

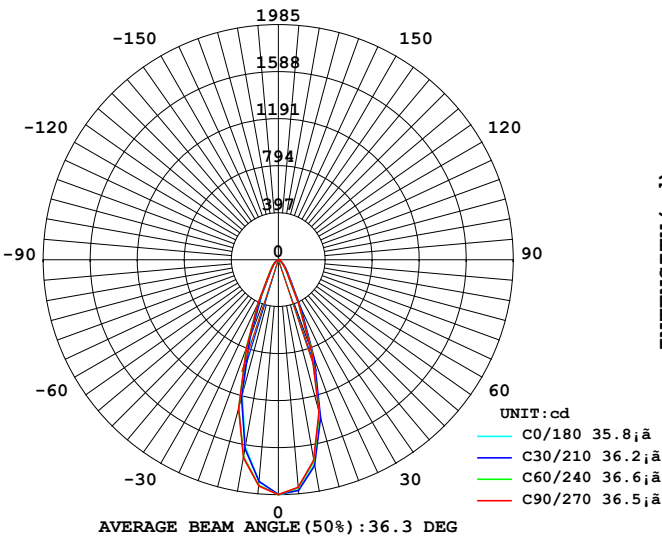
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

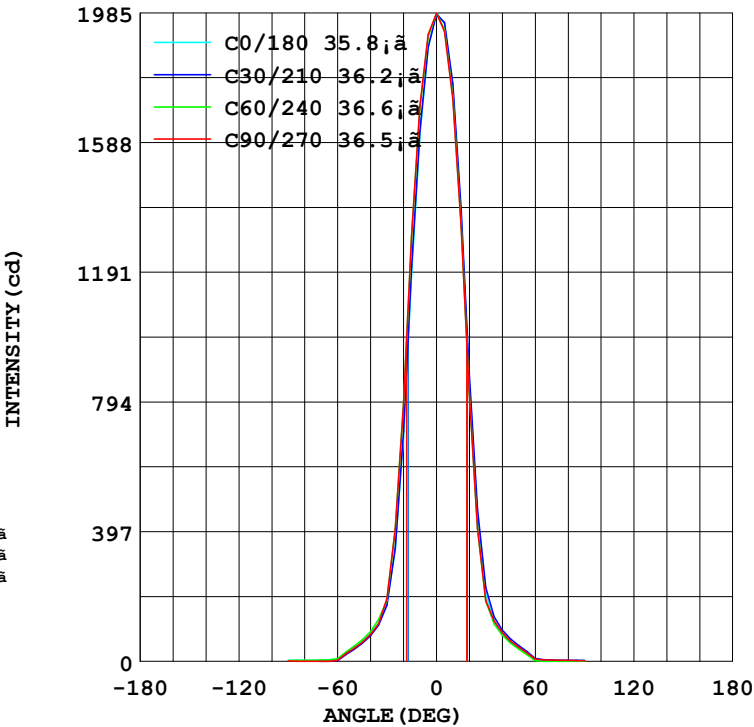
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1985	S/MH (C0/180)	0.54
MODEL	MACTY 80	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.57
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	881.93	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	85.6	Current (A)	0.049
NOMINAL FLUX (lm)	881.9	η up (%)	0.0	Power (W)	10.30
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	724.6	EEI	0.174

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

