

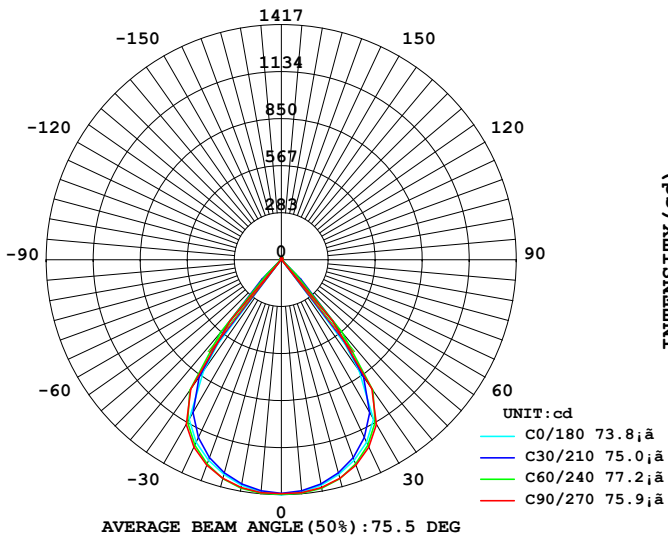
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

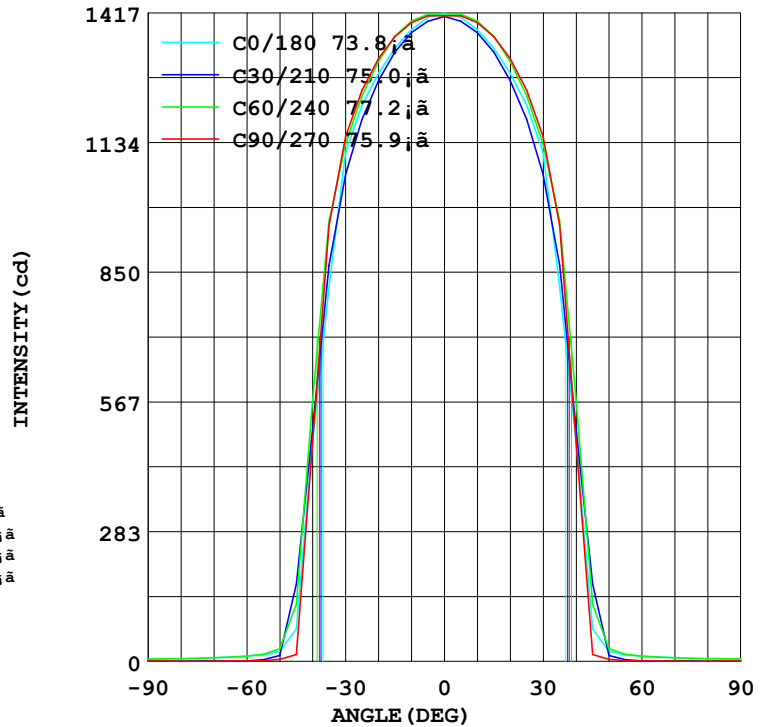
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

DATA OF LAMP		Imax (cd)	1417	S/MH (C0/180)	1.07
MODEL	1009-1-2-1-2-3	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.10
NOMINAL POWER (W)	16	TOTAL FLUX (lm)	1814.4	Voltage (V)	219.3
RATED VOLTAGE (V)	219.2	EFFICIENCY (lm/W)	112.0	Current (A)	0.076
NOMINAL FLUX (lm)	1814.5	η up (%)	2.4	Power (W)	16.20
LAMPS QUANTITY	1	η down (%)	97.6	Power Factor (PF)	0.966
TEST VOLTAGE (V)	219.4	Effective Flux (lm)	1722.9	EET	0.128

