043	.030	.020	.014	.010	.007	
9.0	.120	.079	.051	.104	.068	.044	.072	.048	.031	.042	.028	.019	.014	.009	.006	
10.0	.116	.074	.047	.100	.065	.041	.069	.045	.029	.040	.027	.017	.013	.009	.006	

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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	11.8	12.7	12.0	12.9	13.1	3.8	4.8	4.1	5.0	5.2
	3H	11.6	12.5	11.9	12.7	13.0	3.7	4.6	4.0	4.8	5.1
	4H	11.5	12.4	11.9	12.6	12.9	3.7	4.5	4.0	4.8	5.0
	6H	11.5	12.3	11.8	12.5	12.8	3.6	4.4	4.0	4.7	5.0
	8H	11.5	12.2	11.8	12.5	12.8	3.6	4.3	4.0	4.6	5.0
	12H	11.5	12.2	11.9	12.5	12.8	3.6	4.3	4.0	4.6	4.9
4H	2H	11.5	12.3	11.8	12.6	12.8	3.6	4.4	3.9	4.7	5.0
	3H	11.3	12.0	11.7	12.3	12.7	3.7	4.3	4.0	4.7	5.0
	4H	11.3	11.9	11.7	12.2	12.6	3.7	4.3	4.1	4.7	5.0
	6H	11.2	11.8	11.6	12.2	12.6	3.8	4.3	4.2	4.7	5.1
	8H	11.2	11.7	11.7	12.1	12.6	3.8	4.3	4.3	4.7	5.2
	12H	11.3	11.7	11.7	12.2	12.6	3.9	4.3	4.3	4.8	5.2
8H	4H	11.1	11.6	11.6	12.0	12.4	3.7	4.2	4.1	4.6	5.0
	6H	11.1	11.5	11.5	11.9	12.4	4.0	4.4	4.5	4.9	5.3
	8H	11.1	11.5	11.6	11.9	12.4	4.3	4.6	4.8	5.1	5.6
	12H	11.2	11.5	11.7	12.0	12.5	4.5	4.8	5.0	5.3	5.9
12H	4H	11.1	11.5	11.5	12.0	12.4	3.6	4.1	4.1	4.5	5.0
	6H	11.0	11.4	11.5	11.9	12.4	4.0	4.4	4.5	4.9	5.4
	8H	11.0	11.4	11.6	11.8	12.4	4.4	4.7	4.9	5.2	5.7

Variations with the observer position at spacings:		
S = 1.0H	+ 3.3 / - 9.9	+ 1.5 / - 1.5
1.5H	+ 6.0 / -10.3	+ 2.8 / - 1.7
2.0H	+ 6.7 / - 2.1	+ 1.1 / - 0.9

CIE Pub.117 Corrected 1875 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.2)

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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	79
1.00	98	92	89	97	92	88	95	92	88	84
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	103	99	96	101	97	95	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	101	99	93
3.00	111	107	105	109	106	103	105	103	101	94
4.00	113	110	108	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	107	106	105	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