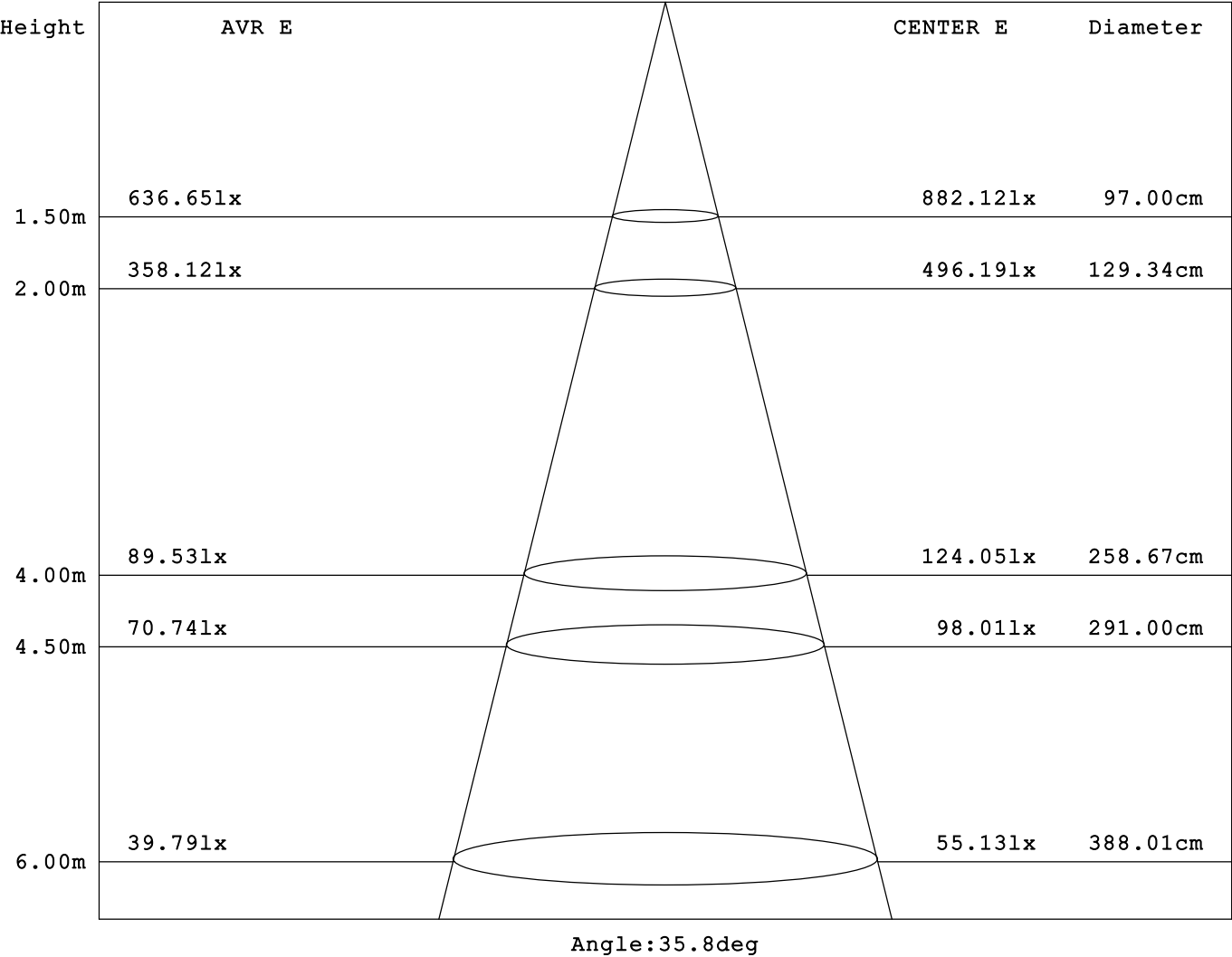
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1608	1657	1699	1724	1757	1748	1721	1652	0- 10	175.9	175.9
20.0	688.1	747.7	788.6	821.4	867.2	857.9	827.5	737.3	10- 20	349.1	525.0
30.0	179.0	179.3	192.6	204.3	206.5	205.1	185.5	165.7	20- 30	199.5	724.5
40.0	84.99	85.11	82.62	88.63	85.63	88.80	88.44	77.12	30- 40	79.60	804.1
50.0	42.94	41.82	40.00	44.54	41.79	43.23	43.77	38.52	40- 50	47.72	851.9
60.0	7.680	5.568	3.200	6.144	4.928	5.696	7.616	4.928	50- 60	21.79	873.7
70.0	4.352	2.528	0.704	2.496	1.920	2.496	4.032	2.336	60- 70	3.459	877.1
