

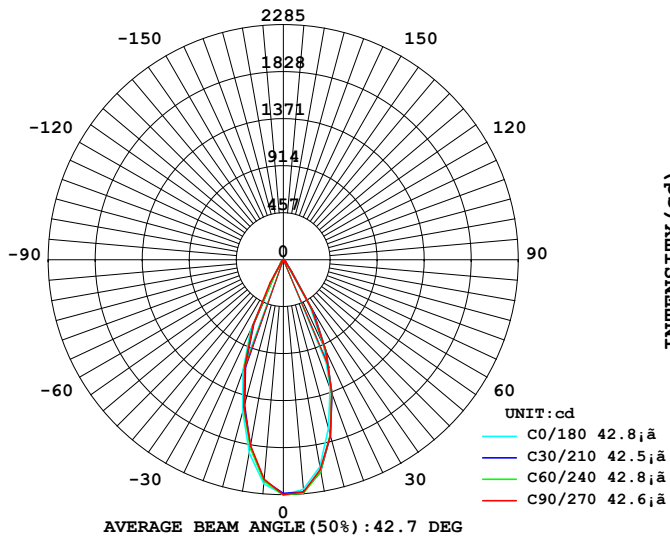
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

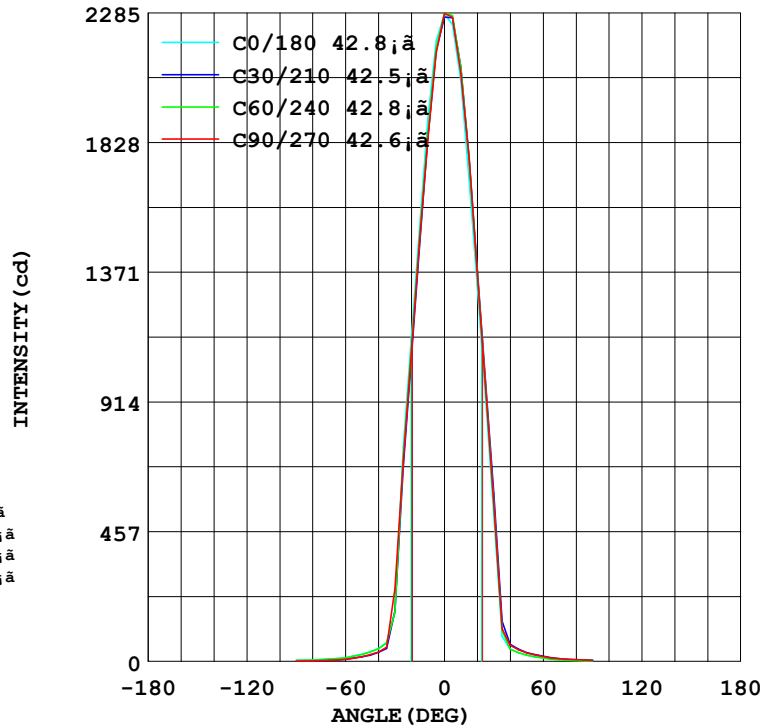
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2285	S/MH (C0/180)	0.64
MODEL	GE MACTY	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.62
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	1174.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	115.7	Current (A)	0.046
NOMINAL FLUX (lm)	1174.5	η up (%)	0.0	Power (W)	10.15
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	1075.9	EEI	0.124

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-25-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

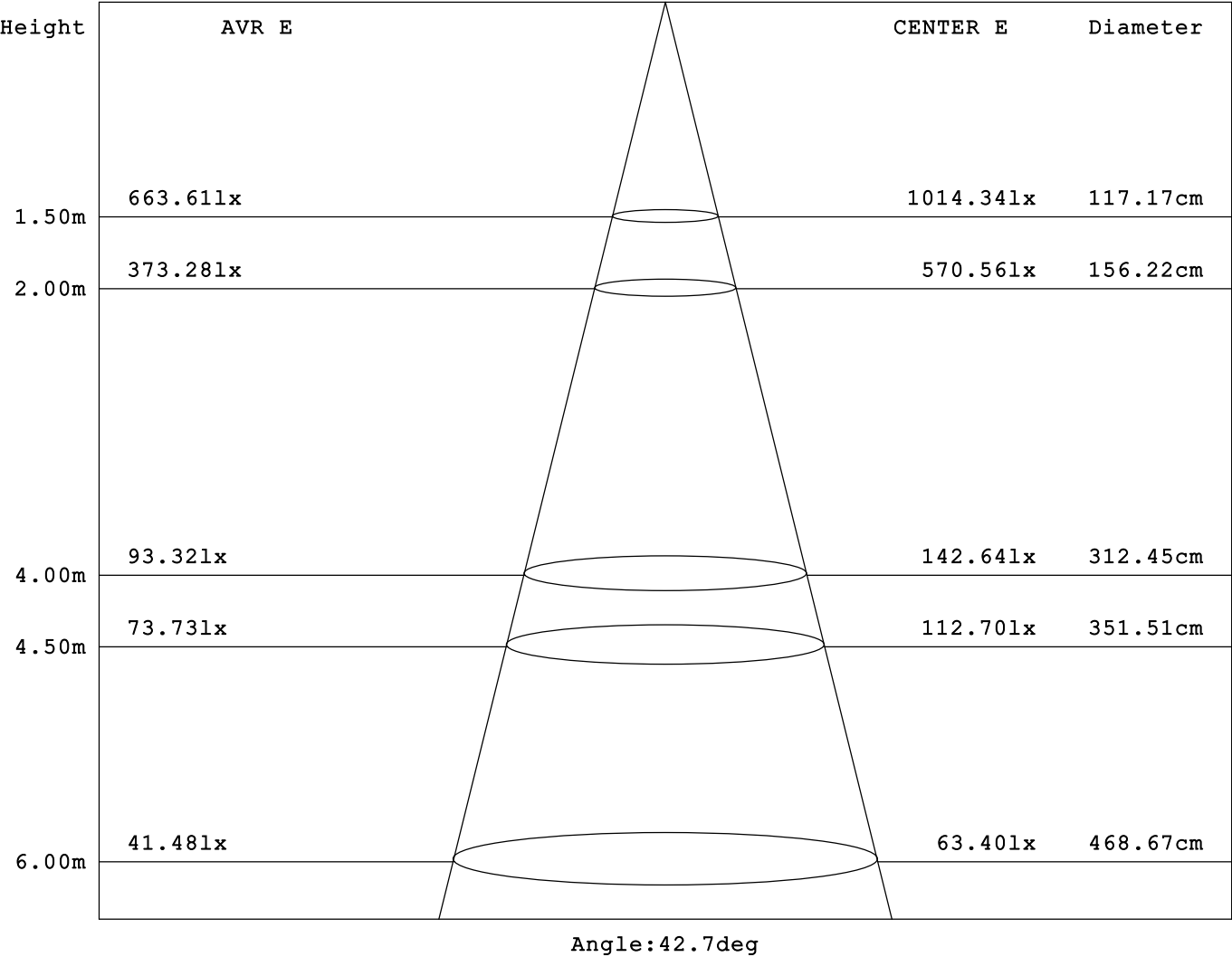
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

