

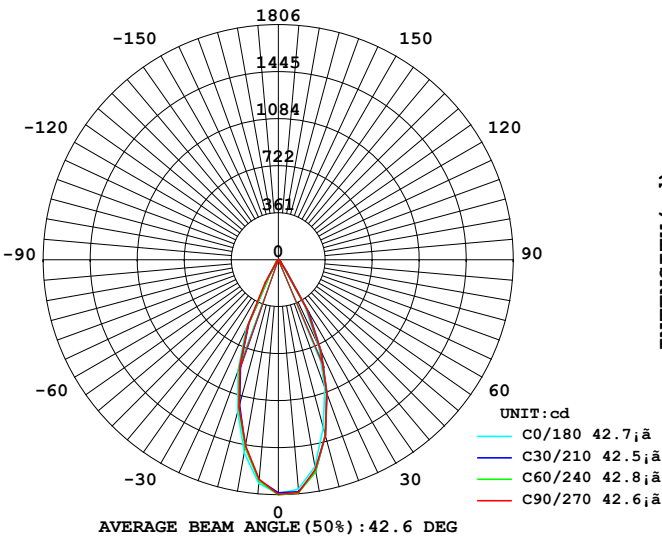
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

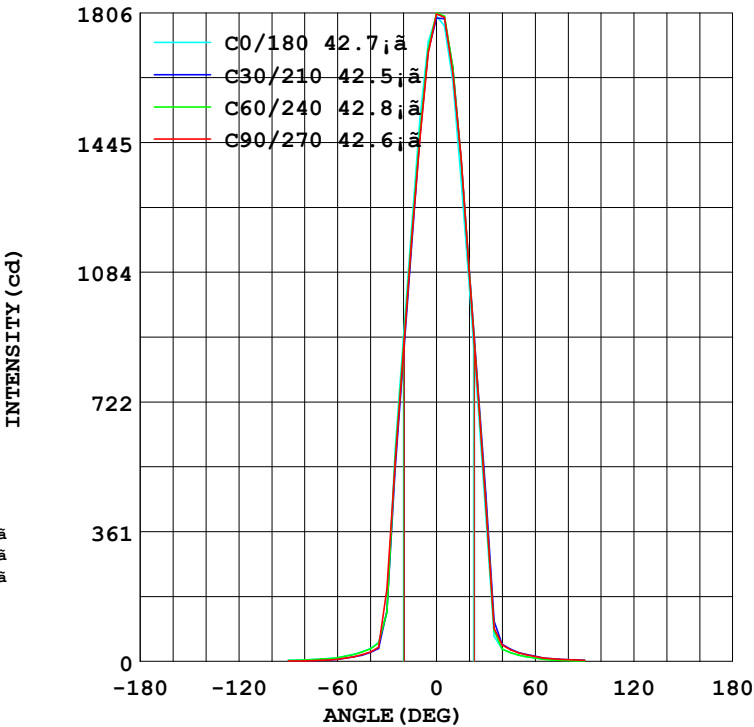
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1806	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)	927.94	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	87.5	Current (A)	0.047
NOMINAL FLUX (lm)	927.9	η up (%)	0.0	Power (W)	10.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	850.0	EEI	0.157

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:8.000 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