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

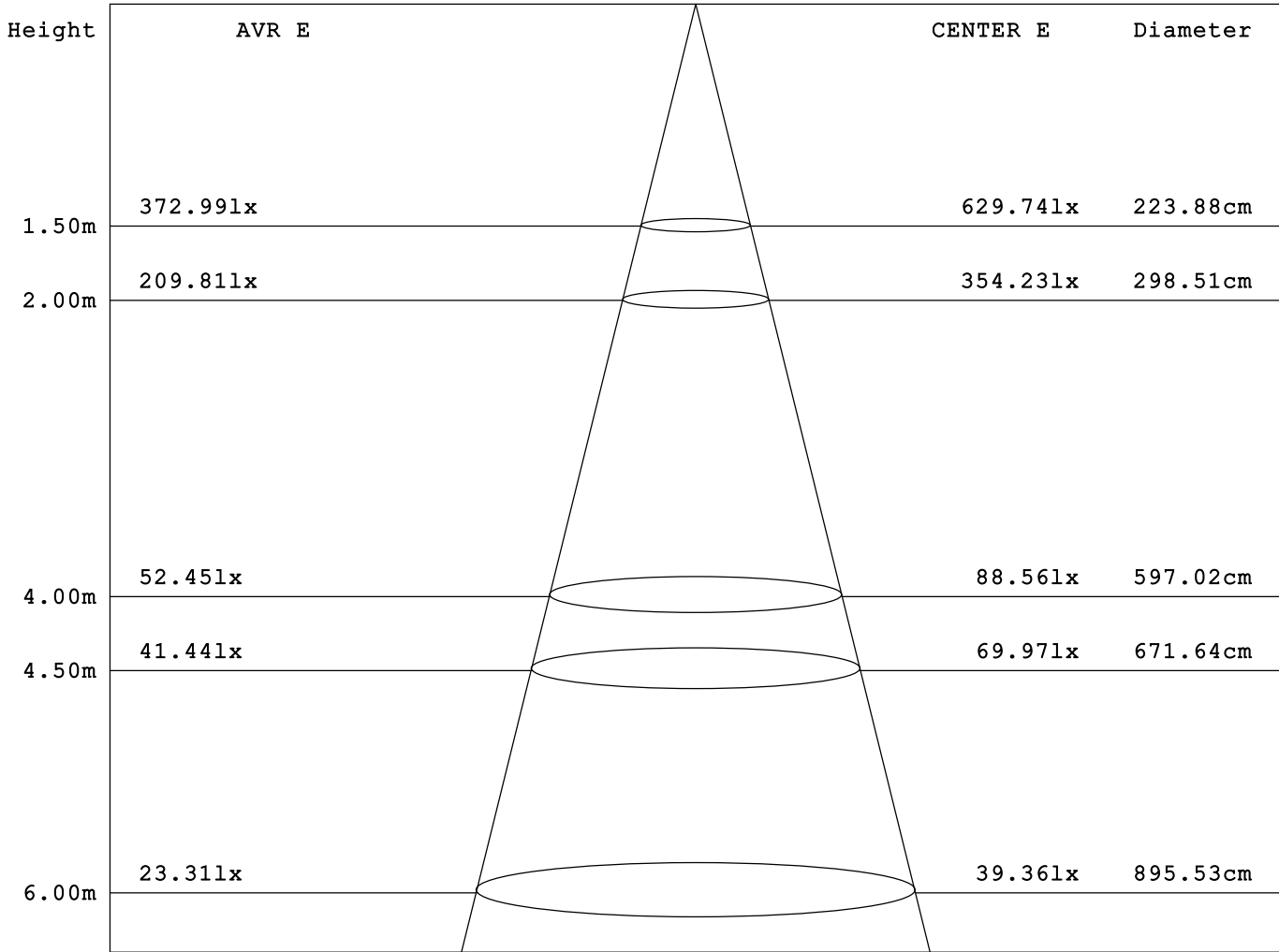
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Angle:73.5deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1380	1387	1395	1387	1380	1387	1395	1387	0- 10	133.6	133.6
20.0	1285	1290	1317	1290	1285	1290	1317	1290	10- 20	380.1	513.8
30.0	1113	1098	1147	1098	1113	1098	1147	1098	20- 30	557.5	1071
40.0	484.1	541.1	480.8	541.1	484.1	541.1	480.8	541.1	30- 40	534.0	1606
50.0	22.11	20.30	4.422	20.30	22.11	20.30	4.422	20.30	40- 50	143.6	1749
60.0	11.19	6.362	1.173	6.362	11.19	6.362	1.173	6.362	50- 60	9.423	1759
70.0	7.851	4.422	0.812	4.422	7.851	4.422	0.812	4.422	60- 70	5.219	1764
80.0	6.046	3.429	0.632	3.429	6.046	3.429	0.632	3.429	70- 80	4.078	1768
90.0	5.234	3.068	0.722	3.068	5.234	3.068	0.722	3.068	80- 90	3.495	1771
100.0	4.963	3.113	1.173	3.113	4.963	3.113	1.173	3.113	90-100	3.298	1775
110.0	5.595	4.016	2.346	4.016	5.595	4.016	2.346	4.016	100-110	3.688	1778
120.0	6.949	5.550	4.241	5.550	6.949	5.550	4.241	5.550	110-120	4.687	1783
130.0	8.844	7.581	6.678	7.581	8.844	7.581	6.678	7.581	120-130	5.916	1789
140.0	10.83	9.701	9.115	9.701	10.83	9.701	9.115	9.701	130-140	6.735	1796
150.0	12.81	11.82	11.28	11.82	12.81	11.82	11.28	11.82	140-150	6.759	1803
160.0	15.07	14.16	13.53	14.16	15.07	14.16	13.53	14.16	150-160	6.011	1809
170.0	17.23	16.42	15.88	16.42	17.23	16.42	15.88	16.42	160-170	4.331	1813
180.0	18.41	17.73	17.50	17.73	18.41	17.73	17.50	17.73	170-180	1.631	1814
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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

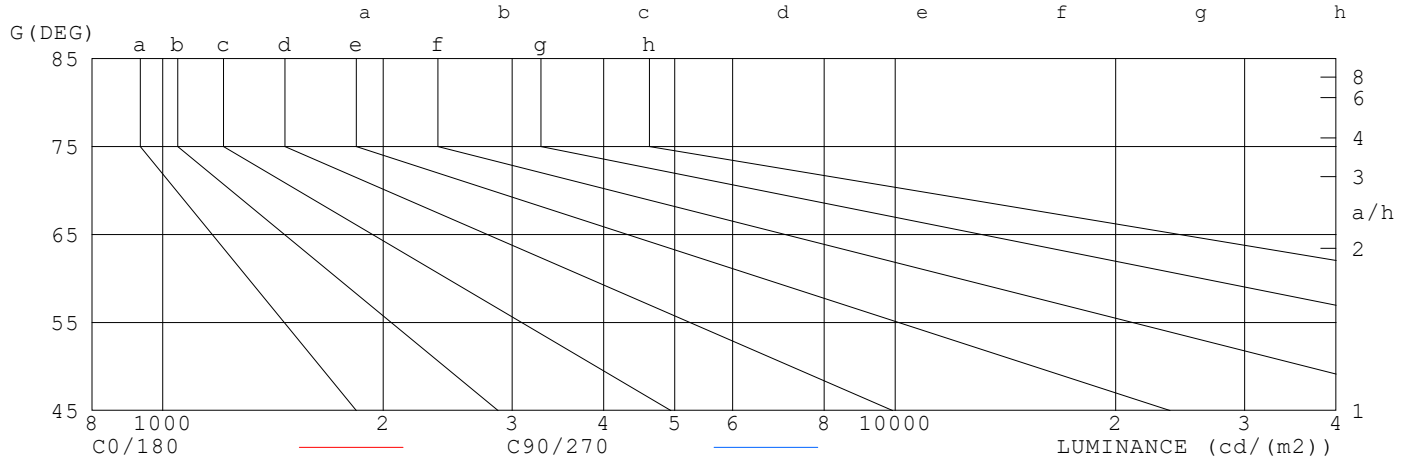
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	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	642	83
80	348	36
75	268	24
70	230	24
65	222	23
60	224	23
55	245	28
50	344	69
45	999	214