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Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1913	1853	1840	1913	2046	2094	2072	2008	0- 10	203.1	203.1
20.0	1149	1096	1098	1197	1328	1383	1375	1270	10- 20	448.5	651.6
30.0	174.5	175.2	255.3	398.2	514.4	573.7	555.1	430.3	20- 30	373.1	1025
40.0	46.08	38.39	33.61	43.41	43.25	51.75	57.34	44.34	30- 40	89.85	1115
50.0	25.11	20.29	16.76	22.63	22.11	26.44	29.88	22.92	40- 50	25.43	1140
60.0	13.20	9.801	7.452	12.23	12.55	14.86	17.57	12.55	50- 60	15.83	1156
70.0	8.424	5.953	3.969	6.520	6.642	7.533	9.477	6.520	60- 70	9.105	1165
80.0	5.589	3.726	2.187	4.009	4.374	4.414	5.913	3.847	70- 80	5.724	1171
90.0	3.888	2.713	1.701	2.592	4.293	2.754	3.483	2.349	80- 90	3.710	1175
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:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	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	530	167
80	322	126
75	263	116
70	246	116
65	249	128
60	264	149
55	339	216
50	391	261
45	480	338

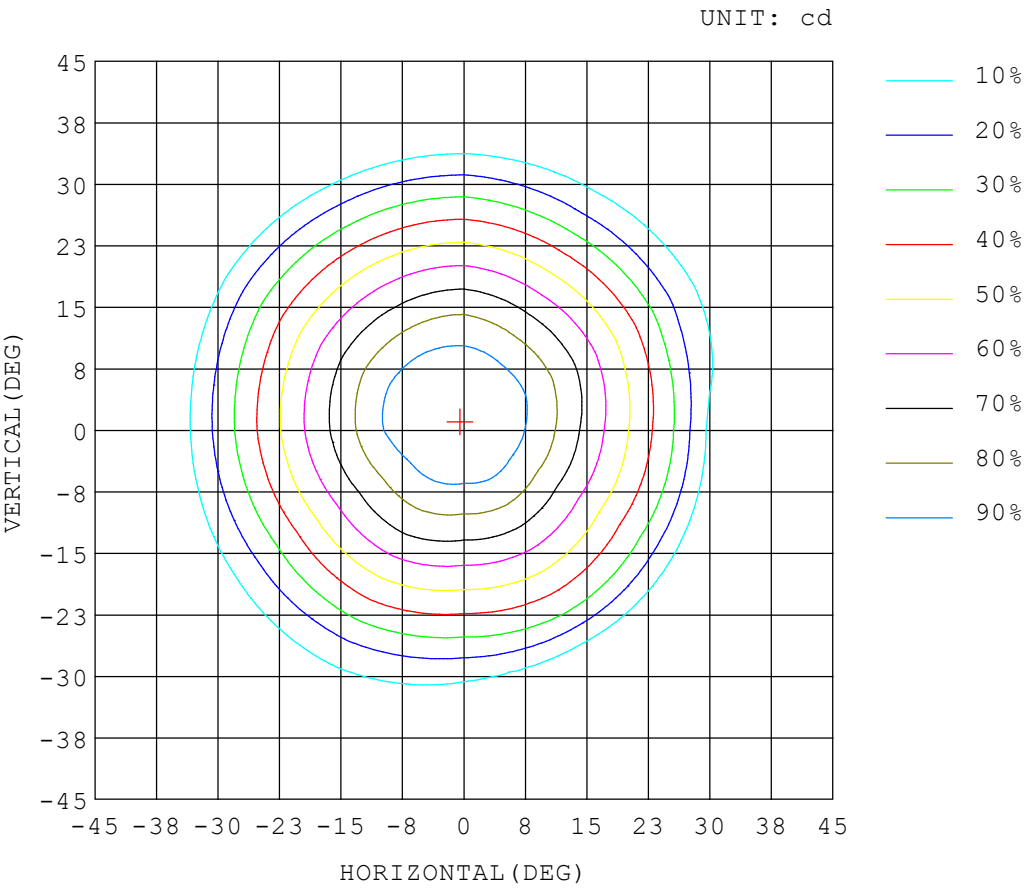
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:



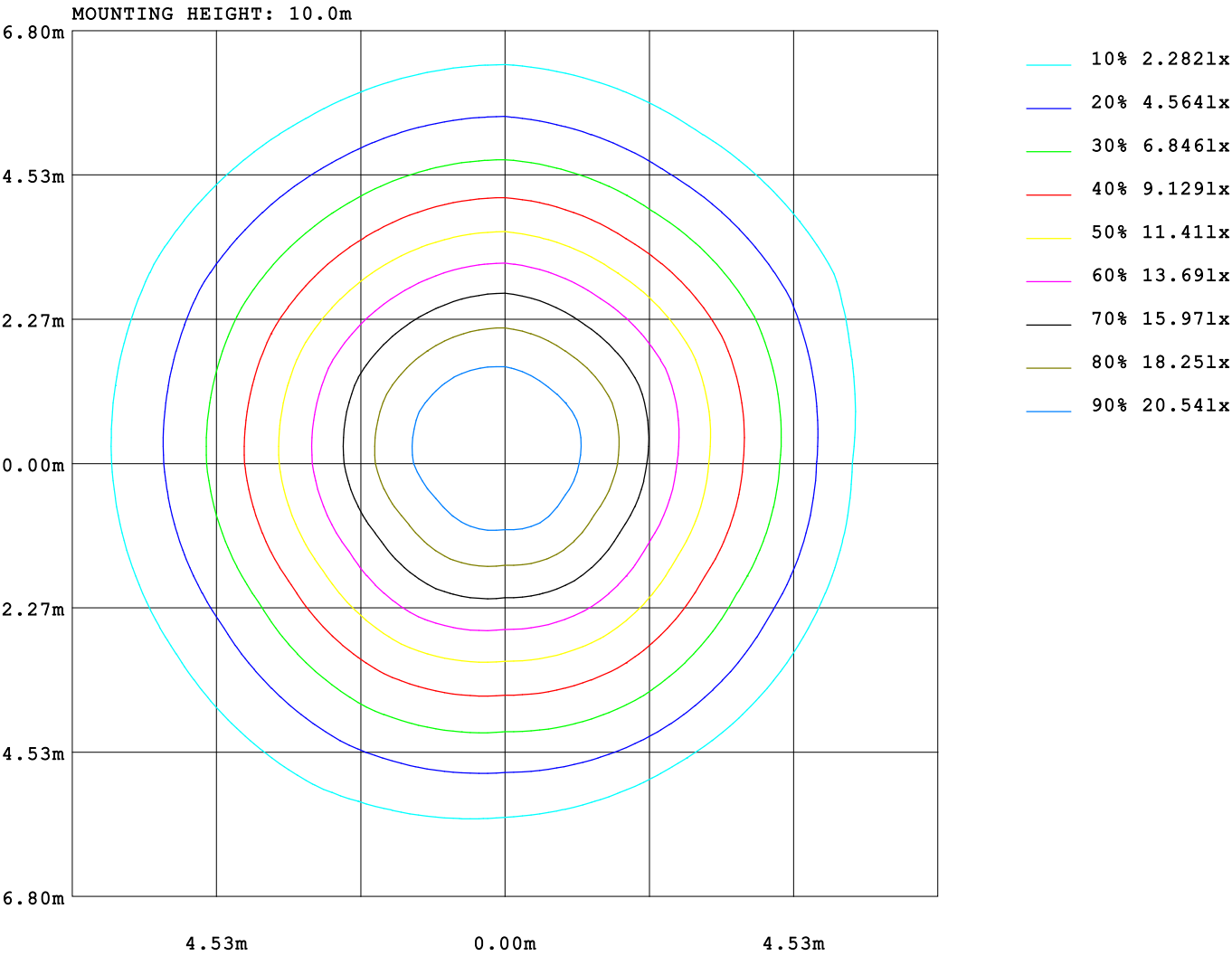
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019

NAME: GE MACTY

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-69 H-150 MM

SERIAL No.:

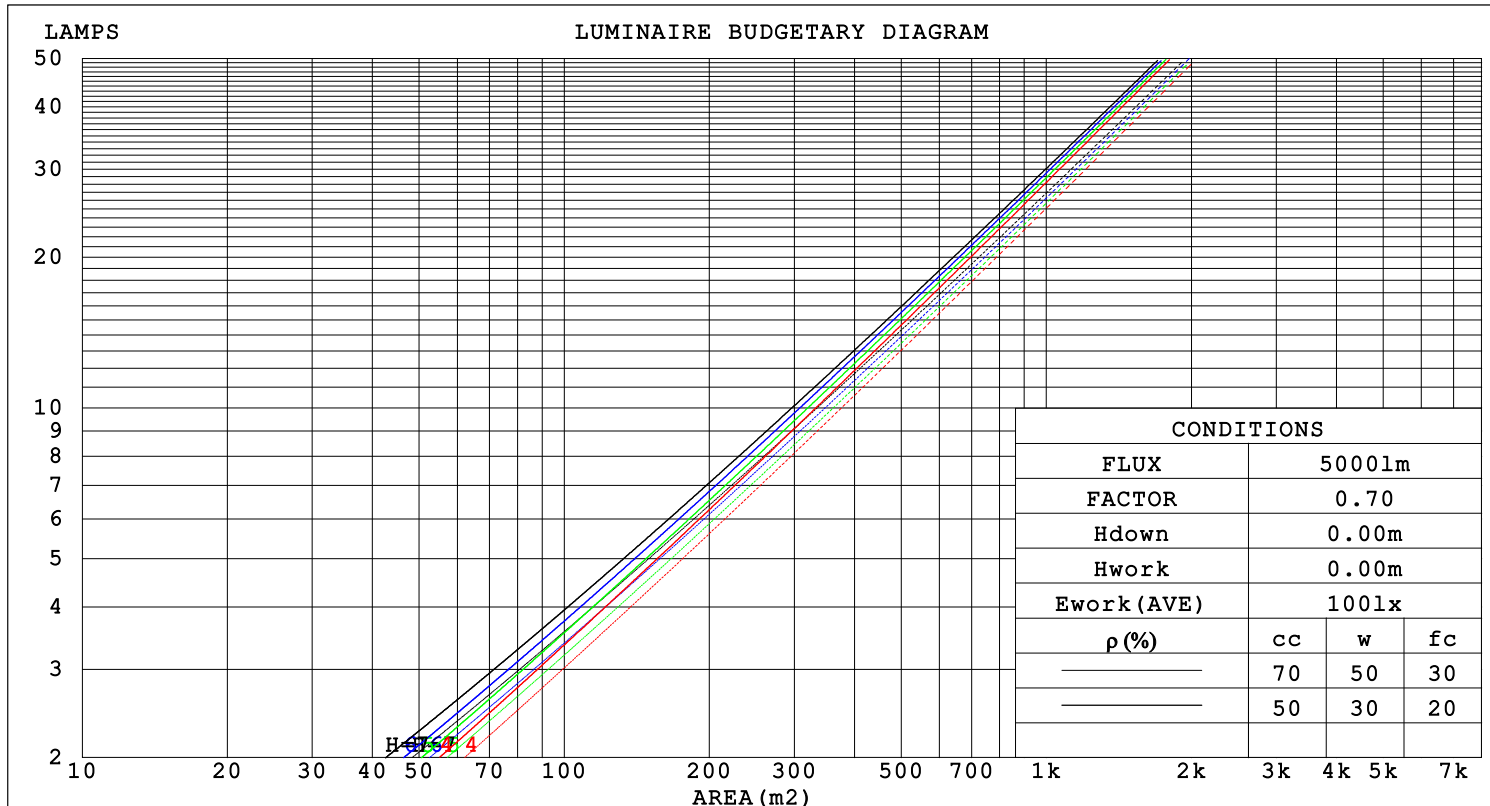
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	0.11	0.13	0.15	0.18	0.20	0.24	0.28	0.33	0.36	0.36	0.32	0.27	0.22	0.18	0.15	0.13	0.12	0.10	3.81	0.00				
45																								
40	0.13	0.16	0.20	0.24	0.27	0.33	0.45	0.56	0.64	0.62	0.51	0.39	0.29	0.24	0.21	0.17	0.14	0.12	5.65	0.00				
35	0.16	0.21	0.26	0.32	0.46	0.71	1.31	2.02	2.47	2.38	1.79	1.04	0.49	0.34	0.27	0.22	0.18	0.14	14.7	8.04				
30	0.18	0.25	0.34	0.56	1.15	2.60	4.08	5.15	5.72	5.58	4.75	3.45	1.98	0.77	0.38	0.28	0.22	0.16	37.6	33.2				
25	0.20	0.29	0.51	1.19	3.15	5.15	6.84	8.13	8.82	8.67	7.70	6.17	4.29	2.31	0.75	0.36	0.25	0.18	65.0	61.6				
20	0.21	0.33	0.76	2.61	5.09	7.36	9.39	10.9	11.8	11.6	10.4	8.65	6.54	4.07	1.76	0.47	0.28	0.20	92.6	89.8				
15	0.22	0.39	1.21	3.82	6.57	9.23	11.6	13.4	14.4	14.2	12.9	10.8	8.32	5.57	2.55	0.73	0.32	0.21	117	114				
	0.22	0.42	1.69	4.57	7.52	10.4	13.2	15.3	16.4	16.1	14.7	12.4	9.47	6.45	3.05	0.91	0.34	0.22	134	131				
	0.22	0.42	1.93	4.88	7.94	10.9	13.9	16.1	17.2	16.9	15.5	12.9	9.82	6.75	3.22	0.87	0.34	0.23	140	138				
	0.21	0.38	1.83	4.69	7.68	10.6	13.4	15.6	16.7	16.6	15.0	12.4	9.47	6.50	3.00	0.76	0.33	0.22	136	133				
	0.19	0.34	1.41	4.02	6.79	9.51	12.0	14.0	15.1	14.9	13.5	11.1	8.50	5.71	2.37	0.64	0.29	0.20	121	118				
-15	0.18	0.28	0.85	2.99	5.43	7.93	10.2	11.9	12.6	12.5	11.4	9.47	7.05	4.36	1.49	0.47	0.25	0.18	99.7	97.0				
-20	0.16	0.23	0.41	1.75	3.86	6.06	8.00	9.34	9.85	9.70	8.92	7.37	5.24	2.54	0.81	0.30	0.21	0.15	74.9	72.0				
-25	0.14	0.19	0.29	0.68	2.16	3.88	5.49	6.51	6.89	6.77	6.14	4.76	2.65	1.05	0.42	0.23	0.17	0.13	48.6	45.0				
-30	0.12	0.16	0.23	0.35	0.73	1.77	2.77	3.44	3.70	3.50	2.80	1.71	0.91	0.48	0.29	0.20	0.14	0.10	23.4	18.2				
-35	0.10	0.14	0.20	0.27	0.37	0.52	0.83	1.13	1.21	1.09	0.86	0.60	0.43	0.32	0.24	0.17	0.12	0.09	8.70	0.82				
-40	0.09	0.12	0.17	0.22	0.28	0.33	0.36	0.36	0.34	0.33	0.34	0.33	0.30	0.25	0.20	0.15	0.11	0.08	4.34	0.00				
-45	0.08	0.10	0.14	0.18	0.22	0.24	0.25	0.25	0.23	0.23	0.24	0.24	0.23	0.20	0.16	0.12	0.09	0.06	3.24	0.00				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45				
Φ t	2.91	4.57	12.5	33.5	59.9	88.0	115	135	145	142	128	104	76.2	48.1	21.3	7.19	3.89	2.73	1175					
Φ a	0.00	0.00	6.10	29.3	56.3	84.9	112	132	142	140	125	101	72.6	44.2	15.8	0.00	0.00	0.00		1076				