80.0	3.520	2.176	0.896	2.080	2.112	2.016	3.136	1.888	70- 80	2.478	879.6
90.0	3.008	2.080	1.216	1.984	3.072	1.824	2.432	1.696	80- 90	2.279	881.9
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:09-26-2025

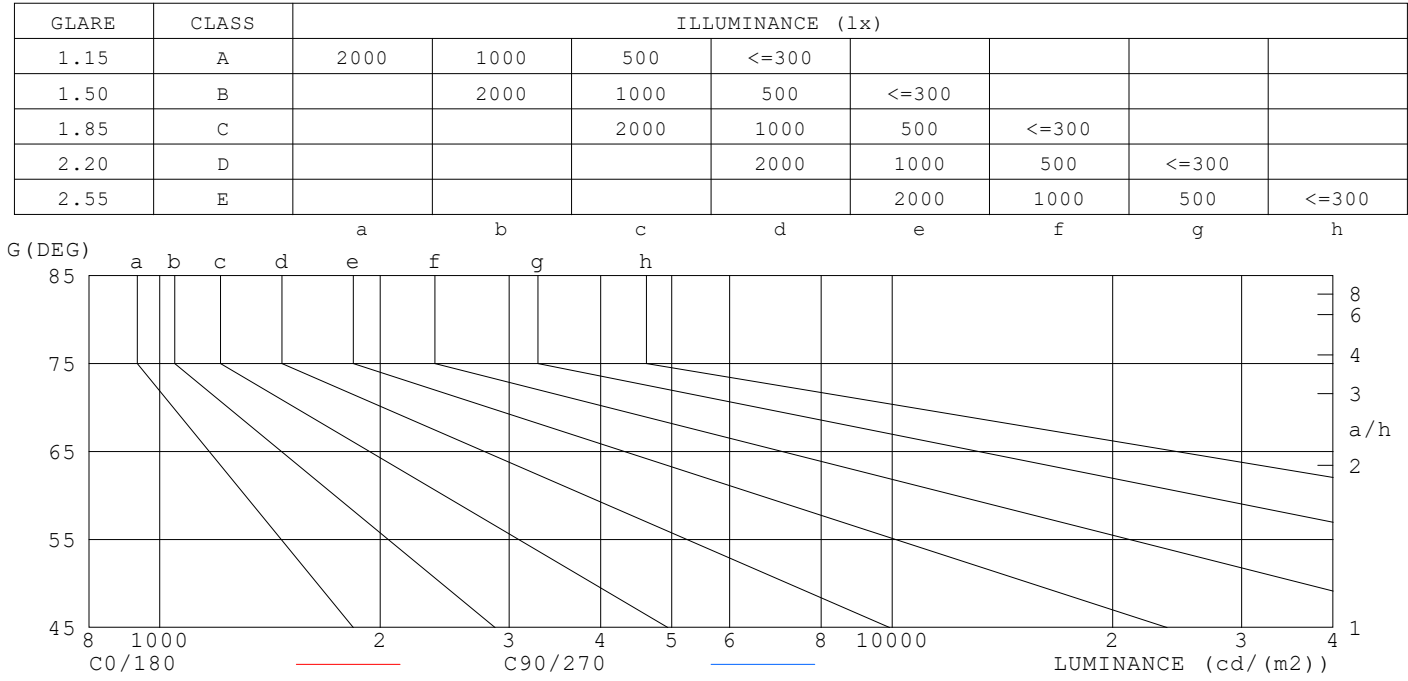
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	375	110
80	203	52
75	148	30
70	127	21
65	118	18
60	154	64
55	437	418
50	668	622
45	871	825

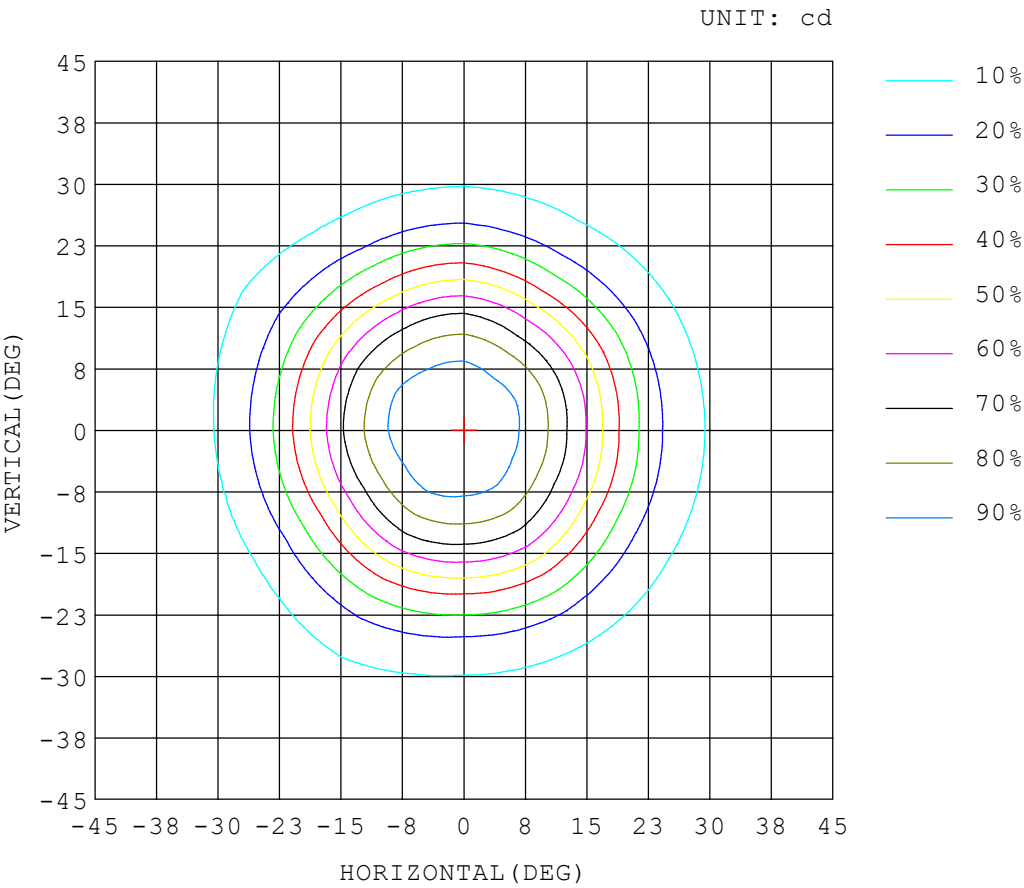
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:



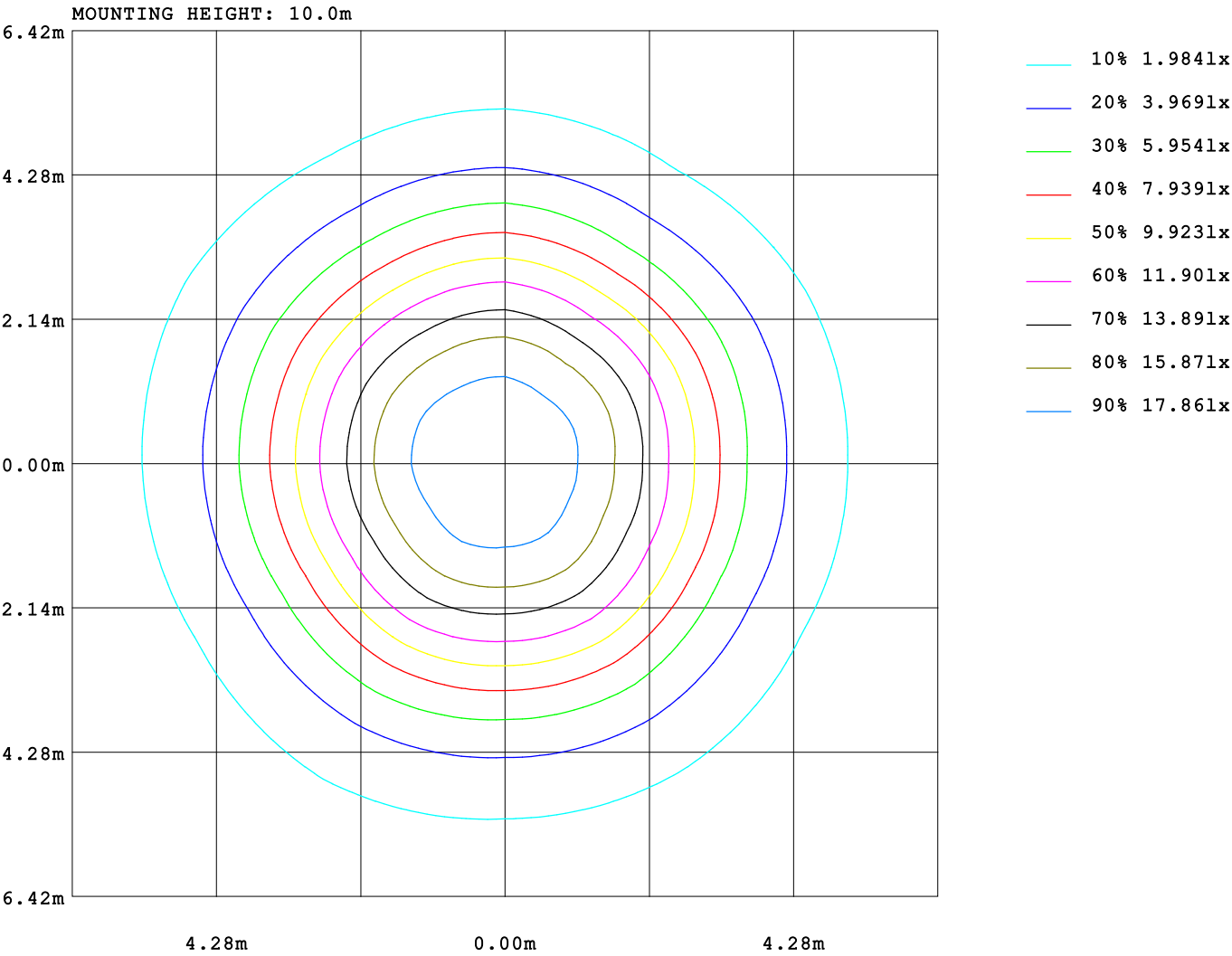