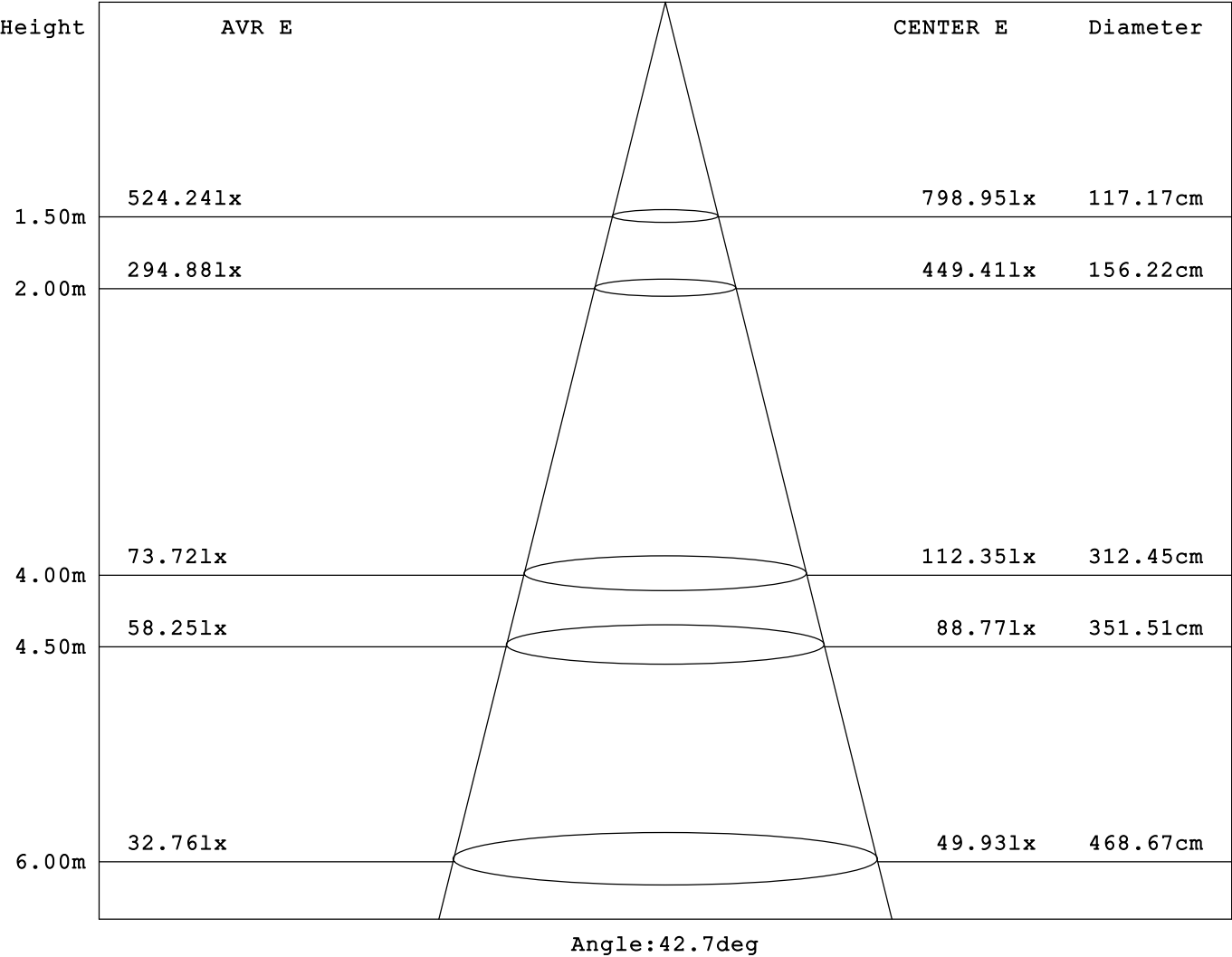
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Temperature:25.3DEG
Operators:
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Remarks: 3000K

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: 3000K 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:8.000 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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	1510	1465	1452	1511	1615	1654	1638	1588	0- 10	160.4	160.4
20.0	905.2	865.8	867.3	949.9	1049	1093	1087	1000	10- 20	354.3	514.8
30.0	137.6	138.6	201.7	314.8	405.8	453.4	439.4	340.3	20- 30	294.8	809.6
40.0	36.41	30.36	26.55	34.40	34.17	40.95	45.43	35.00	30- 40	71.04	880.6
50.0	19.84	15.96	13.31	17.92	17.47	20.89	23.68	18.17	40- 50	20.11	900.7
60.0	10.49	7.712	5.952	9.696	9.856	11.77	13.88	9.984	50- 60	12.51	913.3
70.0	6.656	4.704	3.136	5.216	5.184	5.984	7.552	5.152	60- 70	7.195	920.5
80.0	4.416	2.944	1.728	3.168	3.392	3.520	4.672	3.040	70- 80	4.518	925.0
90.0	3.008	2.144	1.280	2.048	3.328	2.112	2.816	1.824	80- 90	2.921	927.9
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:8.000 m
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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	419	147
80	254	100
75	210	91
70	195	92
65	198	100
60	210	119
55	268	171
50	309	207
45	378	268

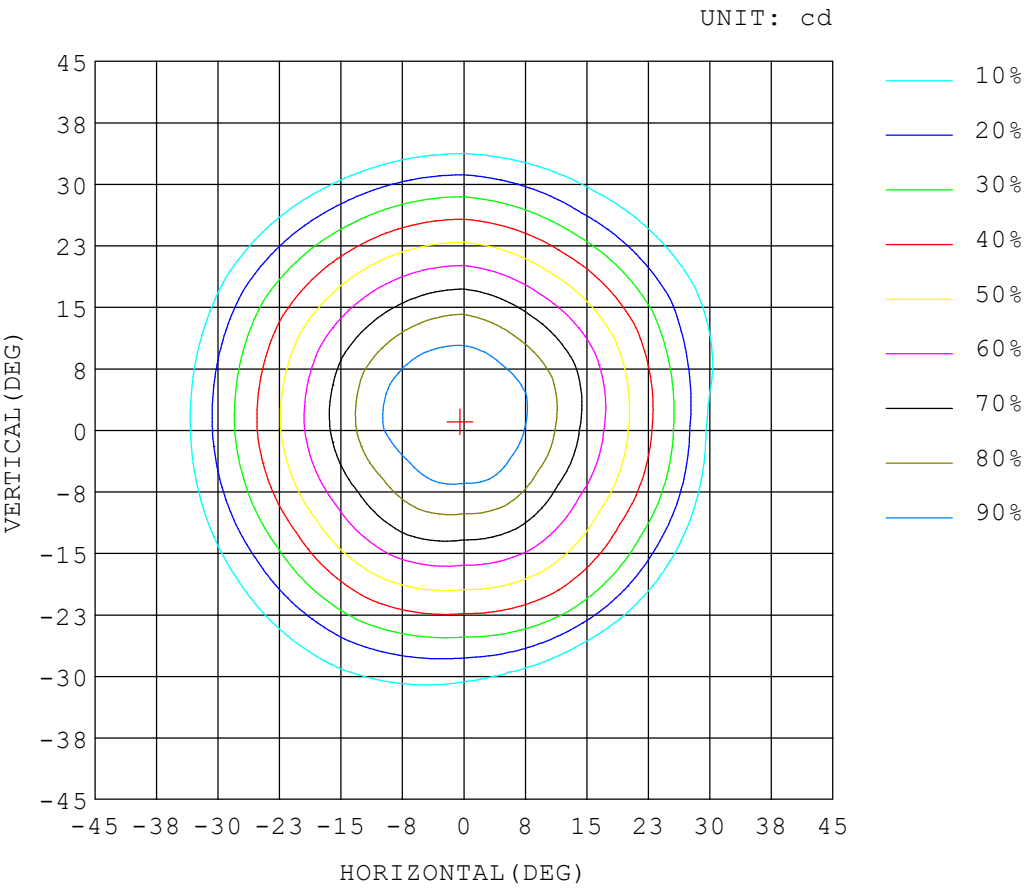
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:



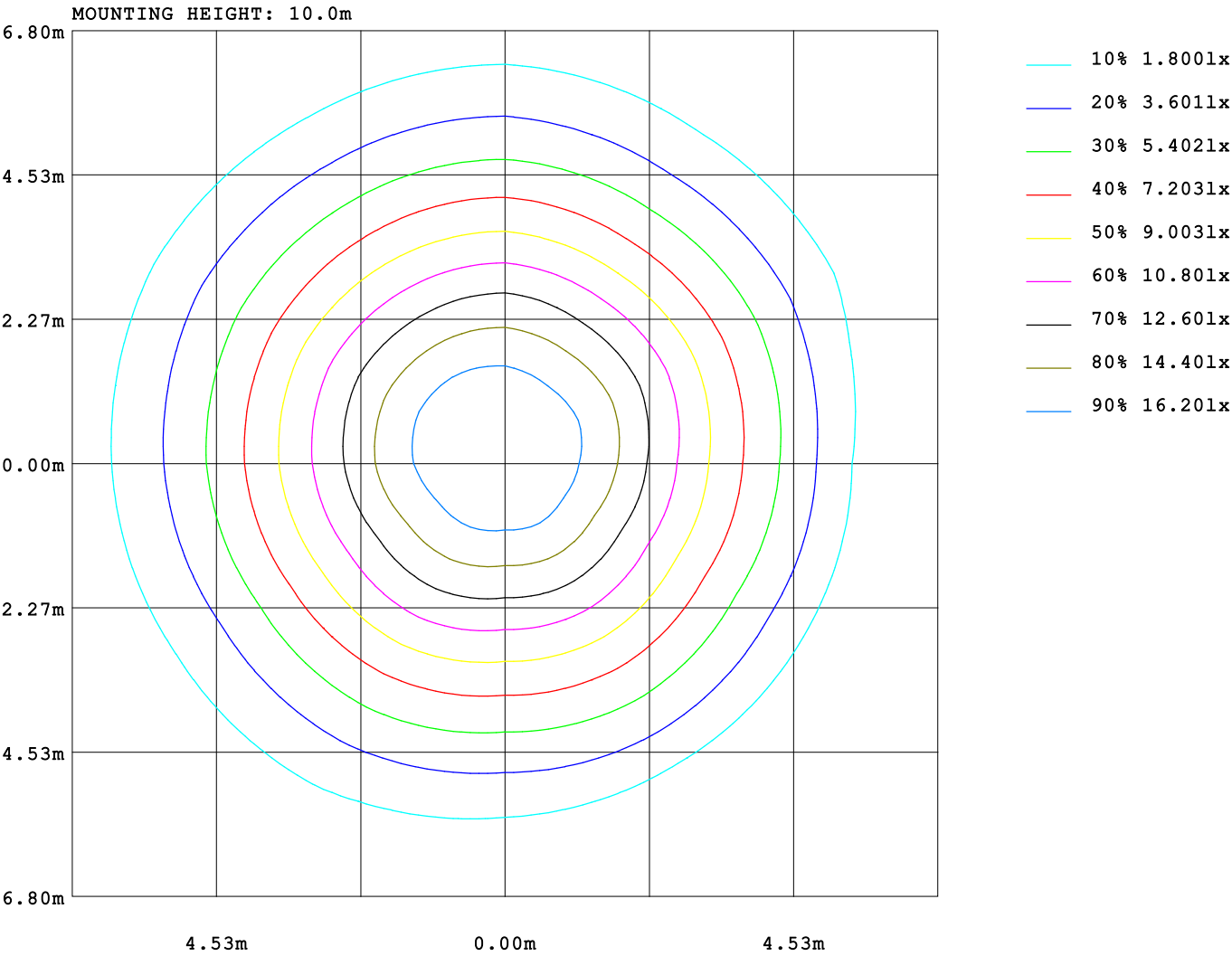
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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:8.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: GE MACTY