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 5700K

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	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94														
2.0	1.05	1.01	.98	1.03	.00	.97	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89														
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84														
4.0	.93	.88	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.84	.81	.80														
5.0	.88	.83	.80	.88	.83	.79	.86	.82	.78	.84	.81	.78	.83	.80	.77	.76														
6.0	.84	.79	.75	.83	.78	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.72														
7.0	.80	.75	.71	.80	.75	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69														
8.0	.77	.71	.68	.76	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.66														
9.0	.73	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.67	.64	.63														
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.68	.64	.61	.60														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: GE MACTY							TYPE: 5700K CRI-90					WEIGHT:		
SPECIFICATION: OSRAM 250 MA							DIMENSION: D-69 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	.167	.095	.030	.160	.091	.029	.147	.085	.027	.136	.078	.025	.125	.073	.023	
2.0	.156	.086	.026	.151	.083	.026	.140	.078	.024	.130	.073	.023	.121	.069	.022	
3.0	.147	.078	.023	.142	.076	.023	.133	.072	.022	.125	.068	.021	.117	.065	.020	
4.0	.138	.072	.021	.134	.070	.021	.127	.067	.020	.120	.064	.019	.113	.062	.019	
5.0	.131	.067	.019	.128	.066	.019	.121	.063	.019	.115	.061	.018	.109	.058	.018	
6.0	.125	.062	.018	.122	.061	.018	.116	.059	.017	.110	.057	.017	.105	.056	.016	
7.0	.119	.059	.017	.116	.058	.016	.111	.056	.016	.106	.055	.016	.102	.053	.016	
8.0	.113	.055	.016	.111	.055	.015	.107	.053	.015	.102	.052	.015	.098	.051	.015	
9.0	.109	.053	.015	.107	.052	.015	.103	.051	.014	.099	.050	.014	.095	.048	.014	
10.0	.104	.050	.014	.102	.049	.014	.099	.048	.014	.095	.047	.013	.092	.046	.013	

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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.154	.133	.114	.132	.114	.099	.090	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.141	.113	.092	.121	.098	.080	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.120	.087	.062	.103	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.112	.077	.052	.096	.067	.045	.066	.047	.032	.039	.027	.019	.012	.009	.006	
7.0	.105	.069	.044	.090	.060	.038	.063	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.099	.063	.038	.085	.055	.033	.059	.038	.023	.034	.023	.014	.011	.007	.005	
9.0	.094	.057	.033	.081	.050	.029	.056	.035	.020	.033	.021	.012	.011	.007	.004	
10.0	.089	.053	.029	.077	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: GE MACTY					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-69 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	-0.2	0.6	-0.0	0.8	0.9	-0.0	0.8	0.2	1.0	1.1
	3H	0.7	1.5	1.0	1.7	1.9	0.5	1.3	0.8	1.5	1.7
	4H	1.3	2.1	1.6	2.3	2.5	0.8	1.6	1.1	1.8	2.0
	6H	2.1	2.8	2.4	3.0	3.3	1.1	1.8	1.4	2.0	2.3
	8H	2.6	3.2	2.9	3.5	3.8	1.2	1.8	1.5	2.1	2.3
	12H	3.2	3.8	3.5	4.1	4.3	1.3	1.9	1.6	2.2	2.4
4H	2H	0.0	0.7	0.3	1.0	1.2	0.2	1.0	0.5	1.2	1.4
	3H	1.0	1.6	1.3	1.9	2.2	1.2	1.8	1.5	2.1	2.4
	4H	1.7	2.3	2.0	2.6	2.9	1.7	2.3	2.1	2.6	2.9
	6H	2.6	3.1	3.0	3.5	3.8	2.2	2.7	2.6	3.1	3.4
	8H	3.2	3.7	3.6	4.0	4.4	2.4	2.9	2.8	3.2	3.6
	12H	4.0	4.4	4.4	4.8	5.2	2.6	3.1	3.0	3.4	3.8
8H	4H	1.9	2.4	2.3	2.7	3.1	2.0	2.4	2.3	2.8	3.1
	6H	2.9	3.2	3.3	3.6	4.1	2.9	3.2	3.3	3.6	4.1
	8H	3.5	3.8	3.9	4.3	4.7	3.3	3.7	3.7	4.1	4.5
	12H	4.4	4.7	4.9	5.2	5.6	3.8	4.1	4.2	4.5	5.0
12H	4H	2.0	2.4	2.4	2.8	3.2	1.9	2.4	2.4	2.8	3.1
	6H	3.0	3.3	3.4	3.7	4.2	2.9	3.3	3.4	3.7	4.1
	8H	3.6	3.9	4.1	4.4	4.8	3.5	3.8	4.0	4.3	4.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.5					+ 0.5 / - 0.6				
1.5H		+ 0.9 / - 0.9					+ 0.4 / - 0.6				
2.0H		+ 1.6 / - 1.0					+ 0.7 / - 1.2				

