

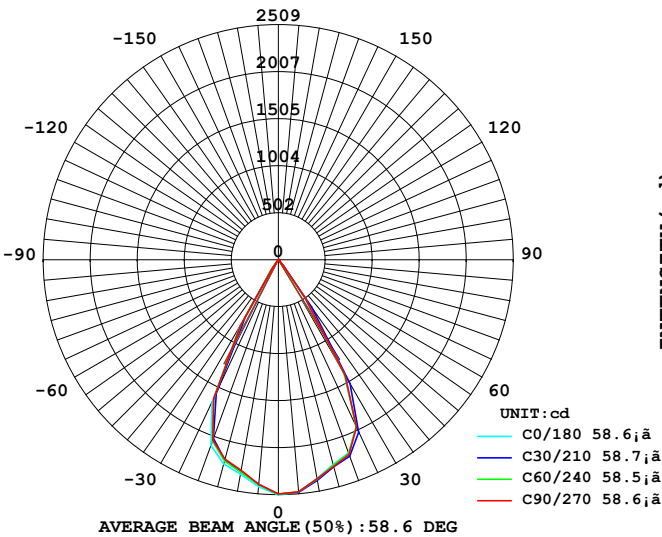
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

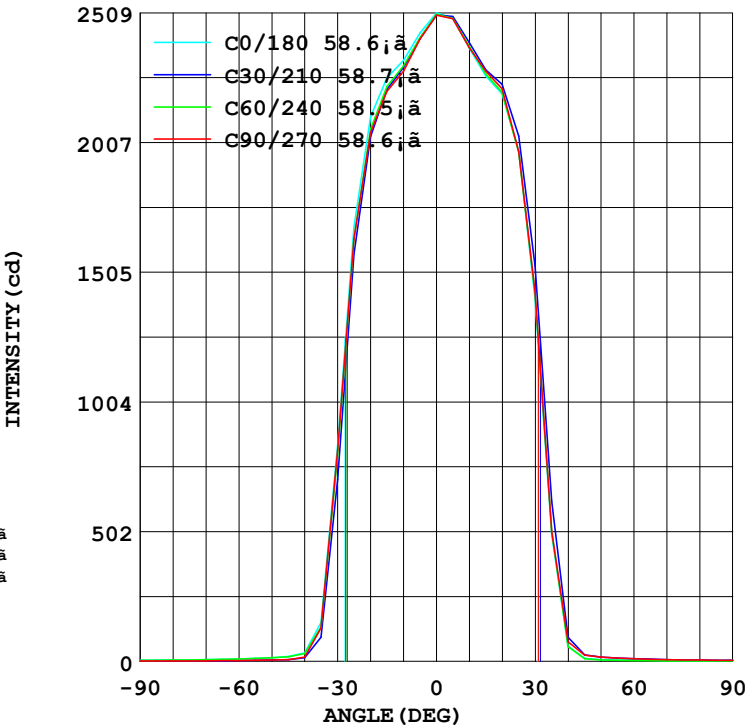
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2509	S/MH (C0/180)	0.80
MODEL	GE MACTY	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.79
NOMINAL POWER (W)	16	TOTAL FLUX (lm)	1960.7	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	124.1	Current (A)	0.083
NOMINAL FLUX (lm)	1960.8	η up (%)	0.0	Power (W)	15.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.865
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	1895.4	EEI	0.114

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:

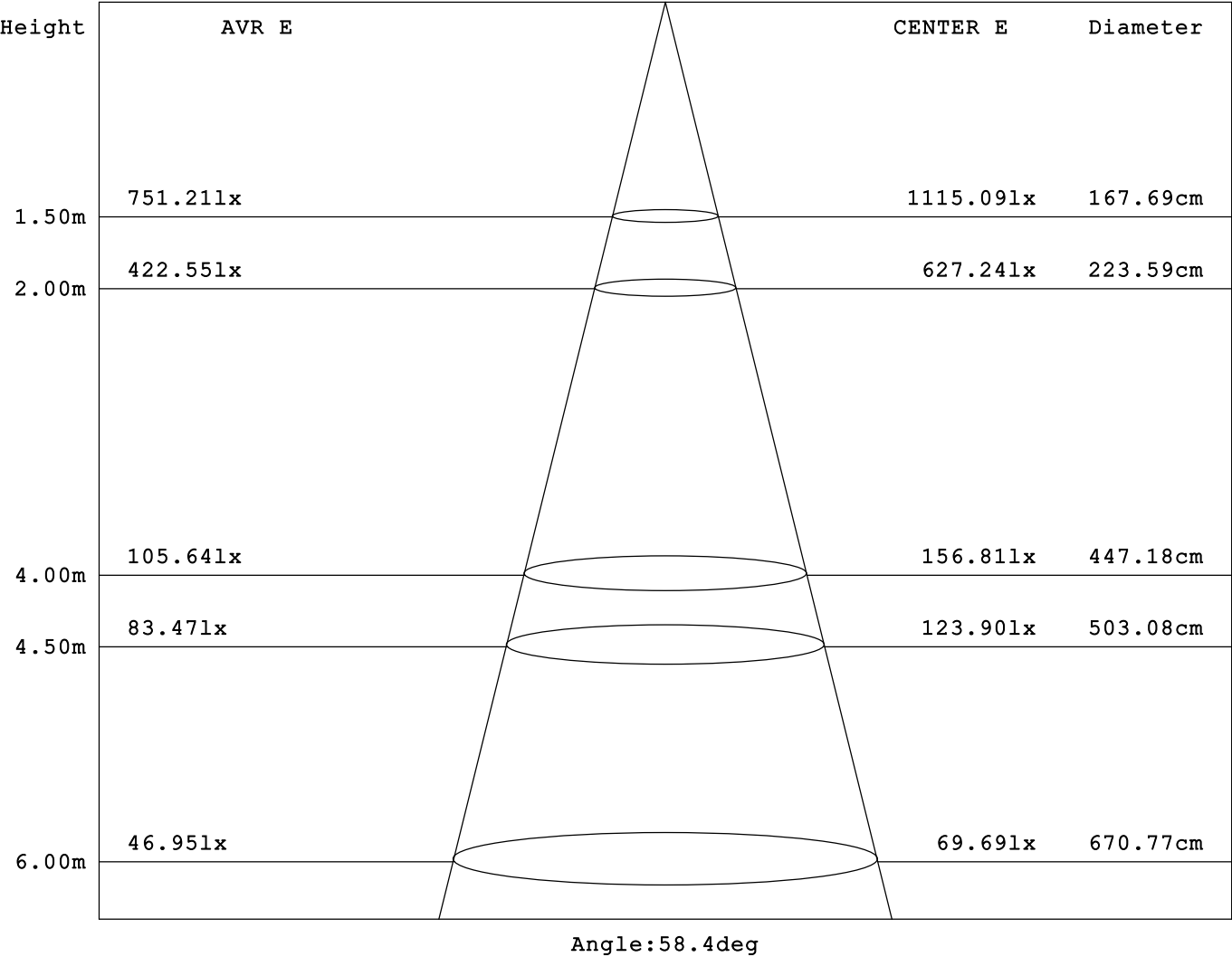
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2326	2301	2283	2314	2373	2387	2375	2343	0- 10	230.4	230.4
20.0	2107	2044	2047	2134	2195	2216	2215	2164	10- 20	633.8	864.3
30.0	836.5	749.4	817.9	1081	1400	1476	1428	1165	20- 30	785.1	1650
40.0	32.72	22.21	17.05	37.13	58.95	75.06	75.64	40.64	30- 40	273.9	1923
50.0	14.73	9.500	5.202	10.40	6.863	11.12	16.32	10.94	40- 50	16.22	1940
60.0	9.464	6.177	3.251	6.791	5.057	7.152	10.47	6.647	50- 60	7.659	1947
70.0	6.574	4.118	2.095	4.371	3.612	4.732	6.936	4.226	60- 70	5.529	1953
80.0	5.274	3.431	1.806	3.395	3.106	3.359	5.057	3.179	70- 80	4.117	1957
90.0	4.551	3.431	2.384	3.323	4.262	3.106	4.046	2.926	80- 90	3.724	1961
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:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

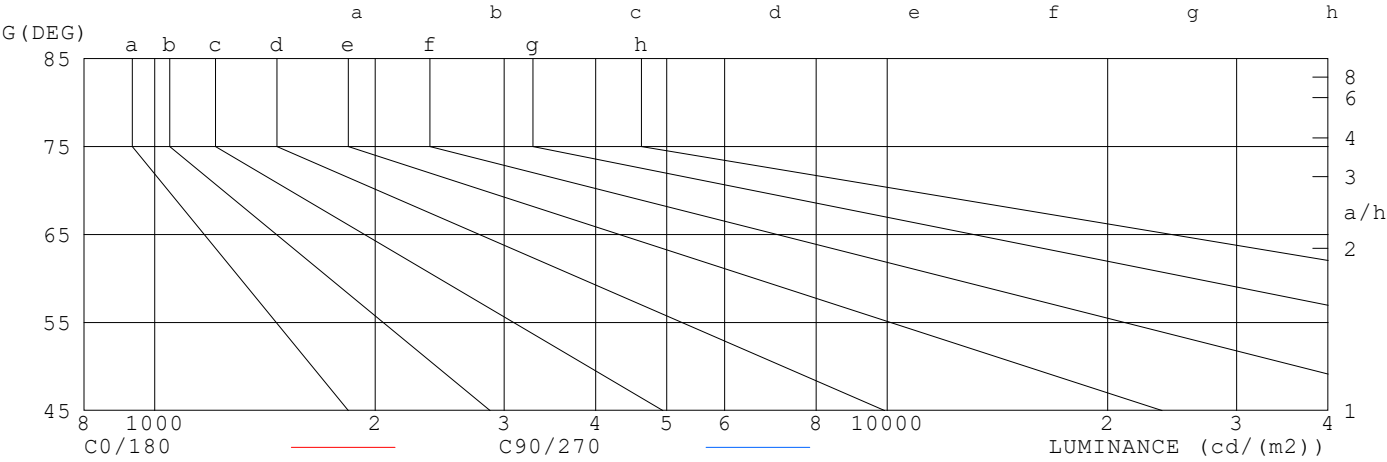
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	572	224
80	304	104
75	221	64
70	192	61
65	185	60
60	189	65
55	204	71
50	229	81
45	272	98