TYPE: 3000K 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
	0.09	0.10	0.12	0.14	0.16	0.19	0.22	0.26	0.29	0.28	0.25	0.21	0.17	0.14	0.12	0.11	0.09	0.08	3.01	0.00		
45																						
40	0.11	0.13	0.16	0.19	0.21	0.26	0.35	0.45	0.51	0.49	0.40	0.31	0.23	0.19	0.16	0.14	0.11	0.09	4.47	0.00		
35	0.13	0.16	0.20	0.25	0.36	0.56	1.04	1.60	1.95	1.88	1.42	0.83	0.39	0.27	0.22	0.18	0.14	0.11	11.7	6.37		
30	0.14	0.20	0.27	0.44	0.91	2.06	3.22	4.07	4.52	4.41	3.75	2.73	1.57	0.61	0.30	0.22	0.17	0.13	29.7	26.2		
25	0.16	0.23	0.40	0.94	2.49	4.07	5.41	6.43	6.97	6.85	6.08	4.87	3.39	1.83	0.60	0.29	0.20	0.14	51.3	48.7		
20	0.17	0.26	0.60	2.06	4.02	5.81	7.42	8.66	9.34	9.20	8.23	6.82	5.15	3.21	1.39	0.37	0.23	0.16	73.1	70.9		
15	0.18	0.31	0.96	3.01	5.19	7.28	9.17	10.6	11.4	11.2	10.2	8.54	6.55	4.38	2.01	0.58	0.25	0.17	92.2	90.2		
	0.18	0.34	1.33	3.61	5.94	8.28	10.4	12.1	12.9	12.7	11.6	9.80	7.45	5.07	2.40	0.72	0.27	0.18	106	104		
	0.17	0.33	1.53	3.85	6.27	8.67	10.9	12.7	13.6	13.4	12.2	10.1	7.74	5.31	2.54	0.68	0.27	0.18	111	109		
	0.16	0.30	1.44	3.71	6.08	8.41	10.6	12.3	13.2	13.1	11.8	9.81	7.47	5.12	2.36	0.60	0.26	0.17	107	105		
	0.15	0.27	1.11	3.18	5.38	7.55	9.51	11.1	11.9	11.8	10.7	8.80	6.70	4.50	1.87	0.51	0.23	0.16	95.5	93.6		
-15	0.14	0.22	0.67	2.36	4.32	6.31	8.09	9.45	10.0	9.87	9.04	7.48	5.57	3.44	1.18	0.37	0.20	0.14	78.8	76.7		
-20	0.13	0.18	0.33	1.39	3.06	4.81	6.33	7.38	7.78	7.66	7.04	5.82	4.14	2.00	0.64	0.24	0.17	0.12	59.2	56.9		
-25	0.11	0.15	0.23	0.54	1.71	3.07	4.34	5.14	5.44	5.35	4.85	3.77	2.10	0.83	0.33	0.19	0.13	0.10	38.4	35.5		
-30	0.09	0.13	0.19	0.28	0.58	1.40	2.19	2.72	2.92	2.76	2.21	1.35	0.72	0.38	0.23	0.16	0.11	0.08	18.5	14.4		
-35	0.08	0.11	0.16	0.21	0.29	0.41	0.66	0.89	0.96	0.86	0.68	0.48	0.34	0.26	0.19	0.14	0.10	0.07	6.88	0.65		
-40	0.07	0.10	0.13	0.17	0.22	0.26	0.28	0.28	0.27	0.26	0.27	0.26	0.24	0.20	0.15	0.12	0.08	0.06	3.43	0.00		
-45	0.06	0.08	0.11	0.14	0.17	0.19	0.20	0.19	0.18	0.18	0.19	0.19	0.18	0.16	0.13	0.10	0.07	0.05	2.56	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45	
Φ t	2.30	3.61	9.95	26.5	47.4	69.6	90.5	107	114	113	101	82.3	60.1	37.9	16.8	5.68	3.08	2.16	928			
Φ a	0.00	0.00	4.82	23.1	44.5	67.2	88.2	104	112	110	98.7	79.7	57.3	34.8	12.5	0.00	0.00	0.00		850		