CIE Pub.117 Corrected 1175 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

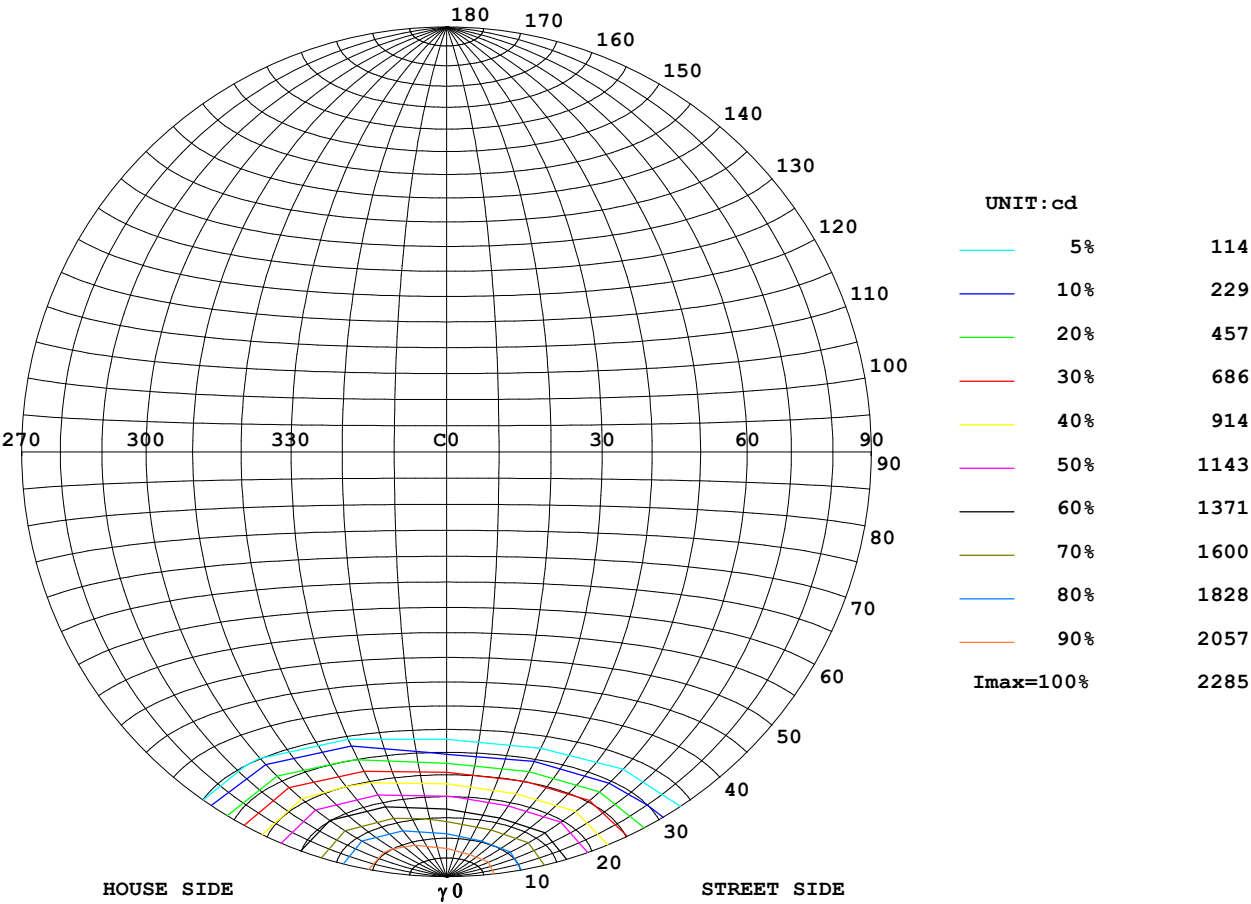
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-25-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