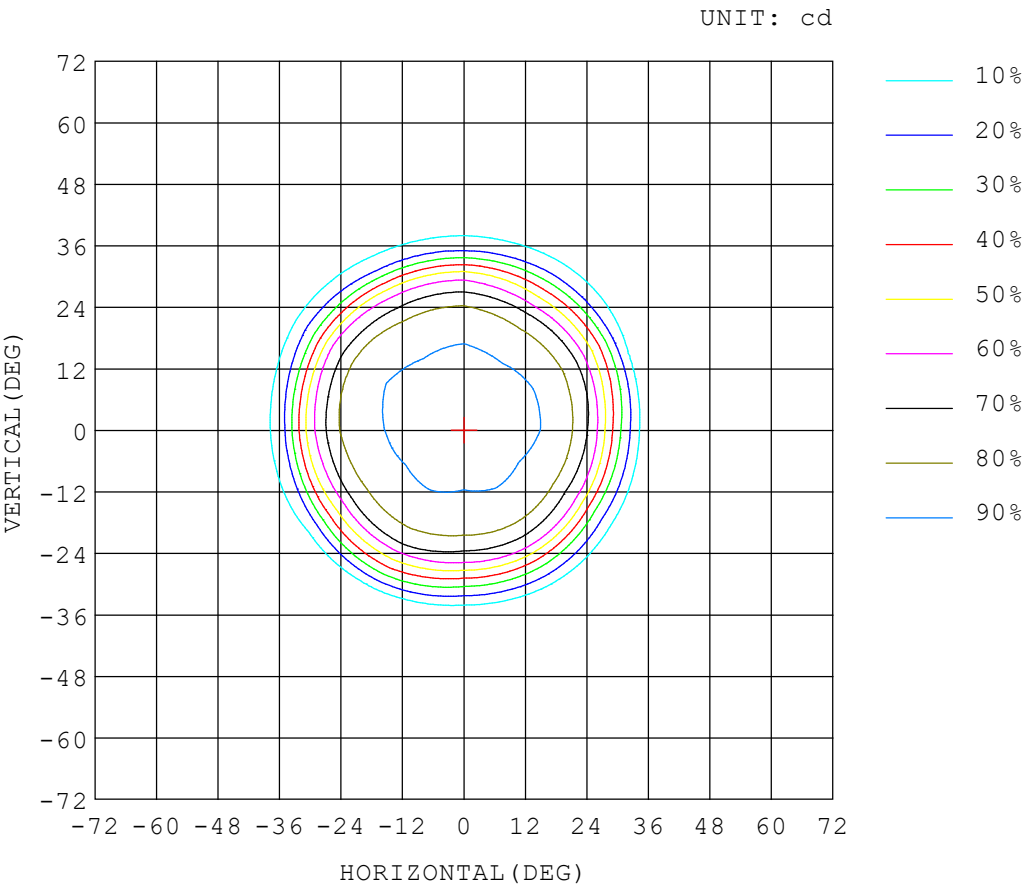
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:



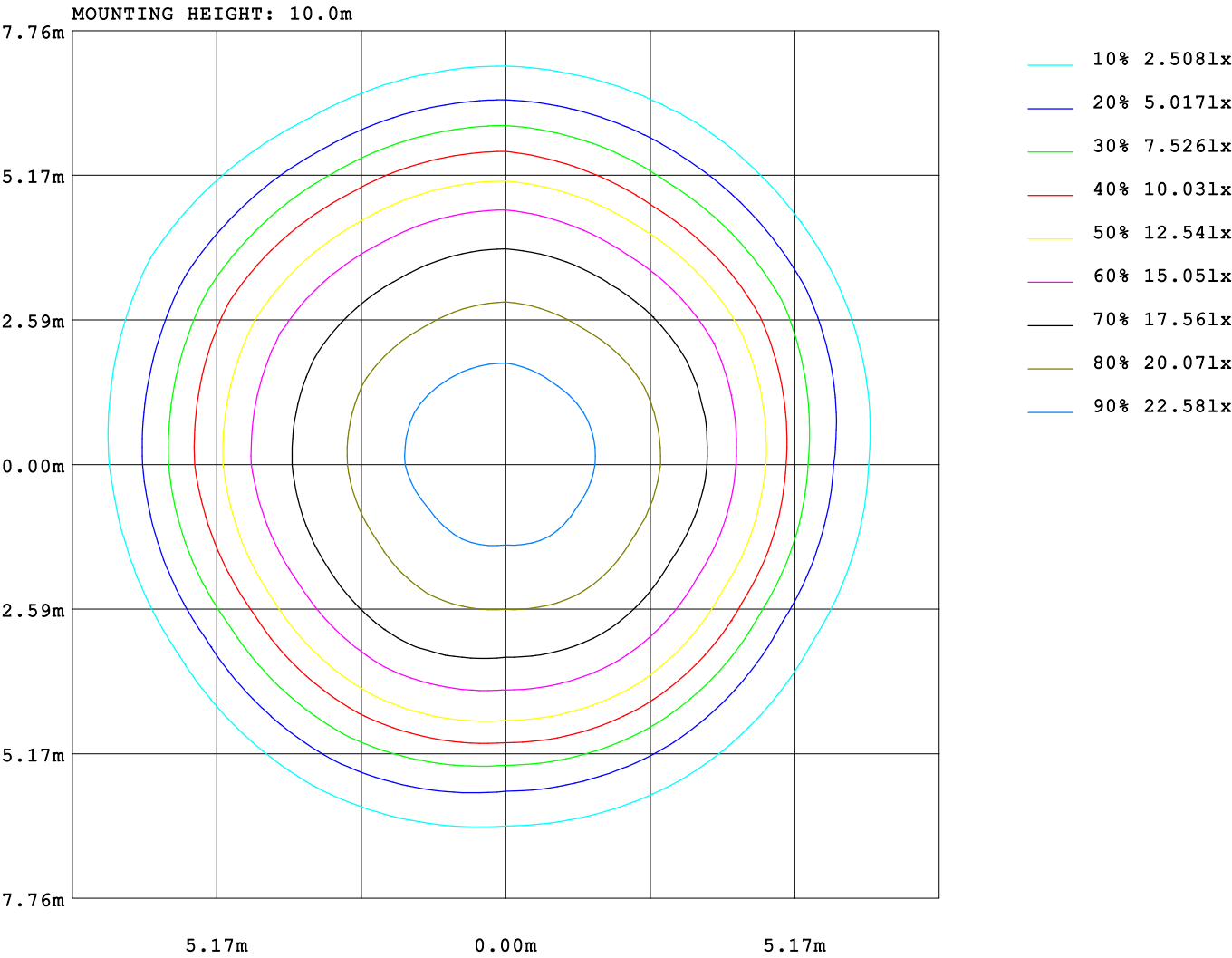
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019																				
NAME: GE MACTY										TYPE: 4000K CRI90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-100 H-150 MM					SERIAL No.:					