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

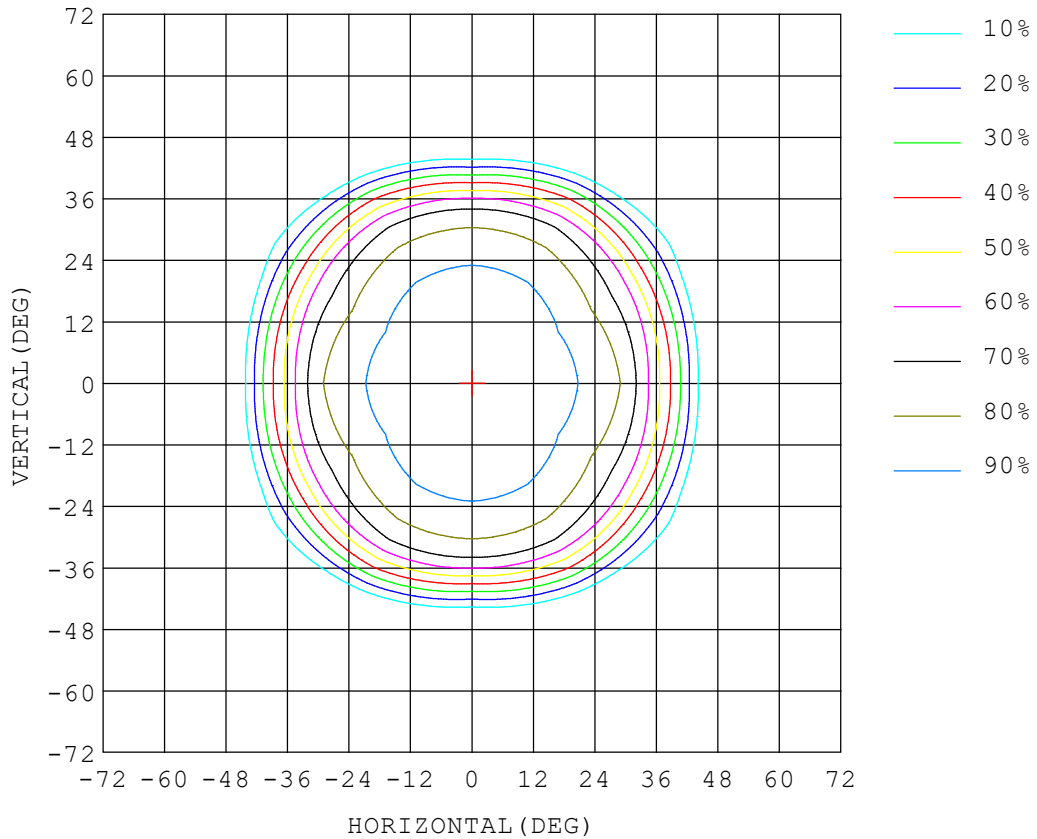
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

UNIT: cd



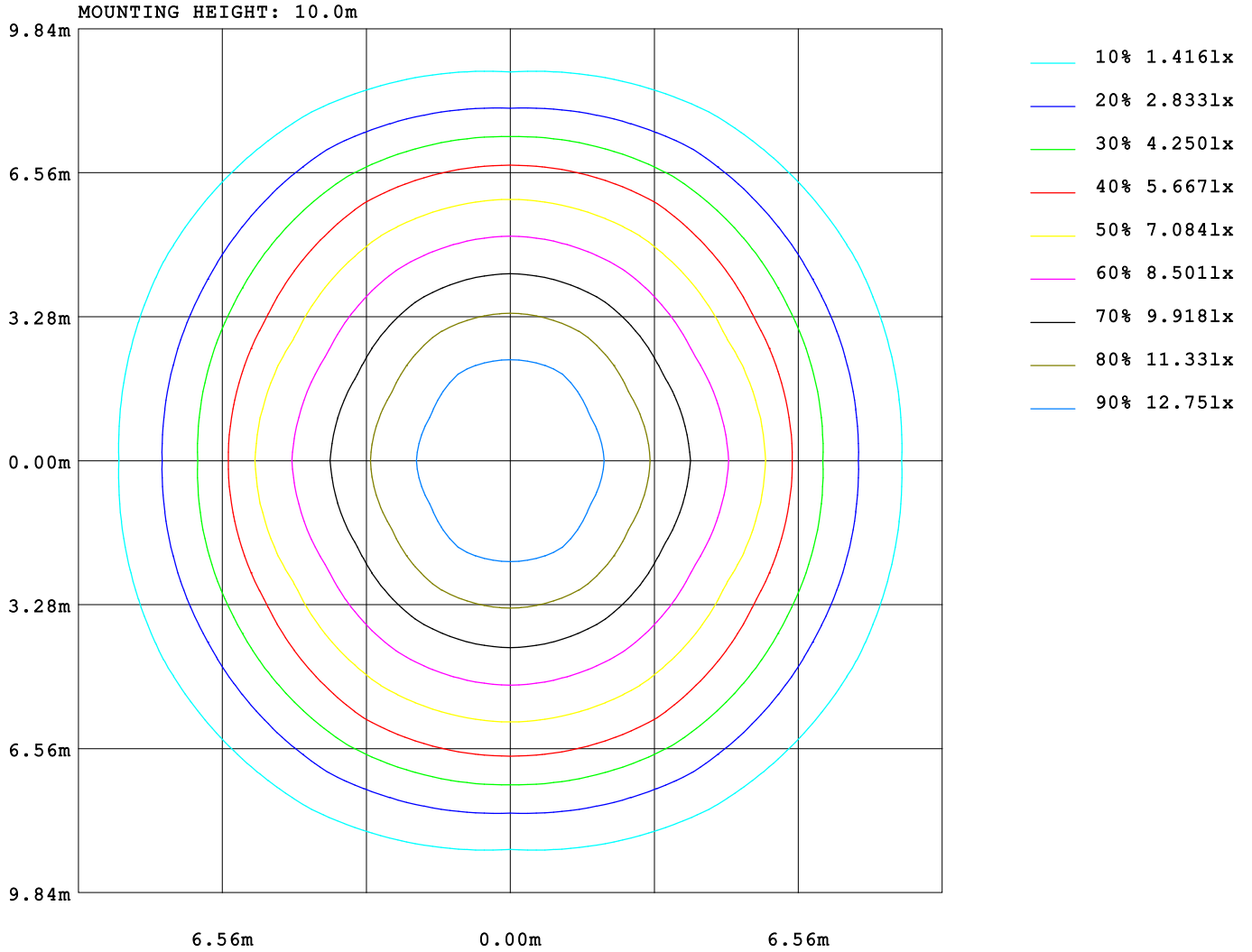
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72			
72	0.02	0.01	0.02	0.05	0.09	0.13	0.11	0.08	0.04	0.04	0.08	0.11	0.13	0.09	0.05	0.02	0.01	0.02	1.09	0.00		
64	0.02	0.01	0.02	0.05	0.10	0.16	0.15	0.11	0.06	0.06	0.11	0.15	0.16	0.10	0.05	0.02	0.01	0.02	1.37	0.00		
56	0.02	0.02	0.02	0.05	0.12	0.22	0.27	0.23	0.14	0.14	0.23	0.27	0.22	0.12	0.05	0.02	0.02	0.02	2.19	0.00		
48	0.03	0.03	0.02	0.06	0.18	0.60	1.47	2.62	3.21	3.21	2.62	1.47	0.60	0.18	0.06	0.02	0.03	0.03	16.4	10.2		
40	0.03	0.04	0.04	0.09	0.84	3.83	9.32	13.7	15.8	15.8	13.7	9.32	3.83	0.84	0.09	0.04	0.04	0.03	87.6	84.3		
32	0.04	0.05	0.08	0.42	3.61	10.6	17.4	21.1	22.7	22.7	21.1	17.4	10.6	3.61	0.42	0.08	0.05	0.04	152	150		
24	0.05	0.07	0.13	1.20	7.38	15.4	20.7	23.8	25.3	25.3	23.8	20.7	15.4	7.38	1.20	0.13	0.07	0.05	189	187		
16	0.05	0.09	0.19	2.18	10.3	17.9	22.2	25.1	26.7	26.7	25.1	22.2	17.9	10.3	2.18	0.19	0.09	0.05	210	208		
8	0.06	0.10	0.24	2.76	11.6	19.3	23.2	25.7	27.2	27.2	25.7	23.2	19.3	11.6	2.76	0.24	0.10	0.06	221	219		
0	0.06	0.10	0.24	2.76	11.6	19.3	23.2	25.7	27.2	27.2	25.7	23.2	19.3	11.6	2.76	0.24	0.10	0.06	221	219		
-8	0.05	0.09	0.19	2.18	10.3	17.9	22.2	25.1	26.7	26.7	25.1	22.2	17.9	10.3	2.18	0.19	0.09	0.05	210	208		
-16	0.05	0.07	0.13	1.20	7.38	15.4	20.7	23.8	25.3	25.3	23.8	20.7	15.4	7.38	1.20	0.13	0.07	0.05	189	187		
-24	0.04	0.05	0.08	0.42	3.61	10.6	17.4	21.1	22.7	22.7	21.1	17.4	10.6	3.61	0.42	0.08	0.05	0.04	152	150		
-32	0.03	0.04	0.04	0.09	0.84	3.83	9.32	13.7	15.8	15.8	13.7	9.32	3.83	0.84	0.09	0.04	0.04	0.03	87.6	84.3		
-40	0.03	0.03	0.02	0.06	0.18	0.60	1.47	2.62	3.21	3.21	2.62	1.47	0.60	0.18	0.06	0.02	0.03	0.03	16.4	10.2		
-48	0.02	0.02	0.02	0.05	0.12	0.22	0.27	0.23	0.14	0.14	0.23	0.27	0.22	0.12	0.05	0.02	0.02	0.02	2.19	0.00		
-56	0.02	0.01	0.02	0.05	0.10	0.16	0.15	0.11	0.06	0.06	0.11	0.15	0.16	0.10	0.05	0.02	0.01	0.02	1.37	0.00		
-64	0.02	0.01	0.02	0.05	0.09	0.13	0.11	0.08	0.04	0.04	0.08	0.11	0.13	0.09	0.05	0.02	0.01	0.02	1.09	0.00		
-72	0.02	0.01	0.02	0.05	0.09	0.13	0.11	0.08	0.04	0.04	0.08	0.11	0.13	0.09	0.05	0.02	0.01	0.02	1.09	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	0.63	0.84	1.50	13.7	68.6	137	190	226	243	243	226	190	137	68.6	13.7	1.50	0.84	0.63	1814			
Φ a	0.00	0.00	0.00	8.52	65.3	133	187	223	242	242	223	187	133	65.3	8.52	0.00	0.00	0.00		1723		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