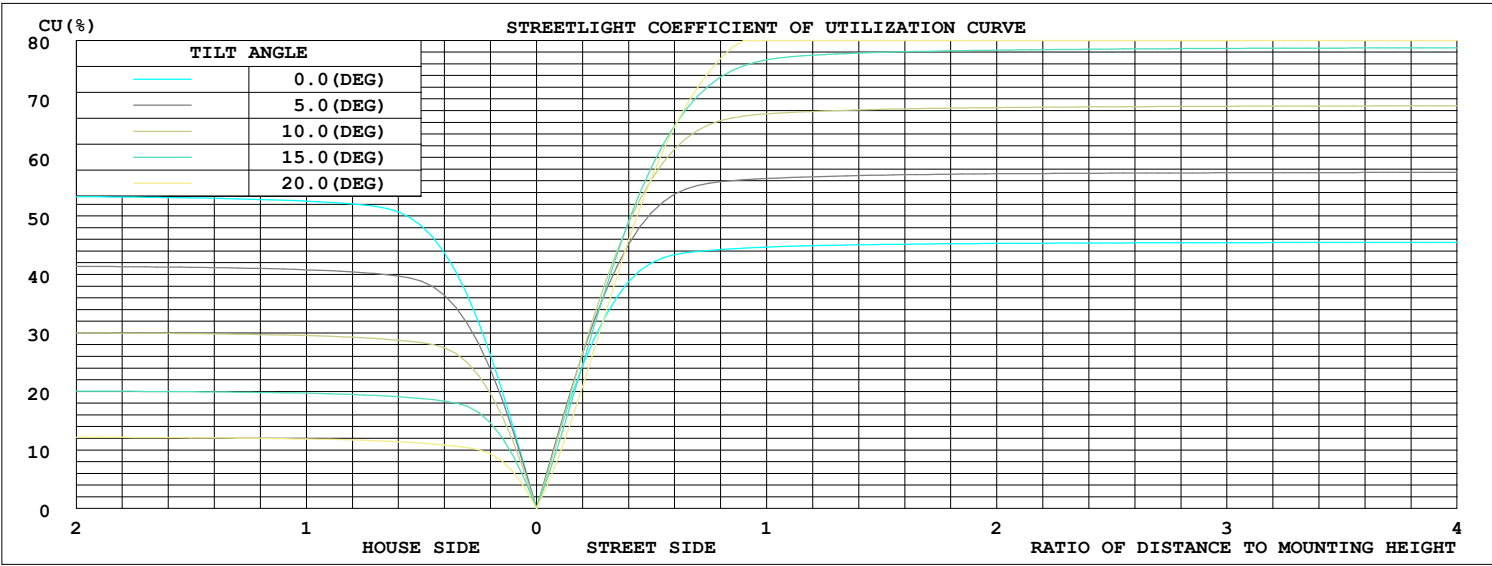
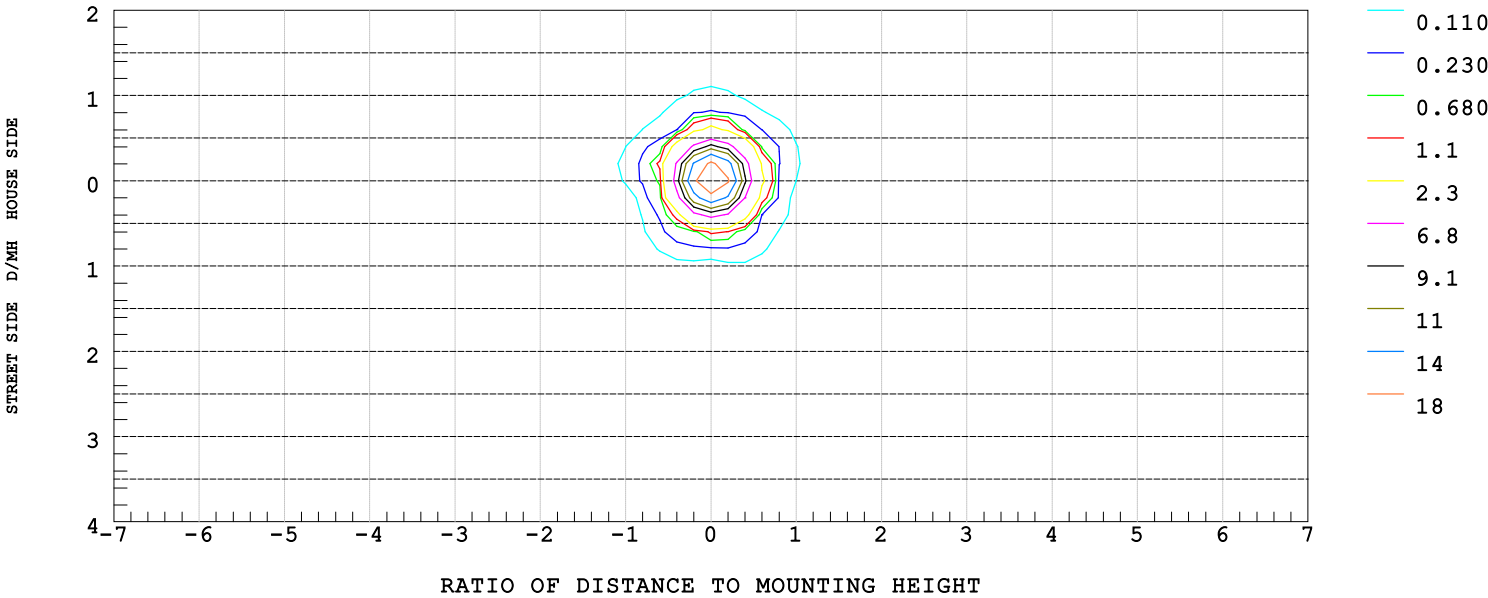
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 22.82 lx