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

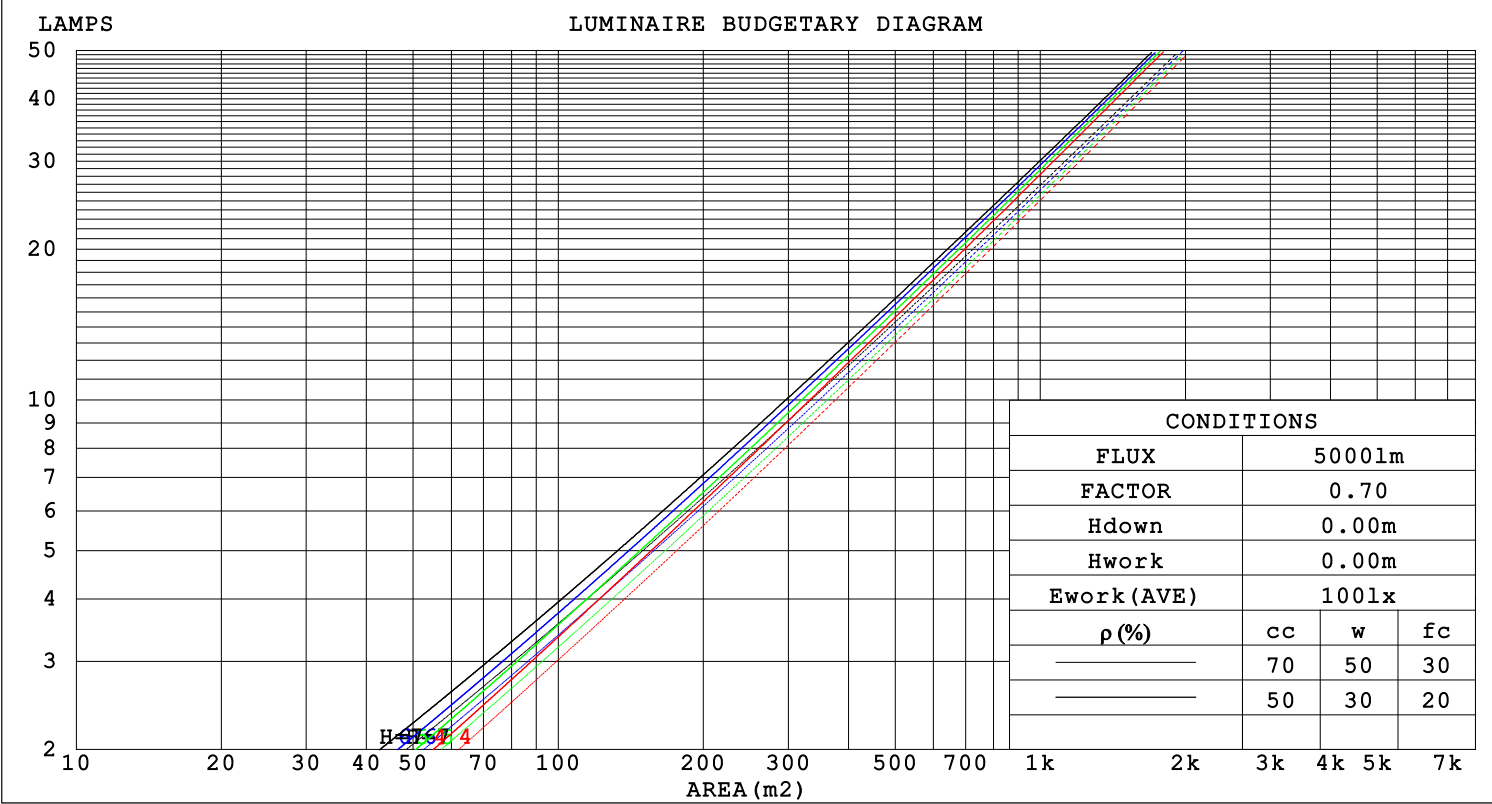
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GE MACTY								TYPE: 3000K 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
pf _c	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	.90	.97	.90	.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	.70	.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 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:8.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GE MACTY								TYPE: 3000K 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:8.000 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: GE MACTY					TYPE: 3000K 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	-1.0	-0.2	-0.8	-0.0	0.1	-0.8	-0.0	-0.6	0.2	0.3
	3H	-0.1	0.7	0.2	0.9	1.1	-0.3	0.5	-0.0	0.7	0.9
	4H	0.5	1.3	0.8	1.5	1.7	0.0	0.7	0.3	0.9	1.2
	6H	1.3	2.0	1.6	2.2	2.5	0.3	0.9	0.6	1.2	1.4
	8H	1.8	2.4	2.1	2.7	3.0	0.4	1.0	0.7	1.3	1.5
	12H	2.4	3.0	2.7	3.3	3.5	0.5	1.1	0.8	1.4	1.7
4H	2H	-0.8	-0.1	-0.5	0.1	0.4	-0.6	0.1	-0.3	0.3	0.6
	3H	0.2	0.8	0.5	1.1	1.4	0.4	1.0	0.7	1.3	1.5
	4H	0.9	1.5	1.2	1.8	2.1	0.9	1.5	1.2	1.8	2.1
	6H	1.8	2.3	2.2	2.7	3.0	1.4	1.9	1.8	2.2	2.6
	8H	2.4	2.9	2.8	3.2	3.6	1.6	2.1	2.0	2.4	2.8
	12H	3.2	3.6	3.6	4.0	4.3	1.9	2.3	2.3	2.7	3.1
8H	4H	1.1	1.6	1.5	1.9	2.3	1.1	1.6	1.5	2.0	2.3
	6H	2.0	2.4	2.5	2.8	3.2	2.0	2.4	2.5	2.8	3.2
	8H	2.7	3.0	3.1	3.4	3.9	2.5	2.8	2.9	3.3	3.7
	12H	3.6	3.9	4.1	4.3	4.8	3.0	3.3	3.5	3.7	4.2
12H	4H	1.2	1.6	1.6	2.0	2.4	1.1	1.6	1.5	1.9	2.3
	6H	2.2	2.5	2.6	2.9	3.4	2.1	2.4	2.5	2.9	3.3
	8H	2.8	3.1	3.3	3.5	4.0	2.7	3.0	3.2	3.5	3.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.5					+ 0.5 / - 0.5				
1.5H		+ 0.9 / - 0.9					+ 0.4 / - 0.6				
2.0H		+ 1.6 / - 1.1					+ 0.7 / - 1.2				