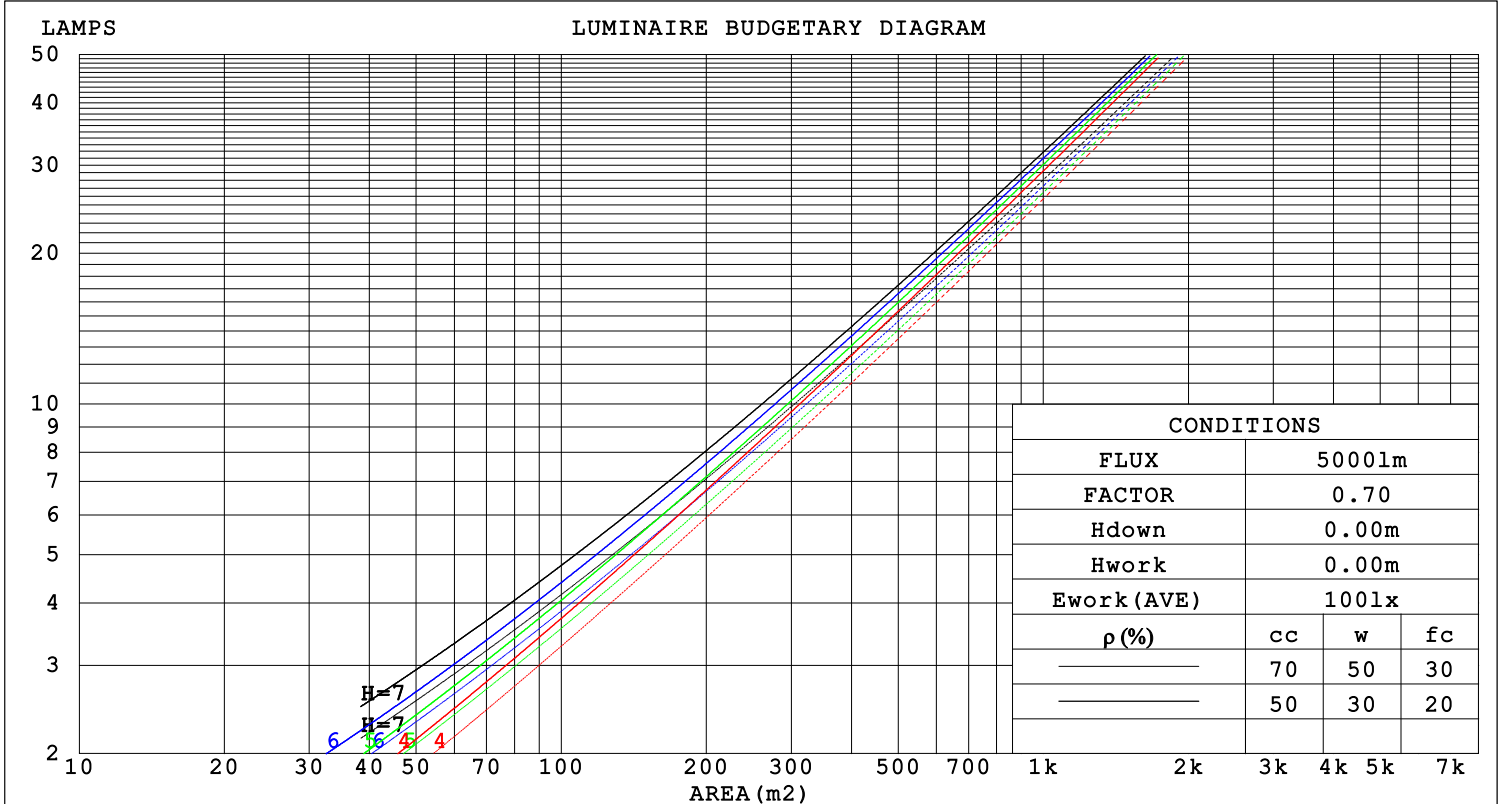
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	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	1.18	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	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.99	.98	.97	.96	.95	.94	.92	.90
2.0	1.01	.97	.93	.99	.95	.92	.96	.92	.90	.92	.90	.87	.89	.87	.85	.83
3.0	.94	.88	.84	.92	.87	.83	.89	.85	.82	.86	.83	.80	.84	.81	.78	.77
4.0	.87	.81	.76	.85	.80	.76	.83	.78	.74	.81	.77	.73	.78	.75	.72	.71
5.0	.81	.74	.70	.79	.74	.69	.77	.72	.68	.75	.71	.68	.74	.70	.67	.65
6.0	.75	.68	.64	.74	.68	.64	.72	.67	.63	.70	.66	.62	.69	.65	.62	.60
7.0	.70	.63	.59	.69	.63	.59	.67	.62	.58	.66	.61	.58	.65	.60	.57	.56
8.0	.65	.59	.54	.64	.58	.54	.63	.58	.54	.62	.57	.53	.61	.56	.53	.51
9.0	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.57	.53	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.45