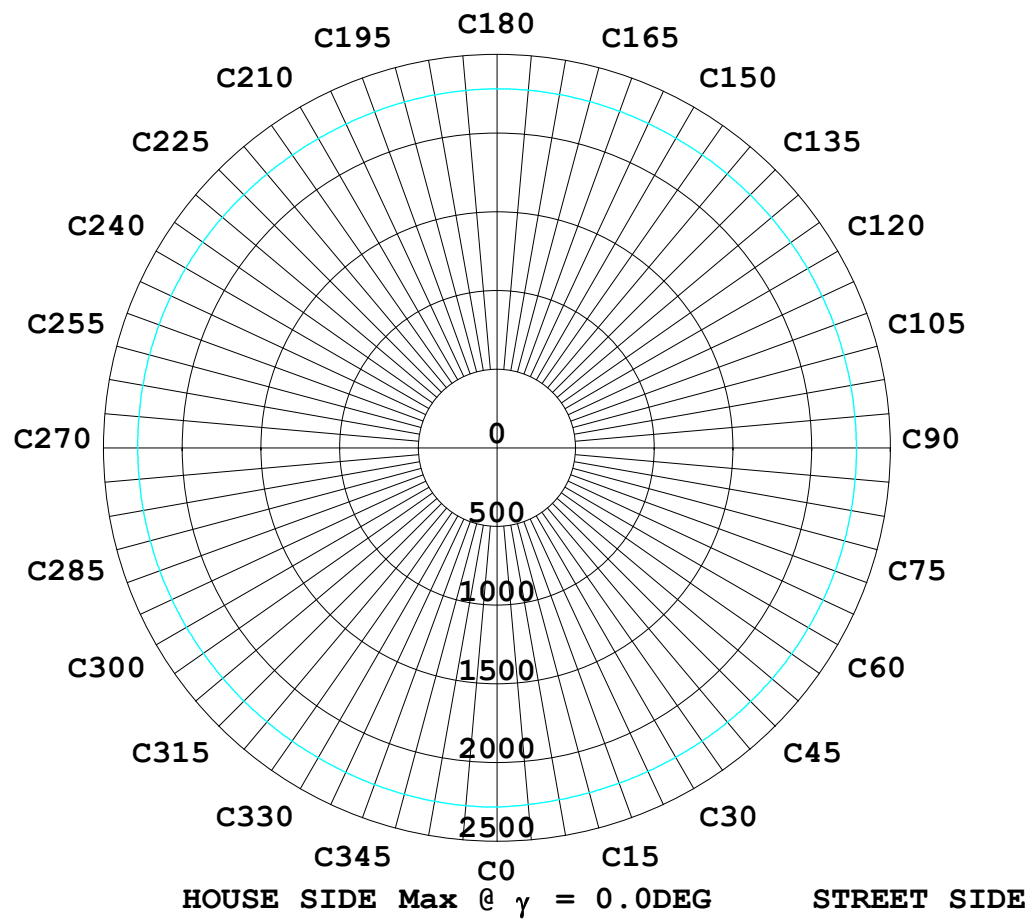
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 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	2282	2270	2285	2283	2279	2273	2282	2270	2285	2283	2279	2273
5.0	2186	2154	2160	2143	2172	2198	2244	2267	2276	2269	2231	2222
10.0	1913	1846	1861	1840	1899	1926	2046	2094	2093	2072	2021	1995
15.0	1529	1464	1494	1482	1566	1585	1696	1771	1765	1773	1692	1652
20.0	1149	1080	1113	1098	1183	1210	1328	1388	1378	1375	1285	1255
25.0	752	683	720	704	797	810	932	989	973	972	884	862
30.0	175	177	173	255	379	418	514	592	555	555	445	415
35.0	67.0	46.1	64.9	50.5	75.0	62.1	88.2	142	109	116	67.7	77.9
40.0	46.0	32.1	44.6	33.6	49.2	37.5	43.2	59.9	43.5	57.3	38.9	49.7
45.0	33.9	22.5	32.7	23.8	35.7	26.8	31.1	42.9	31.1	41.4	27.8	36.3
50.0	25.1	16.2	24.3	16.7	26.3	18.9	22.1	31.1	21.7	29.8	19.3	26.4
55.0	19.4	11.8	18.7	12.3	20.2	14.1	16.7	23.7	16.0	23.1	14.4	20.5
60.0	13.2	6.96	12.6	7.45	14.7	9.71	12.5	18.1	11.5	17.5	10.0	15.0
65.0	10.5	5.34	10.0	5.42	10.7	6.23	8.34	12.4	6.96	11.9	6.23	10.8
70.0	8.42	3.88	8.01	3.96	8.50	4.53	6.64	9.88	5.18	9.47	4.53	8.50
75.0	6.80	2.99	6.39	2.99	6.80	3.40	5.42	7.85	3.88	7.53	3.32	6.80
80.0	5.58	2.26	5.18	2.18	5.50	2.51	4.37	6.15	2.67	5.91	2.34	5.34
85.0	4.61	1.78	4.29	1.45	4.37	1.78	3.80	4.86	2.02	4.69	1.62	4.21
90.0	3.88	1.94	3.48	1.70	3.48	1.70	4.29	3.80	1.70	3.48	1.45	3.24

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

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