CIE Pub.117 Corrected 927.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.3)

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:8.000 m
 Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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		

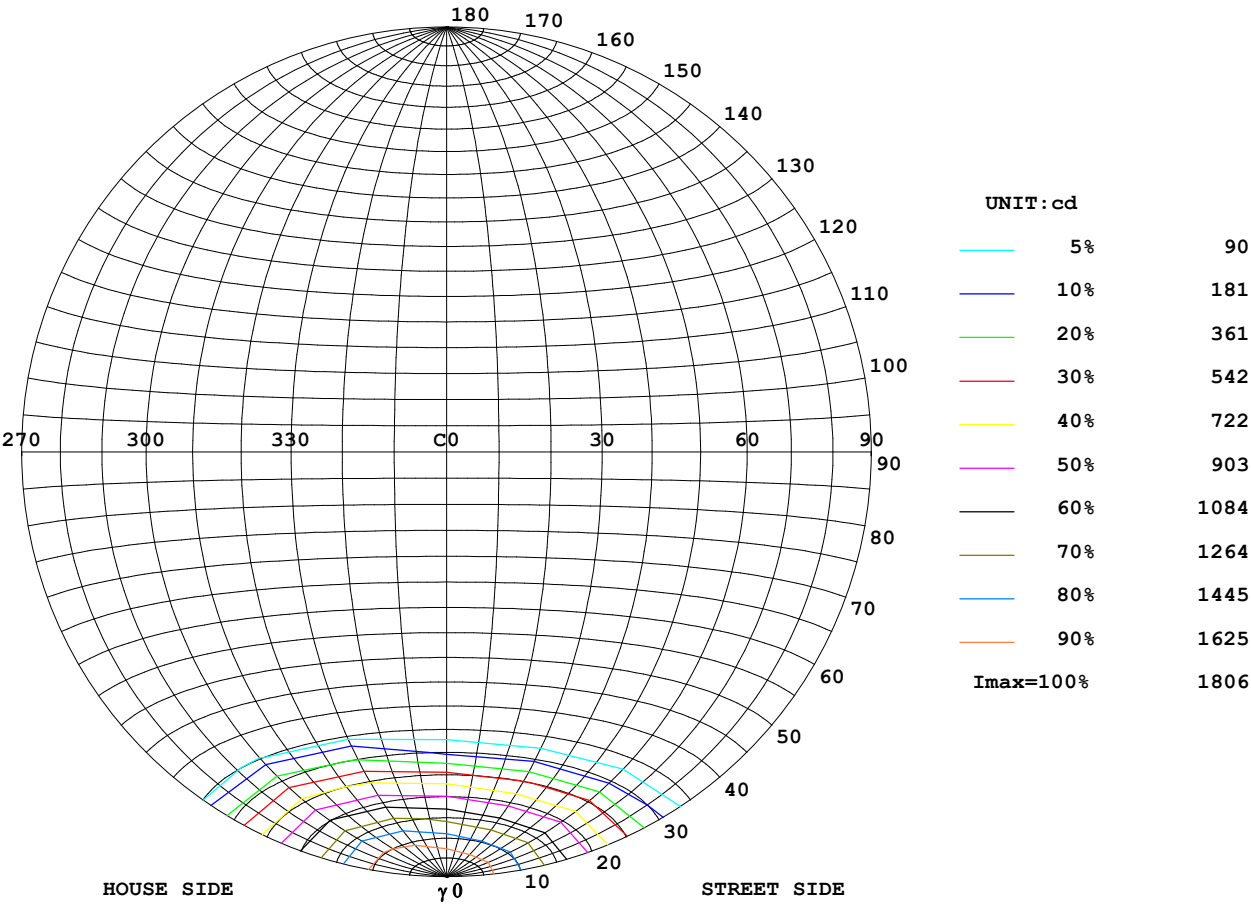
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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