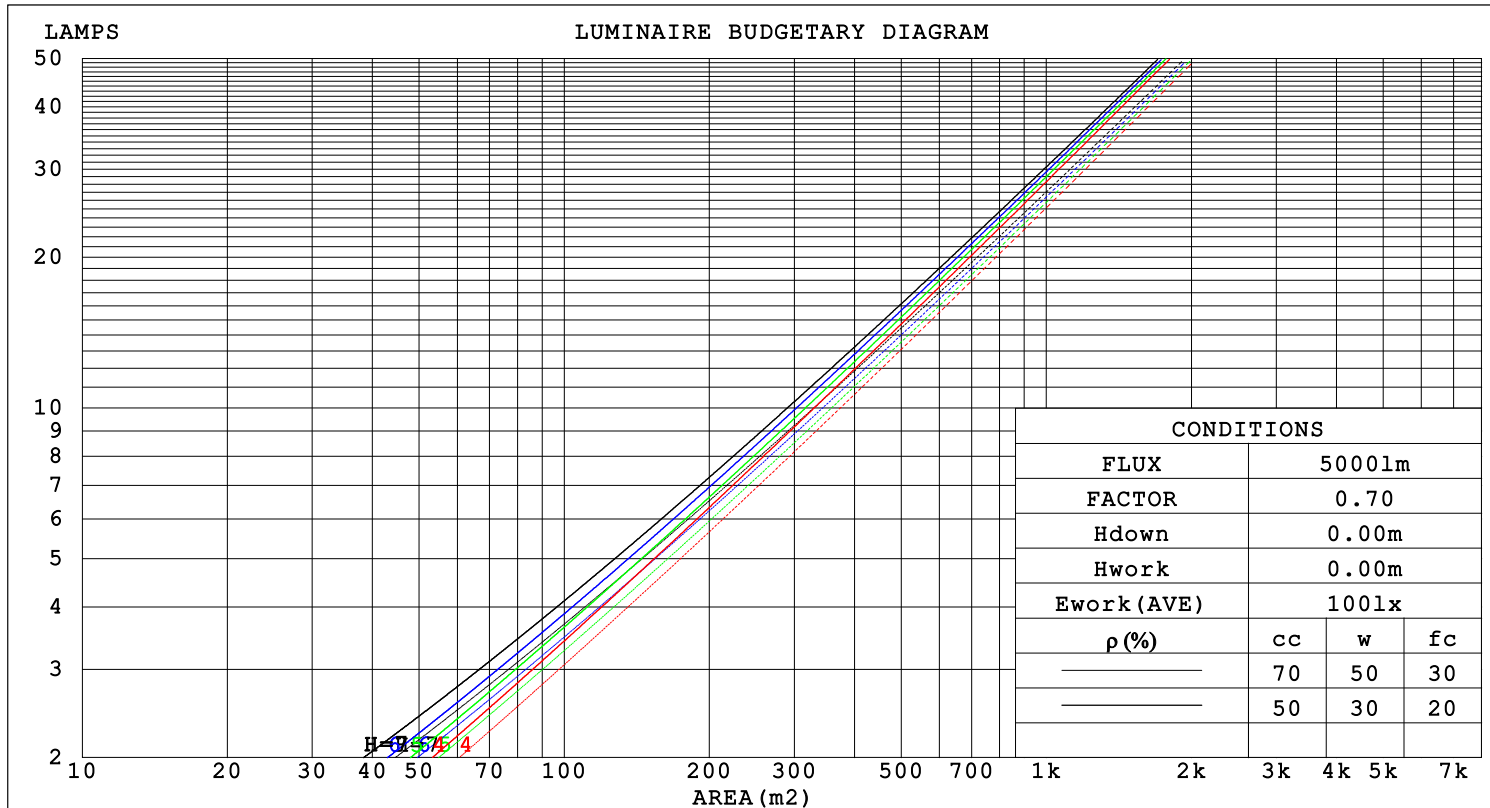
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.05	0.06	0.06	0.05	0.04	0.07	0.10	0.13	0.13	0.10	0.06	0.04	0.05	0.05	0.05	0.05	0.04	1.16	0.00		
64	0.03	0.05	0.07	0.08	0.07	0.06	0.09	0.14	0.18	0.18	0.14	0.09	0.06	0.07	0.07	0.07	0.05	0.04	1.53	0.00		
56	0.03	0.06	0.09	0.10	0.10	0.09	0.11	0.18	0.26	0.26	0.19	0.12	0.09	0.10	0.09	0.08	0.06	0.04	2.06	0.00		
48	0.04	0.06	0.11	0.14	0.15	0.15	0.19	0.43	0.68	0.65	0.39	0.18	0.15	0.14	0.13	0.10	0.07	0.04	3.78	0.00		
40	0.04	0.07	0.12	0.18	0.24	0.49	1.98	5.42	8.56	8.28	4.87	1.51	0.34	0.22	0.17	0.12	0.07	0.04	32.7	24.6		
32	0.04	0.07	0.12	0.22	0.61	4.01	13.9	24.8	30.6	29.7	22.1	10.9	2.41	0.40	0.22	0.13	0.08	0.05	141	136		
24	0.03	0.07	0.12	0.26	2.23	14.2	30.4	38.7	41.9	41.5	36.9	25.8	9.12	1.09	0.26	0.15	0.09	0.05	243	239		
VERTICAL (DEG)	0.03	0.06	0.11	0.35	5.08	23.6	37.9	42.9	45.1	44.8	42.2	35.0	17.0	2.25	0.31	0.16	0.09	0.05	297	294		
	0.03	0.05	0.09	0.39	7.11	27.4	39.6	44.3	47.7	47.1	43.7	37.5	20.4	3.11	0.33	0.16	0.09	0.05	319	316		
	0.03	0.05	0.08	0.33	6.38	26.0	38.8	43.5	46.7	46.3	43.1	36.5	18.9	2.63	0.29	0.15	0.09	0.05	310	307		
	0.03	0.05	0.07	0.22	3.46	19.2	34.9	41.6	43.8	43.6	40.7	31.4	12.7	1.27	0.21	0.12	0.08	0.05	274	270		
-24	0.02	0.04	0.06	0.12	1.06	8.79	24.6	35.5	38.8	38.3	33.2	19.7	4.76	0.42	0.14	0.10	0.06	0.04	206	202		