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3					TYPE: .5W 3K CRI 90					WEIGHT:				
SPECIFICATION:					DIMENSION: 1200*50*90					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	.191	.109	.034	.184	.105	.033	.170	.097	.031	.157	.090	.029	.145	.084	.027	
2.0	.183	.100	.031	.177	.097	.030	.165	.092	.028	.154	.086	.027	.144	.081	.026	
3.0	.175	.093	.028	.170	.091	.027	.159	.086	.026	.150	.082	.025	.141	.078	.024	
4.0	.167	.087	.026	.162	.085	.025	.153	.081	.024	.145	.078	.023	.137	.074	.023	
5.0	.160	.081	.024	.155	.080	.023	.147	.077	.023	.140	.074	.022	.133	.071	.021	
6.0	.152	.076	.022	.149	.075	.022	.142	.073	.021	.135	.070	.021	.129	.068	.020	
7.0	.146	.072	.020	.142	.071	.020	.136	.069	.020	.130	.067	.019	.124	.065	.019	
8.0	.140	.068	.019	.137	.067	.019	.131	.065	.019	.125	.063	.018	.120	.062	.018	
9.0	.134	.065	.018	.131	.064	.018	.126	.062	.018	.121	.061	.017	.116	.059	.017	
10.0	.128	.061	.017	.126	.061	.017	.121	.059	.017	.116	.058	.016	.112	.056	.016	

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	.209	.209	.209	.178	.178	.178	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.190	.175	.162	.163	.151	.139	.111	.104	.096	.064	.060	.056	.021	.019	.018	
2.0	.176	.151	.129	.151	.130	.112	.103	.090	.078	.060	.052	.046	.019	.017	.015	
3.0	.165	.132	.106	.141	.114	.092	.097	.079	.065	.056	.046	.038	.018	.015	.012	
4.0	.155	.118	.089	.133	.102	.077	.092	.071	.054	.053	.042	.032	.017	.014	.011	
5.0	.147	.106	.076	.126	.092	.066	.087	.064	.047	.050	.038	.028	.016	.012	.009	
6.0	.140	.097	.067	.120	.084	.058	.083	.059	.041	.048	.035	.024	.016	.011	.008	
7.0	.134	.090	.059	.115	.078	.052	.080	.055	.037	.046	.032	.022	.015	.011	.007	
8.0	.129	.084	.053	.111	.073	.046	.077	.051	.033	.045	.030	.020	.014	.010	.007	
9.0	.124	.079	.049	.107	.069	.043	.074	.048	.030	.043	.028	.018	.014	.009	.006	
10.0	.119	.075	.045	.103	.065	.039	.071	.046	.028	.042	.027	.017	.013	.009	.006	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	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	12.0	13.0	12.2	13.2	13.4	12.8	13.8	13.1	14.1	14.3
	3H	11.8	12.7	12.1	13.0	13.2	12.6	13.6	12.9	13.8	14.1
	4H	11.7	12.6	12.0	12.9	13.1	12.5	13.4	12.9	13.7	14.0
	6H	11.7	12.5	12.0	12.8	13.1	12.5	13.3	12.8	13.6	13.9
	8H	11.6	12.4	12.0	12.7	13.0	12.4	13.2	12.8	13.5	13.8
	12H	11.6	12.4	12.0	12.7	13.0	12.4	13.1	12.7	13.4	13.7
4H	2H	11.7	12.6	12.0	12.8	13.1	12.5	13.4	12.9	13.7	14.0
	3H	11.5	12.3	11.9	12.6	12.9	12.4	13.1	12.7	13.4	13.8
	4H	11.4	12.1	11.8	12.5	12.8	12.3	13.0	12.7	13.3	13.7
	6H	11.4	12.0	11.8	12.3	12.7	12.2	12.8	12.6	13.2	13.6
	8H	11.4	11.9	11.8	12.3	12.7	12.1	12.7	12.6	13.1	13.5
	12H	11.4	11.9	11.8	12.3	12.7	12.1	12.6	12.6	13.0	13.5
8H	4H	11.3	11.8	11.7	12.2	12.7	12.1	12.7	12.6	13.1	13.5
	6H	11.2	11.7	11.7	12.1	12.6	12.1	12.5	12.5	13.0	13.4
	8H	11.2	11.6	11.7	12.1	12.6	12.0	12.4	12.5	12.9	13.4
	12H	11.3	11.6	11.8	12.1	12.6	12.0	12.4	12.5	12.8	13.4
12H	4H	11.2	11.7	11.7	12.2	12.6	12.1	12.6	12.5	13.0	13.4
	6H	11.2	11.6	11.7	12.0	12.5	12.0	12.4	12.5	12.9	13.4
	8H	11.2	11.5	11.7	12.0	12.5	12.0	12.3	12.5	12.8	13.3