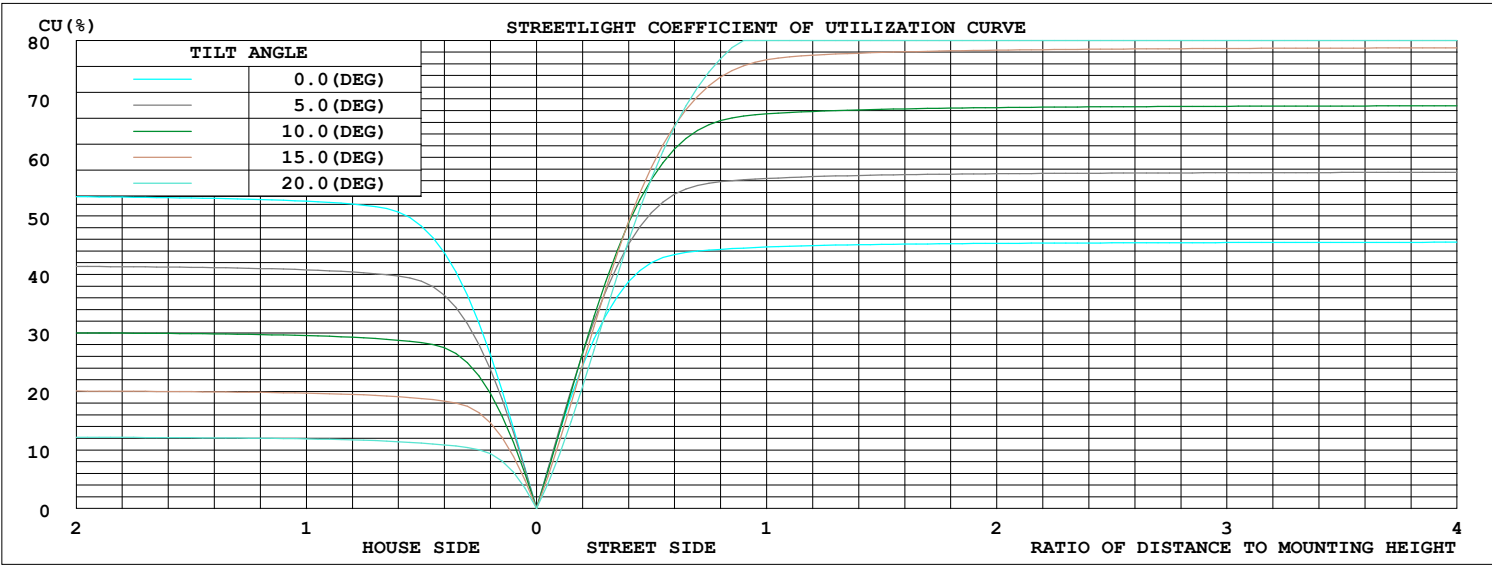
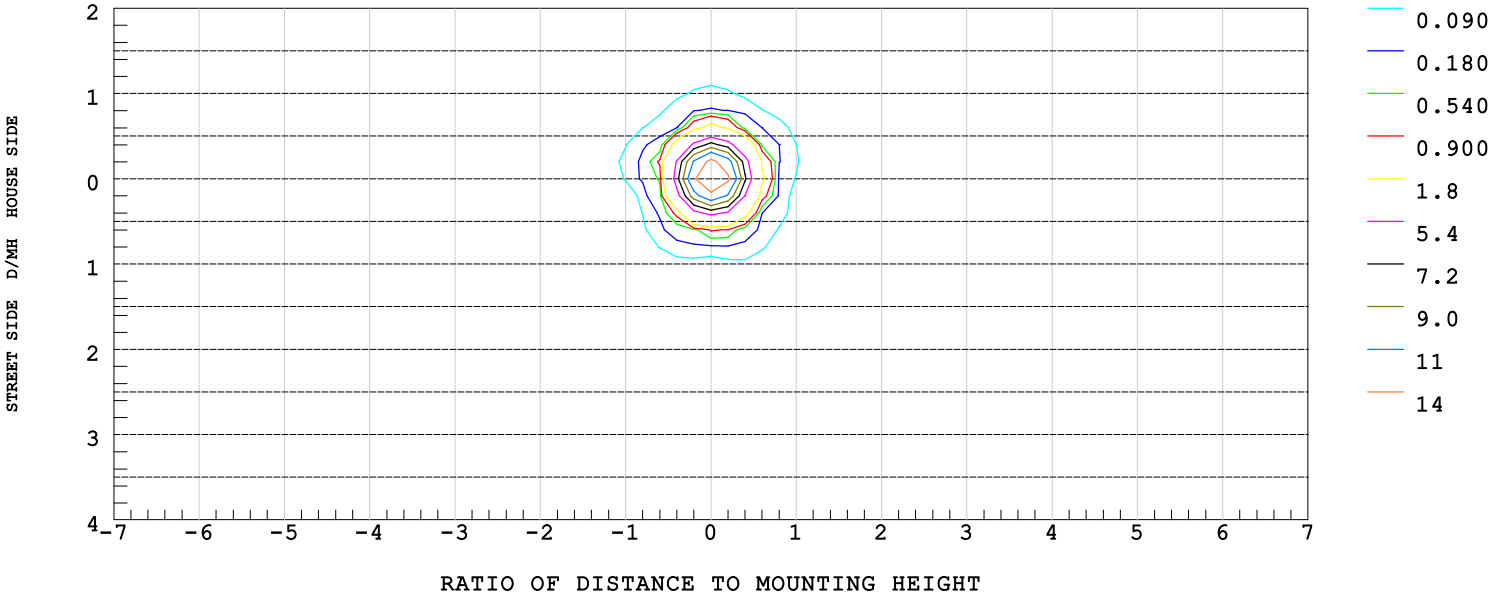
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-69 H-150 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 17.98 lx