	0.02	0.04	0.06	0.08	0.23	1.90	8.68	17.9	22.2	21.2	14.8	5.62	0.86	0.15	0.09	0.07	0.05	0.04	94.1	88.3		
-32	0.02	0.03	0.05	0.07	0.15	0.35	1.14	2.43	3.41	3.01	1.66	0.72	0.27	0.13	0.07	0.05	0.04	0.03	13.6	4.53		
-40	0.02	0.03	0.04	0.07	0.13	0.22	0.31	0.31	0.25	0.23	0.27	0.28	0.20	0.12	0.06	0.04	0.03	0.03	2.63	0.00		
-48	0.02	0.02	0.03	0.07	0.11	0.18	0.20	0.17	0.12	0.12	0.16	0.19	0.16	0.11	0.06	0.03	0.03	0.02	1.79	0.00		
-56	0.02	0.02	0.03	0.06	0.10	0.14	0.14	0.12	0.08	0.08	0.11	0.13	0.13	0.09	0.05	0.03	0.02	0.02	1.37	0.00		
-64	0.02	0.02	0.03	0.05	0.08	0.11	0.10	0.08	0.06	0.06	0.08	0.10	0.10	0.08	0.05	0.03	0.02	0.02	1.07	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.49	0.83	1.32	2.85	27.3	127	233	299	331	326	285	206	87.8	12.4	2.65	1.64	1.08	0.70	1961			
Φ a	0.00	0.00	0.00	0.00	19.9	122	229	294	327	322	281	202	81.9	4.10	0.00	0.00	0.00	0.00		1895		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Report number:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.94	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.89	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.83	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.74	.71	.70
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.66
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.64	.61	.69	.64	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.59
10.0	.66	.61	.57	.66	.61	.57	.65	.61	.57	.65	.60	.57	.64	.60	.57	.56