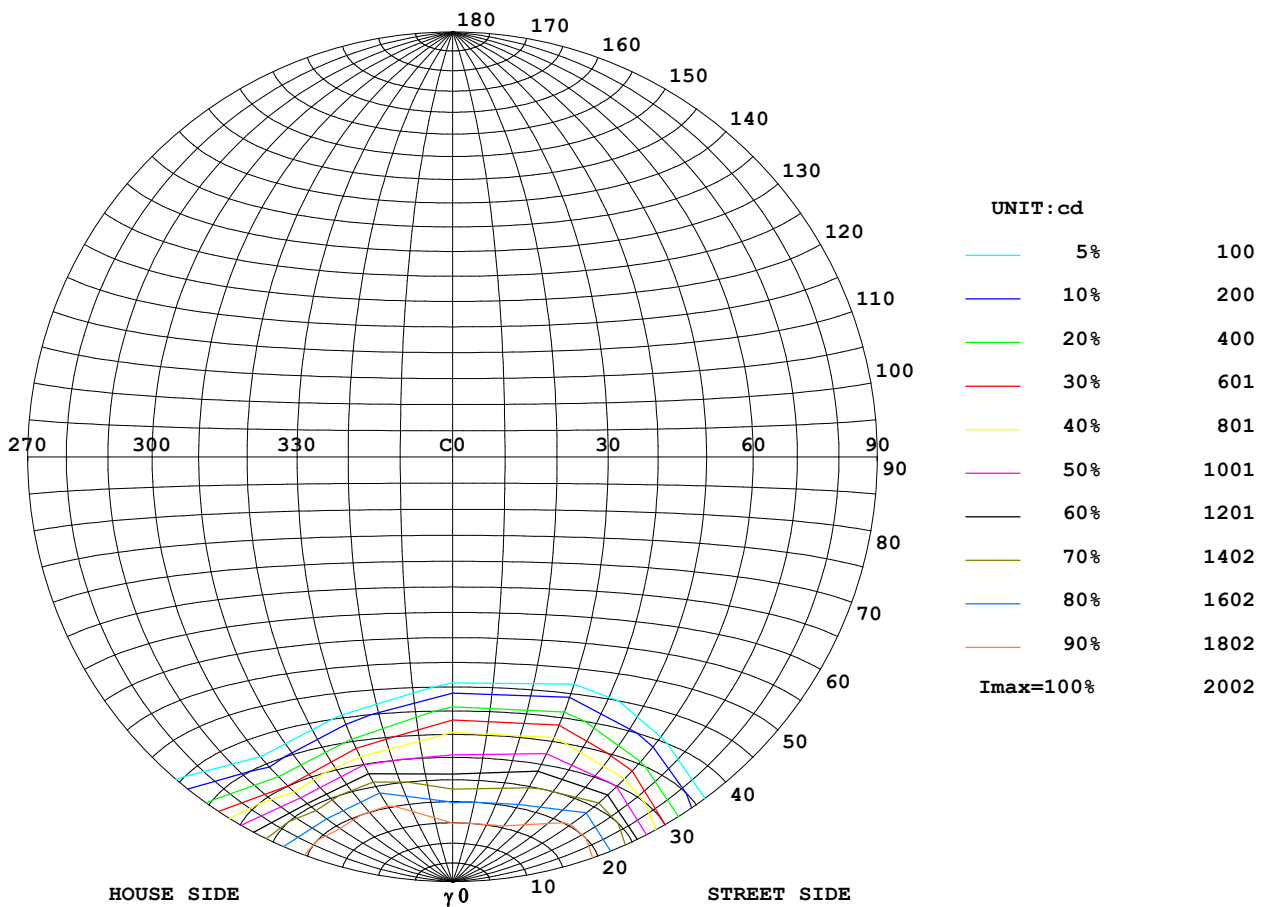
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-11-2023

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 FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:



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

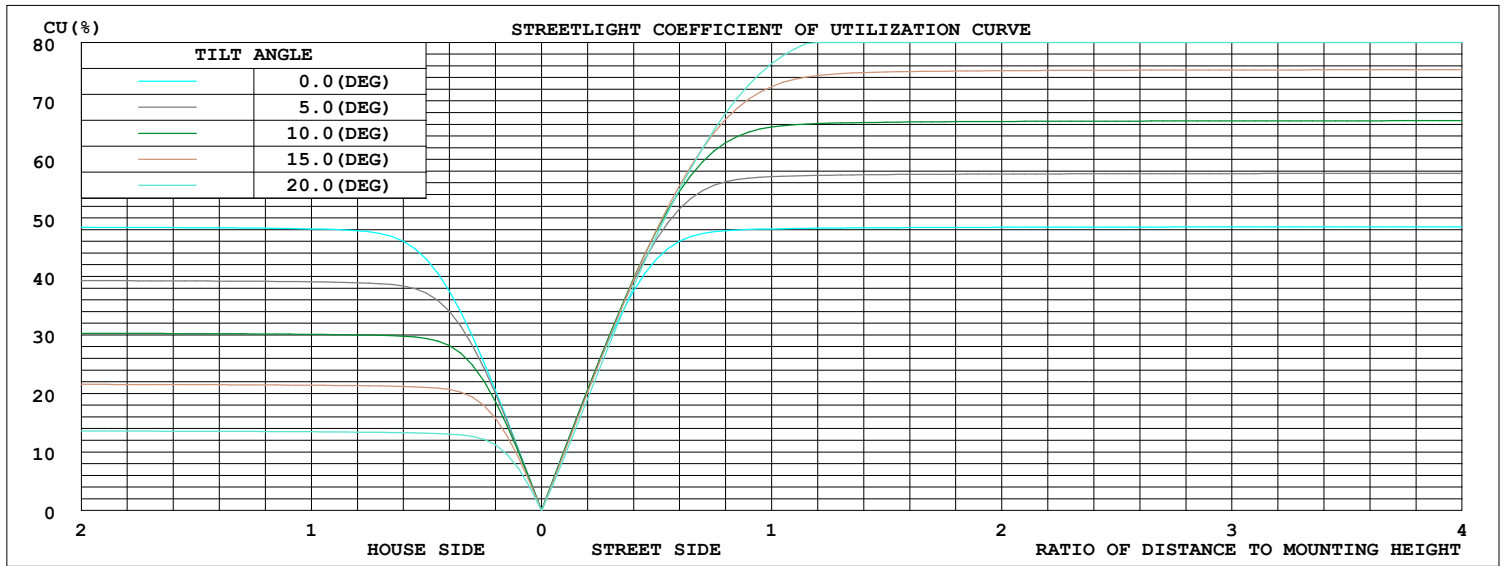
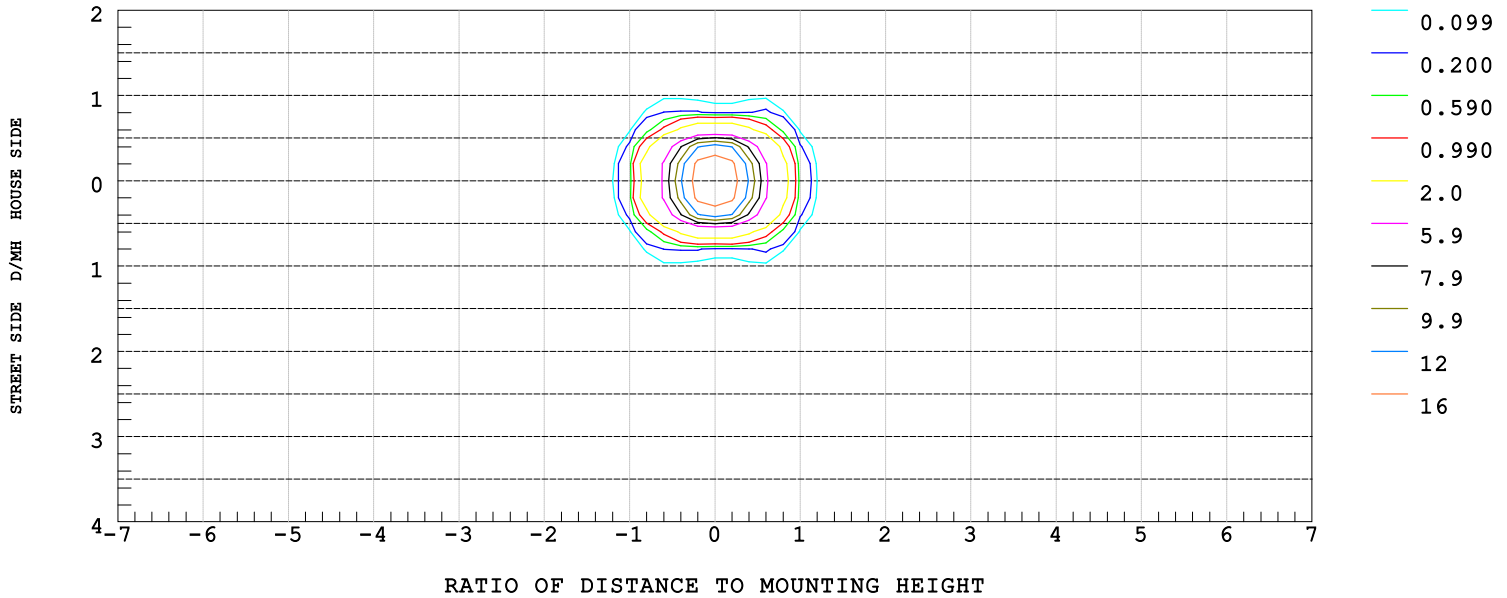
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 19.77 lx