Variations with the observer position at spacings:		
S = 1.0H	+ 3.4 / -11.8	+ 3.3 / -11.7
1.5H	+ 6.2 / -12.2	+ 6.1 / -11.9
2.0H	+ 5.7 / - 1.6	+ 1.5 / - 1.0

CIE Pub.117 Corrected 1814 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.1)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	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	84	78	74	84	77	74	83	77	73	69
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	91	87	96	91	87	94	90	86	82
1.25	101	96	92	100	95	92	98	94	91	86
1.50	104	99	96	103	98	95	100	97	94	89
2.00	107	103	99	106	102	98	102	99	97	91
2.50	109	105	102	107	103	101	104	101	98	92
3.00	111	107	104	109	105	103	105	102	100	93
4.00	113	110	107	110	108	106	106	104	103	95
5.00	114	111	109	112	109	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

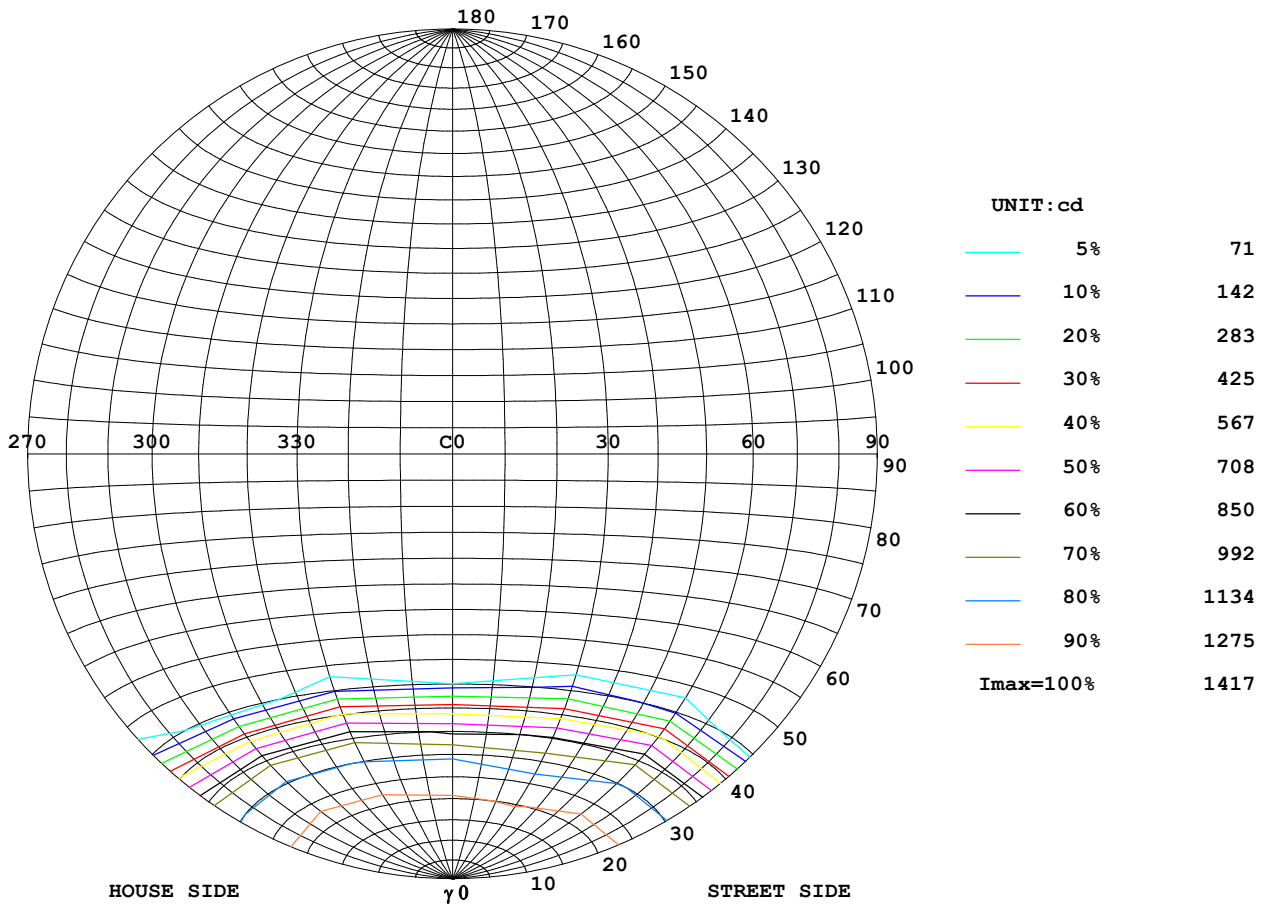
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