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019															
NAME: GE MACTY								TYPE: 4000K CRI90				WEIGHT:			
SPECIFICATION:								DIMENSION: D-100 H-150 MM				SERIAL No.:			

pcc	80%			70%			50%			30%			10%			0														
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
pfc	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.170	.096	.031	.163	.093	.030	.150	.086	.028	.139	.080	.026	.128	.074	.024															
2.0	.160	.088	.027	.155	.085	.026	.144	.080	.025	.134	.075	.024	.125	.071	.022															
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.122	.068	.021															
4.0	.144	.075	.022	.140	.073	.022	.132	.070	.021	.125	.067	.020	.119	.065	.020															
5.0	.137	.070	.020	.134	.069	.020	.127	.066	.019	.121	.064	.019	.115	.062	.018															
6.0	.131	.066	.019	.128	.065	.019	.122	.063	.018	.117	.061	.018	.112	.059	.017															
7.0	.126	.062	.018	.123	.061	.017	.118	.060	.017	.113	.058	.017	.108	.056	.017															
8.0	.120	.059	.017	.118	.058	.016	.113	.057	.016	.109	.055	.016	.105	.054	.016															
9.0	.116	.056	.016	.114	.055	.016	.109	.054	.015	.106	.053	.015	.102	.052	.015															
10.0	.111	.053	.015	.109	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014															

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	.171	.157	.145	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.132	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.113	.091	.121	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	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	-1.6	-0.7	-1.3	-0.5	-0.4	-1.3	-0.4	-1.1	-0.2	-0.1
3H	-1.2	-0.4	-0.9	-0.2	0.0	-1.2	-0.4	-0.9	-0.2	0.0
4H	-0.8	-0.0	-0.5	0.2	0.4	-1.1	-0.3	-0.8	-0.1	0.1
6H	-0.1	0.6	0.2	0.9	1.1	-0.9	-0.2	-0.6	0.0	0.3
8H	0.5	1.2	0.8	1.4	1.7	-0.8	-0.1	-0.5	0.1	0.4
12H	1.2	1.9	1.5	2.2	2.4	-0.6	0.1	-0.3	0.3	0.6
4H 2H	-1.6	-0.9	-1.4	-0.7	-0.4	-1.3	-0.6	-1.1	-0.4	-0.1
3H	-1.2	-0.6	-0.9	-0.3	-0.0	-0.9	-0.3	-0.6	-0.0	0.3
4H	-0.8	-0.2	-0.4	0.1	0.4	-0.6	-0.0	-0.3	0.3	0.6
6H	0.1	0.7	0.5	1.0	1.4	-0.2	0.4	0.2	0.7	1.0
8H	0.9	1.4	1.3	1.8	2.1	0.1	0.6	0.5	1.0	1.3
12H	1.9	2.4	2.3	2.8	3.1	0.5	1.0	0.9	1.3	1.7
8H 4H	-0.7	-0.2	-0.3	0.2	0.6	-0.5	0.0	-0.1	0.4	0.7
6H	0.3	0.7	0.8	1.1	1.6	0.5	0.9	0.9	1.3	1.7
8H	1.2	1.6	1.7	2.0	2.4	1.1	1.5	1.5	1.9	2.3
12H	2.5	2.8	3.0	3.2	3.7	1.8	2.2	2.3	2.6	3.1
12H 4H	-0.6	-0.1	-0.2	0.3	0.6	-0.5	-0.0	-0.1	0.4	0.7
6H	0.5	0.9	1.0	1.3	1.7	0.6	0.9	1.0	1.4	1.8
8H	1.4	1.7	1.9	2.2	2.6	1.4	1.7	1.9	2.2	2.6

Variations with the observer position at spacings:

S = 1.0H	+ 0.7 / - 0.3	+ 0.3 / - 0.3
1.5H	+ 1.2 / - 0.5	+ 0.5 / - 0.5
2.0H	+ 0.9 / - 0.6	+ 0.6 / - 0.8

CIE Pub.117 Corrected 1961 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	85	81	90	84	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	99	96	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