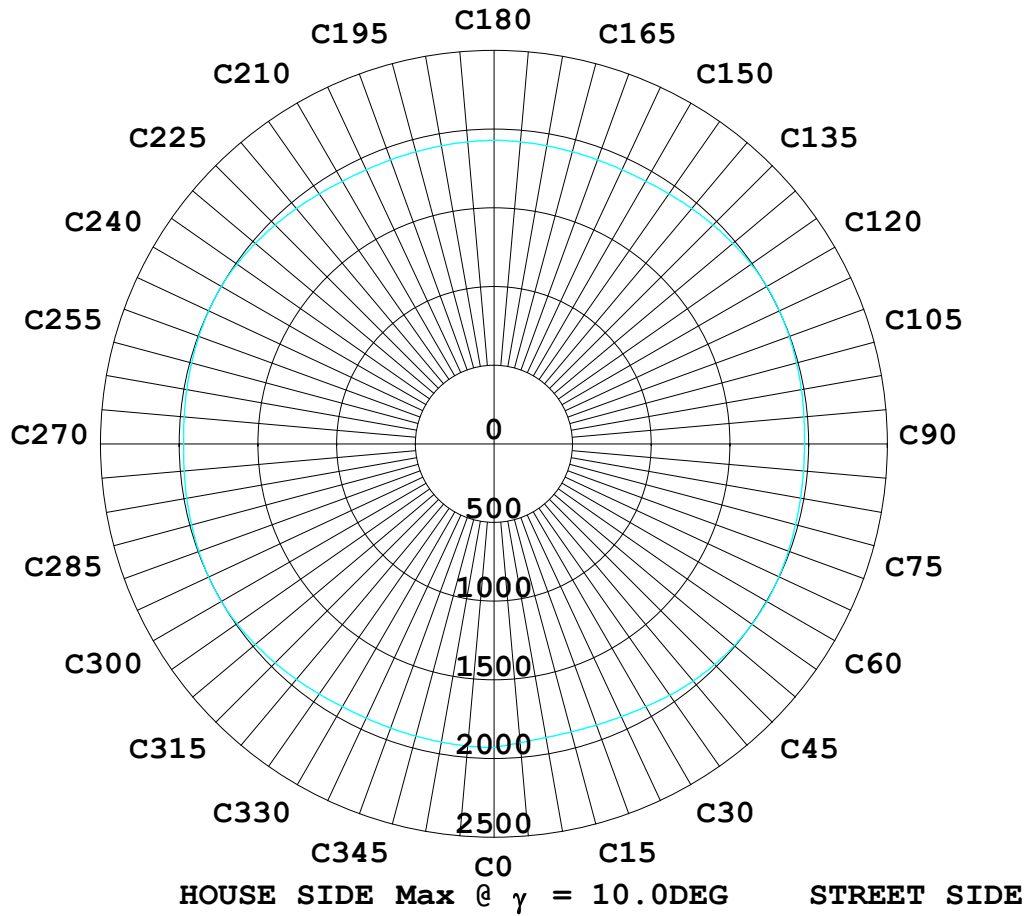
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:05-11-2023

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

**ISOCANDELA DIAGRAM**

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	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

### LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIDABAD HARYANA 121005		
NAME: 1011-1-2-1-2-3	TYPE: .5W 3K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*42*36	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1977	1948	1971	1940	1971	1948	1977	1948	1971	1940	1971	1948
5.0	1979	1961	1983	1958	1983	1961	1979	1961	1983	1958	1983	1961
10.0	1930	1928	2002	1973	2002	1928	1930	1928	2002	1973	2002	1928
15.0	1799	1818	1992	1958	1992	1818	1799	1818	1992	1958	1992	1818
20.0	1588	1641	1825	1776	1825	1641	1588	1641	1825	1776	1825	1641
25.0	1264	1382	1501	1310	1501	1382	1264	1382	1501	1310	1501	1382
30.0	1022	1121	985	605	985	1121	1022	1121	985	605	985	1121
35.0	831	862	428	130	428	862	831	862	428	130	428	862
40.0	455	480	109	26.7	109	480	455	480	109	26.7	109	480
45.0	112	147	38.5	14.2	38.5	147	112	147	38.5	14.2	38.5	147
50.0	37.4	23.3	24.4	7.31	24.4	23.3	37.4	23.3	24.4	7.31	24.4	23.3
55.0	21.2	8.03	15.9	3.24	15.9	8.03	21.2	8.03	15.9	3.24	15.9	8.03
60.0	13.8	2.79	11.1	1.80	11.1	2.79	13.8	2.79	11.1	1.80	11.1	2.79
65.0	11.3	1.53	9.29	1.44	9.29	1.53	11.3	1.53	9.29	1.44	9.29	1.53
70.0	9.74	1.26	8.03	1.08	8.03	1.26	9.74	1.26	8.03	1.08	8.03	1.26
75.0	8.48	1.08	7.12	0.90	7.12	1.08	8.48	1.08	7.12	0.90	7.12	1.08
80.0	7.58	1.08	6.31	0.90	6.31	1.08	7.58	1.08	6.31	0.90	6.31	1.08
85.0	6.67	0.99	5.77	0.90	5.77	0.99	6.67	0.99	5.77	0.90	5.77	0.99
90.0	6.22	1.08	5.41	0.90	5.41	1.08	6.22	1.08	5.41	0.90	5.41	1.08
95.0	5.86	1.26	5.05	0.99	5.05	1.26	5.86	1.26	5.05	0.99	5.05	1.26
100.0	5.68	1.44	4.87	1.26	4.87	1.44	5.68	1.44	4.87	1.26	4.87	1.44
105.0	5.68	1.89	4.87	1.62	4.87	1.89	5.68	1.89	4.87	1.62	4.87	1.89
110.0	5.86	2.61	5.14	2.07	5.14	2.61	5.86	2.61	5.14	2.07	5.14	2.61
115.0	6.49	3.42	5.68	2.97	5.68	3.42	6.49	3.42	5.68	2.97	5.68	3.42
120.0	7.12	4.42	6.49	4.24	6.49	4.42	7.12	4.42	6.49	4.24	6.49	4.42
125.0	8.03	5.68	7.40	5.50	7.40	5.68	8.03	5.68	7.40	5.50	7.40	5.68
130.0	9.20	6.94	8.75	7.12	8.75	6.94	9.20	6.94	8.75	7.12	8.75	6.94
135.0	10.4	8.57	9.92	8.66	9.92	8.57	10.4	8.57	9.92	8.66	9.92	8.57
140.0	11.8	10.0	11.3	10.2	11.3	10.0	11.8	10.0	11.3	10.2	11.3	10.0
145.0	13.1	11.4	12.7	11.9	12.7	11.4	13.1	11.4	12.7	11.9	12.7	11.4
150.0	14.3	12.9	14.1	13.3	14.1	12.9	14.3	12.9	14.1	13.3	14.1	12.9
155.0	15.5	14.3	15.3	14.7	15.3	14.3	15.5	14.3	15.3	14.7	15.3	14.3
160.0	16.8	15.8	16.5	15.7	16.5	15.8	16.8	15.8	16.5	15.7	16.5	15.8
165.0	17.9	17.1	17.9	16.9	17.9	17.1	17.9	17.1	17.9	16.9	17.9	17.1
170.0	19.2	18.0	18.7	17.9	18.7	18.0	19.2	18.0	18.7	17.9	18.7	18.0
175.0	20.2	18.9	19.4	18.7	19.4	18.9	20.2	18.9	19.4	18.7	19.4	18.9
180.0	20.6	19.4	19.7	19.1	19.7	19.4	20.6	19.4	19.7	19.1	19.7	19.4

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