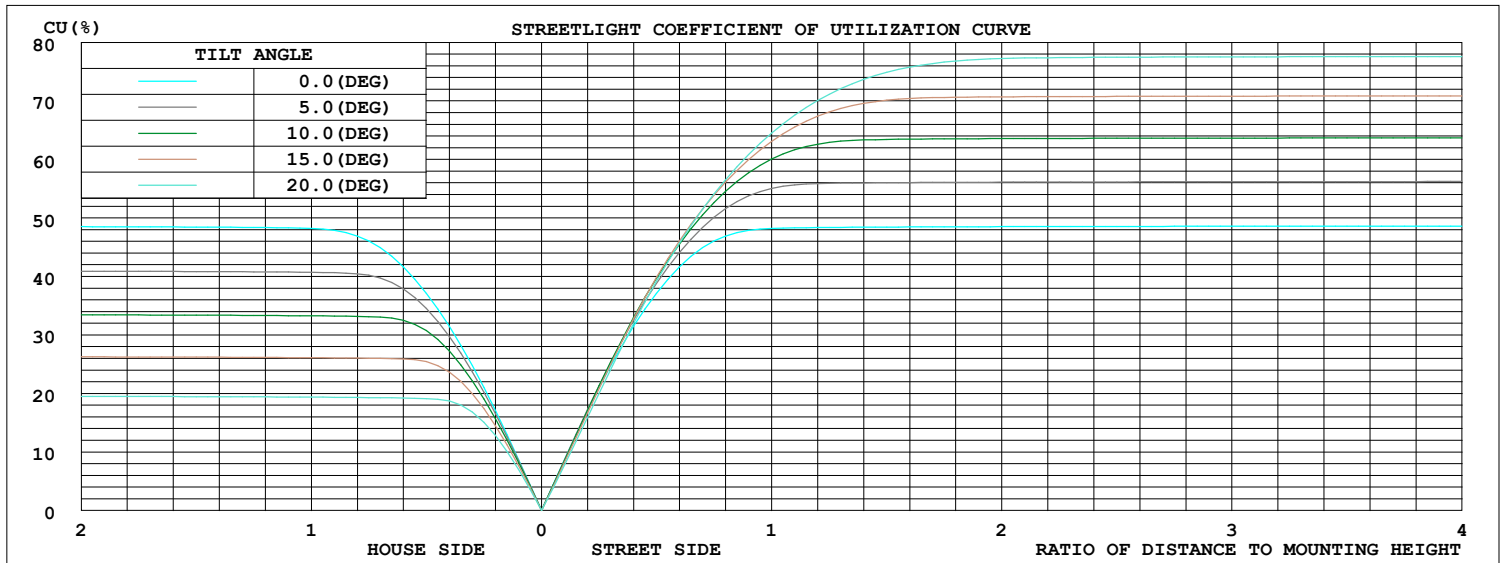
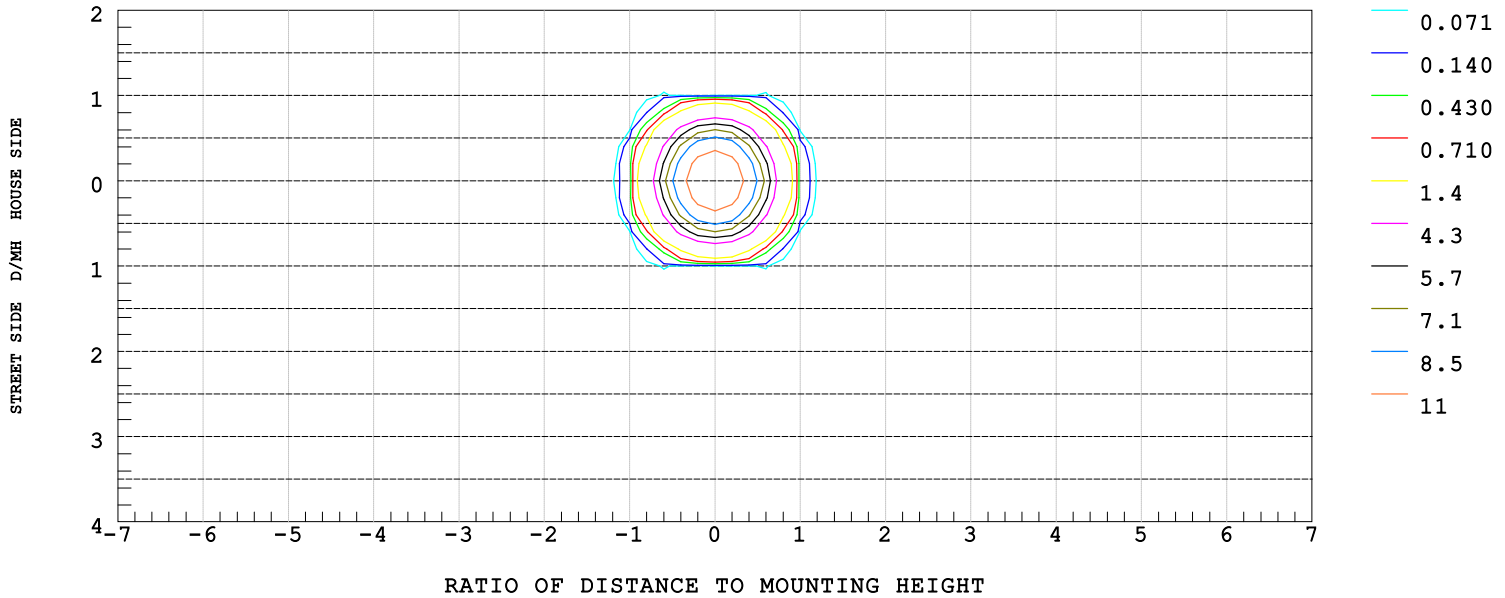
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000k

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-21 SAROORPUR NANGLA IND. AREA FARIBAAD HARYANA 121005		
NAME: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 14.17 lx