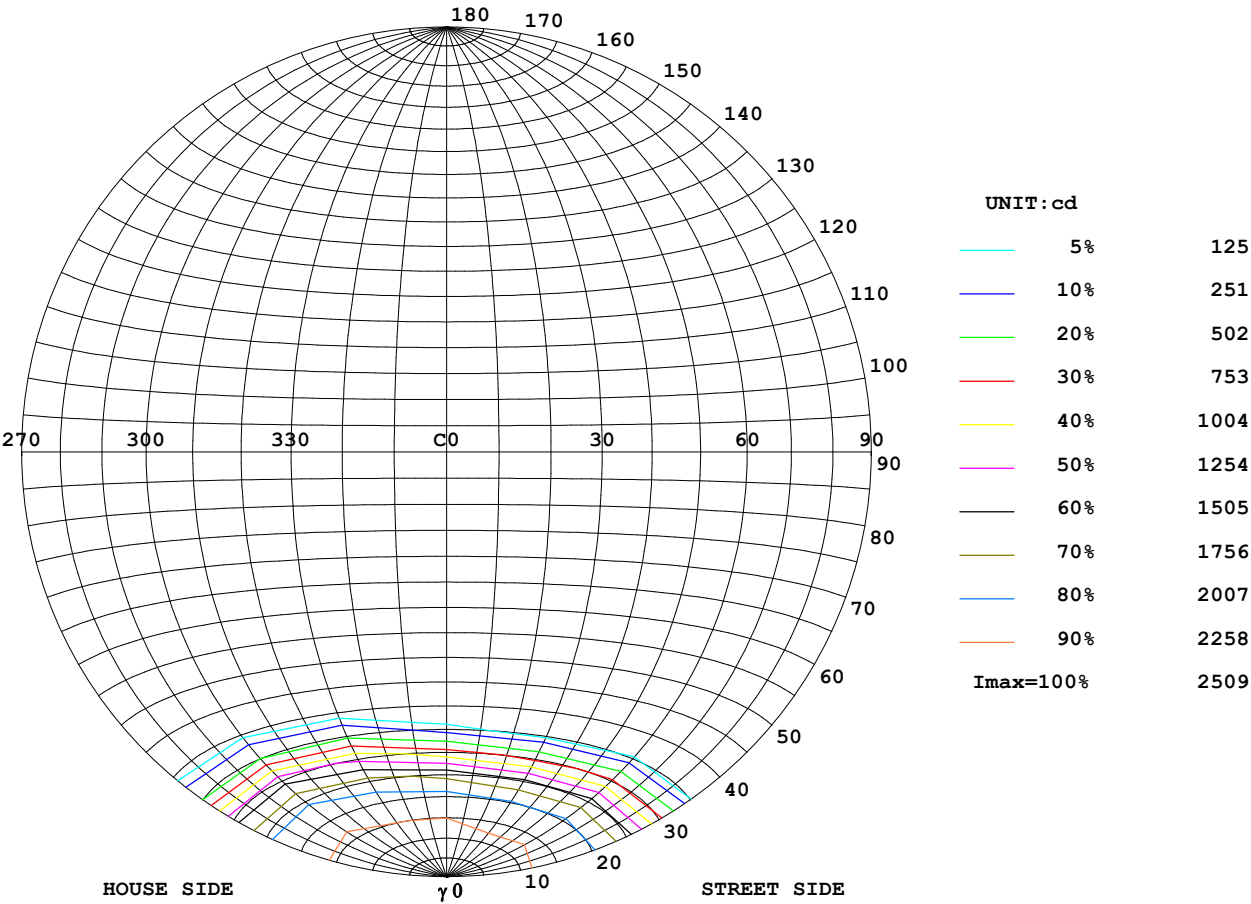
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

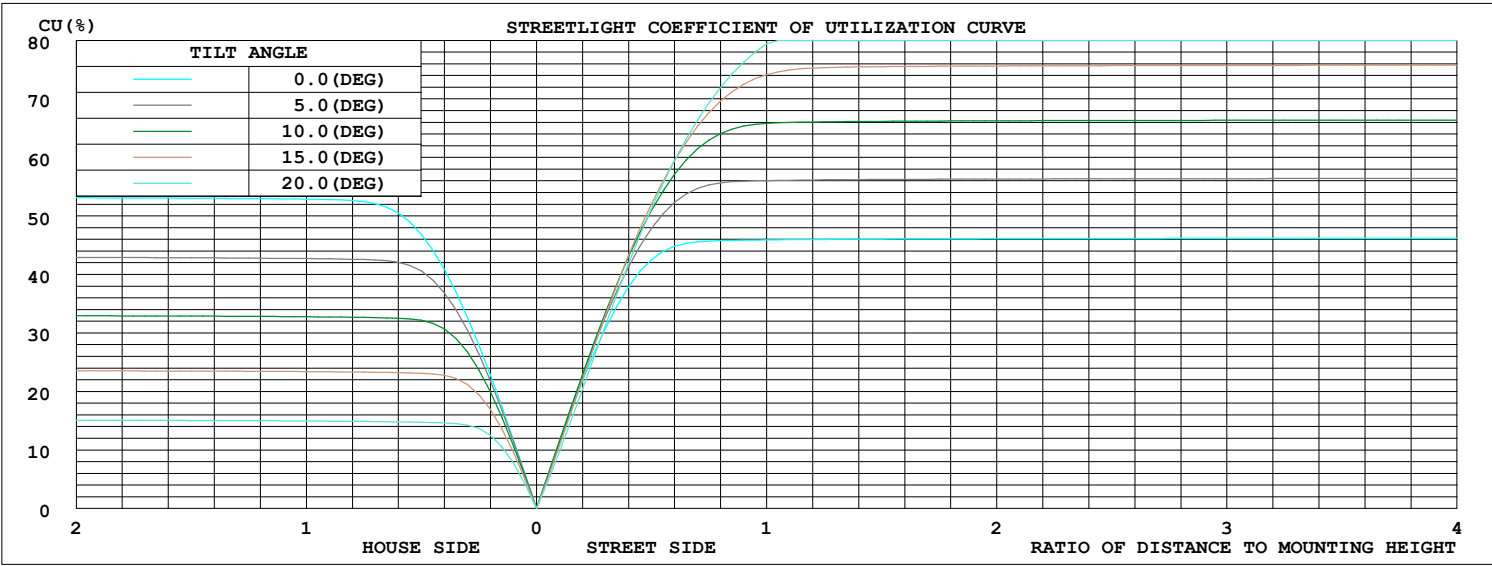
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 25.09 lx