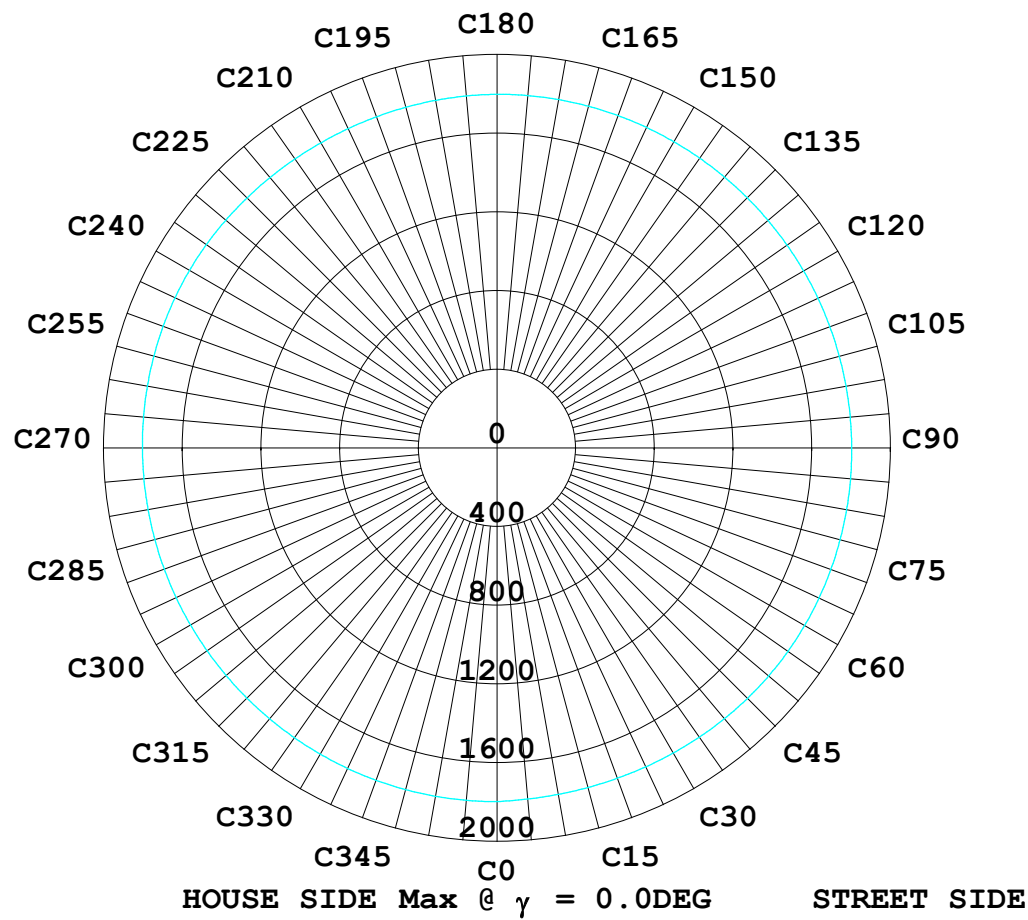
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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:8.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE MACTY	TYPE: 3000K 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	1798	1791	1806	1803	1800	1798	1798	1791	1806	1803	1800	1798
5.0	1724	1700	1705	1693	1718	1738	1769	1789	1797	1793	1762	1759
10.0	1510	1460	1470	1452	1499	1524	1615	1653	1655	1638	1598	1579
15.0	1207	1155	1180	1170	1237	1257	1338	1398	1395	1401	1336	1306
20.0	905	852	879	867	935	965	1049	1095	1090	1087	1014	986
25.0	592	539	569	556	628	645	736	780	769	769	699	678
30.0	138	140	137	202	299	331	406	468	439	439	352	328
35.0	52.9	36.4	51.3	40.0	59.3	49.5	69.6	112	86.0	91.8	53.5	61.4
40.0	36.4	25.4	35.3	26.5	38.9	29.8	34.1	47.4	34.4	45.4	30.6	39.3
45.0	26.7	17.7	25.8	18.9	28.2	21.3	24.5	33.9	24.7	32.8	21.8	28.7
50.0	19.8	12.7	19.2	13.3	20.7	15.0	17.4	24.6	17.1	23.6	15.2	21.0
55.0	15.3	9.34	14.7	9.79	16.0	11.1	13.1	18.7	12.6	18.3	11.4	16.3
60.0	10.4	5.50	9.92	5.95	11.6	7.74	9.85	14.3	9.21	13.8	8.00	11.9
65.0	8.38	4.16	7.93	4.22	8.51	4.92	6.52	9.79	5.56	9.53	4.86	8.51
70.0	6.65	3.07	6.33	3.13	6.78	3.64	5.18	7.80	4.16	7.55	3.58	6.72
75.0	5.44	2.36	5.05	2.36	5.37	2.62	4.22	6.20	3.00	5.95	2.56	5.37
80.0	4.41	1.79	4.09	1.72	4.35	1.98	3.39	4.86	2.17	4.67	1.85	4.22
85.0	3.64	1.34	3.32	1.28	3.45	1.47	2.88	3.84	1.53	3.71	1.34	3.32
90.0	3.00	1.53	2.75	1.28	2.75	1.34	3.32	2.88	1.34	2.81	1.15	2.49

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:8.000 m
Remarks: 3000K