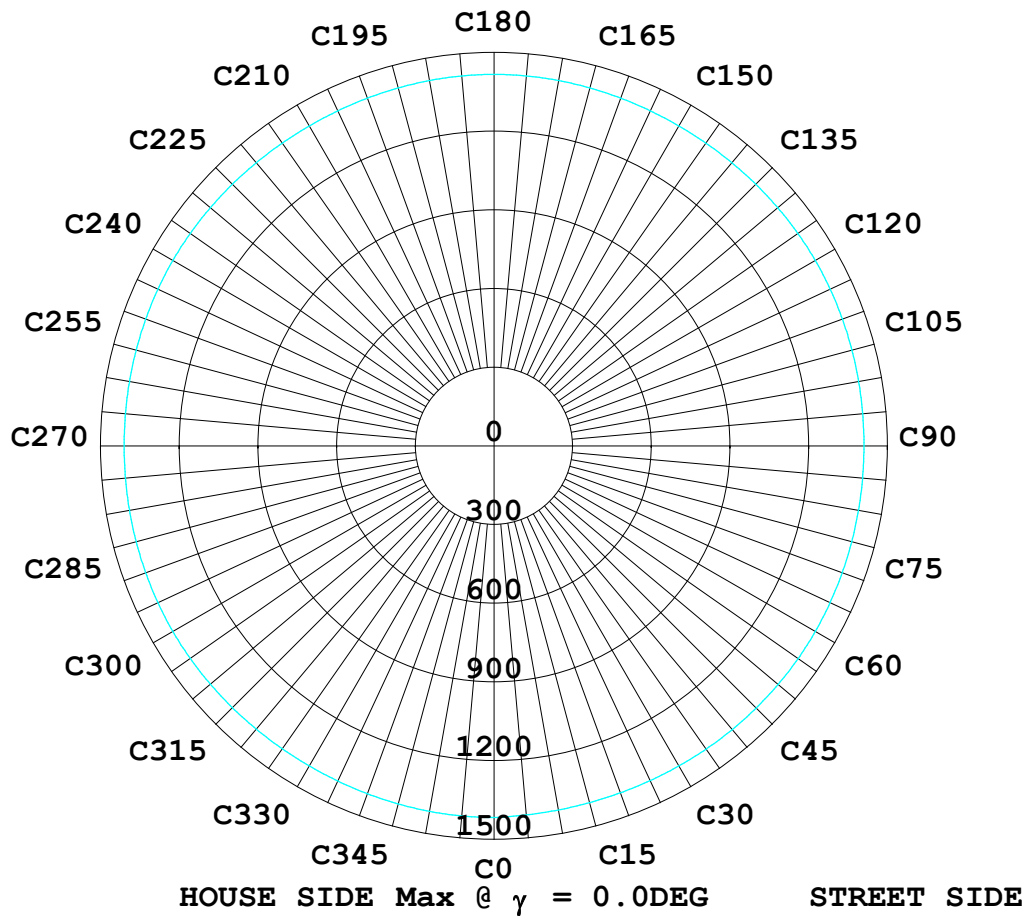
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:04-28-2023

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: 1009-1-2-1-2-3	TYPE: .5W 3K CRI 90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*50*90	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1417	1409	1415	1410	1415	1409	1417	1409	1415	1410	1415	1409
5.0	1407	1398	1414	1410	1414	1398	1407	1398	1414	1410	1414	1398
10.0	1380	1374	1399	1395	1399	1374	1380	1374	1399	1395	1399	1374
15.0	1340	1331	1365	1365	1365	1331	1340	1331	1365	1365	1365	1331
20.0	1285	1269	1311	1317	1311	1269	1285	1269	1311	1317	1311	1269
25.0	1215	1184	1236	1248	1236	1184	1215	1184	1236	1248	1236	1184
30.0	1113	1064	1131	1147	1131	1064	1113	1064	1131	1147	1131	1064
35.0	817	865	962	952	962	865	817	865	962	952	962	865
40.0	484	510	573	481	573	510	484	510	573	481	573	510
45.0	70.6	169	125	15.1	125	169	70.6	169	125	15.1	125	169
50.0	22.1	13.0	27.5	4.42	27.5	13.0	22.1	13.0	27.5	4.42	27.5	13.0
55.0	14.0	3.70	15.6	1.62	15.6	3.70	14.0	3.70	15.6	1.62	15.6	3.70
60.0	11.1	1.35	11.3	1.17	11.3	1.35	11.1	1.35	11.3	1.17	11.3	1.35
65.0	9.38	0.99	9.38	0.99	9.38	0.99	9.38	0.99	9.38	0.99	9.38	0.99
70.0	7.85	0.81	8.03	0.81	8.03	0.81	7.85	0.81	8.03	0.81	8.03	0.81
75.0	6.94	0.72	6.94	0.63	6.94	0.72	6.94	0.72	6.94	0.63	6.94	0.72
80.0	6.04	0.63	6.22	0.63	6.22	0.63	6.04	0.63	6.22	0.63	6.22	0.63
85.0	5.59	0.72	5.68	0.72	5.68	0.72	5.59	0.72	5.68	0.72	5.68	0.72
90.0	5.23	0.90	5.23	0.72	5.23	0.90	5.23	0.90	5.23	0.72	5.23	0.90
95.0	5.05	1.08	4.87	0.90	4.87	1.08	5.05	1.08	4.87	0.90	4.87	1.08
100.0	4.96	1.44	4.78	1.17	4.78	1.44	4.96	1.44	4.78	1.17	4.78	1.44
105.0	5.14	1.98	4.87	1.71	4.87	1.98	5.14	1.98	4.87	1.71	4.87	1.98
110.0	5.59	2.70	5.32	2.34	5.32	2.70	5.59	2.70	5.32	2.34	5.32	2.70
115.0	6.13	3.61	5.77	3.15	5.77	3.61	6.13	3.61	5.77	3.15	5.77	3.61
120.0	6.94	4.60	6.49	4.24	6.49	4.60	6.94	4.60	6.49	4.24	6.49	4.60
125.0	7.94	5.68	7.49	5.41	7.49	5.68	7.94	5.68	7.49	5.41	7.49	5.68
130.0	8.84	6.67	8.48	6.67	8.48	6.67	8.84	6.67	8.48	6.67	8.48	6.67
135.0	9.83	7.85	9.47	7.85	9.47	7.85	9.83	7.85	9.47	7.85	9.47	7.85
140.0	10.8	8.93	10.4	9.11	10.4	8.93	10.8	8.93	10.4	9.11	10.4	8.93
145.0	11.7	10.1	11.1	10.1	11.1	10.1	11.7	10.1	11.1	10.1	11.1	10.1
150.0	12.8	11.2	12.3	11.2	12.3	11.2	12.8	11.2	12.3	11.2	12.3	11.2
155.0	13.8	12.5	13.4	12.2	13.4	12.5	13.8	12.5	13.4	12.2	13.4	12.5
160.0	15.0	13.8	14.5	13.5	14.5	13.8	15.0	13.8	14.5	13.5	14.5	13.8
165.0	16.1	15.0	15.7	14.7	15.7	15.0	16.1	15.0	15.7	14.7	15.7	15.0
170.0	17.2	16.1	16.6	15.8	16.6	16.1	17.2	16.1	16.6	15.8	16.6	16.1
175.0	18.0	17.0	17.5	17.0	17.5	17.0	18.0	17.0	17.5	17.0	17.5	17.0
180.0	18.4	17.5	17.8	17.5	17.8	17.5	18.4	17.5	17.8	17.5	17.8	17.5

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