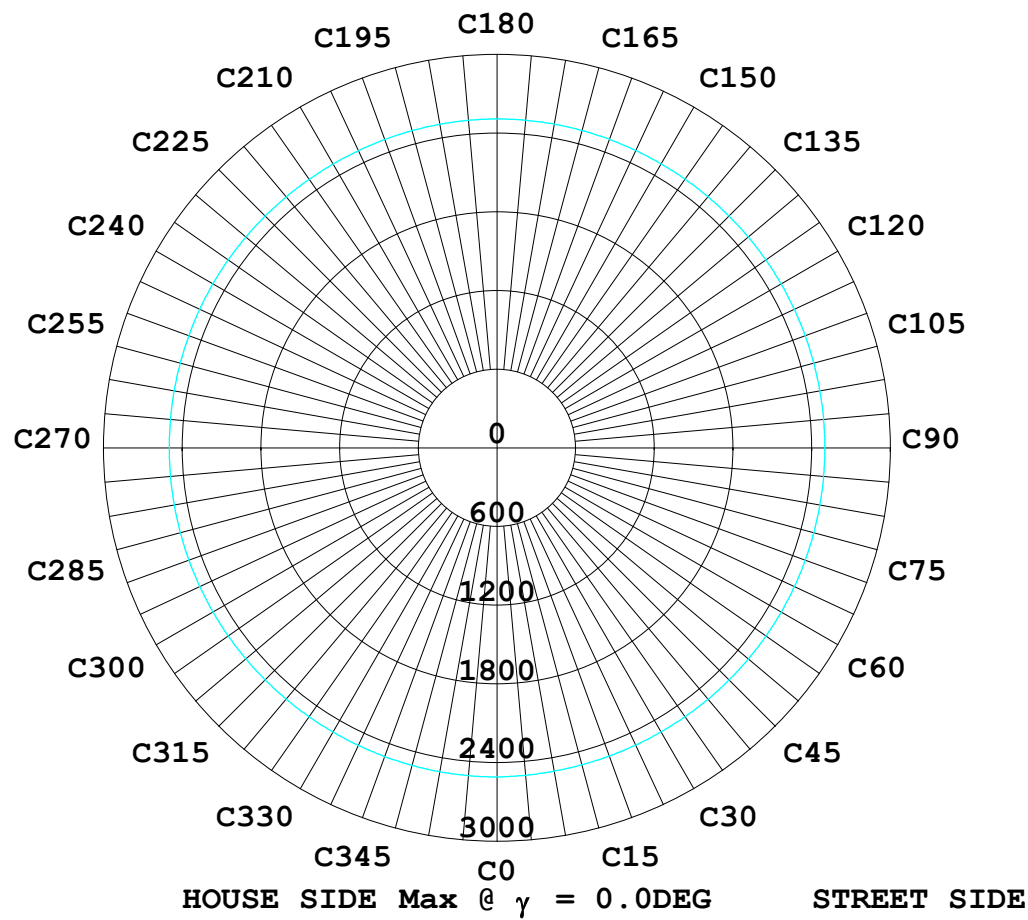
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:11-16-2024

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019		
NAME: GE MACTY	TYPE: 4000K CRI90	WEIGHT:
SPECIFICATION:	DIMENSION: D-100 H-150 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2509	2500	2503	2499	2502	2502	2509	2500	2503	2499	2502	2502
5.0	2430	2409	2411	2407	2428	2448	2488	2494	2487	2486	2463	2456
10.0	2326	2298	2304	2283	2311	2318	2373	2394	2381	2375	2345	2342
15.0	2257	2213	2224	2205	2233	2225	2265	2288	2272	2283	2259	2273
20.0	2107	2030	2058	2047	2130	2139	2195	2232	2201	2215	2161	2167
25.0	1680	1575	1635	1635	1769	1812	1973	2032	1969	1971	1852	1830
30.0	837	704	795	818	1041	1121	1400	1529	1423	1428	1193	1137
35.0	150	92.8	133	129	245	287	490	620	505	503	443	289
40.0	32.7	14.0	30.4	17.0	42.6	31.5	58.9	92.9	57.1	75.6	33.8	47.3
45.0	19.2	6.64	17.9	6.93	20.1	8.38	11.3	25.7	9.97	23.8	9.32	21.3
50.0	14.7	5.05	13.9	5.20	15.1	5.70	6.86	16.4	5.78	16.3	6.21	15.6
55.0	11.7	3.97	11.1	4.04	12.0	4.55	5.92	13.1	4.55	12.9	4.69	12.3
60.0	9.46	3.10	9.24	3.25	9.89	3.68	5.05	10.6	3.61	10.4	3.54	9.75
65.0	7.80	2.45	7.58	2.52	8.01	2.74	4.26	8.74	2.89	8.45	2.67	7.87
70.0	6.57	1.95	6.28	2.09	6.64	2.09	3.61	7.22	2.23	6.93	1.95	6.50
75.0	5.70	1.80	5.41	1.66	5.56	1.73	3.17	5.92	1.73	5.70	1.58	5.41
80.0	5.27	1.87	4.98	1.80	5.05	1.73	3.10	5.12	1.58	5.05	1.51	4.84
85.0	4.98	2.16	4.69	1.95	4.69	1.80	3.25	4.69	1.58	4.62	1.58	4.47
90.0	4.55	2.52	4.33	2.38	4.33	2.31	4.26	4.19	2.02	4.04	1.95	3.90

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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