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-80 H-150 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.11	0.18	0.24	0.30	0.35	0.41	0.48	0.53	0.56	0.56	0.51	0.45	0.38	0.31	0.27	0.21	0.15	0.09	6.08	0.00		
45																						
40	0.18	0.25	0.33	0.41	0.48	0.56	0.66	0.74	0.79	0.78	0.71	0.61	0.51	0.43	0.36	0.29	0.22	0.15	8.48	0.00		
35	0.24	0.33	0.43	0.54	0.66	0.77	0.93	1.07	1.16	1.13	1.00	0.84	0.68	0.57	0.47	0.38	0.29	0.21	11.7	0.00		
30	0.29	0.41	0.55	0.71	0.90	1.15	1.50	1.93	2.20	2.14	1.77	1.30	0.97	0.77	0.61	0.47	0.36	0.26	18.3	8.35		
25	0.33	0.48	0.68	0.93	1.32	2.02	2.94	3.94	4.58	4.46	3.61	2.51	1.67	1.07	0.77	0.58	0.42	0.30	32.6	25.7		
20	0.37	0.54	0.80	1.24	2.12	3.54	5.37	7.01	8.03	7.83	6.46	4.67	2.92	1.68	1.00	0.68	0.48	0.34	55.1	49.8		
15	0.39	0.59	0.92	1.60	3.14	5.51	8.13	10.2	11.4	11.1	9.56	7.20	4.60	2.48	1.28	0.79	0.54	0.37	80.0	75.4		
	0.41	0.63	1.01	1.98	4.04	7.12	10.3	12.7	13.7	13.4	11.9	9.30	5.99	3.21	1.58	0.89	0.58	0.39	99.4	95.1		
	0.41	0.64	1.06	2.20	4.56	7.98	11.4	13.8	14.8	14.5	13.0	10.2	6.72	3.60	1.75	0.94	0.61	0.41	109	105		
	0.41	0.62	1.03	2.15	4.47	7.83	11.2	13.6	14.7	14.5	12.9	10.2	6.66	3.56	1.73	0.94	0.61	0.41	108	104		
	0.39	0.59	0.95	1.84	3.78	6.70	9.97	12.5	13.6	13.5	12.0	9.19	5.82	3.11	1.55	0.88	0.58	0.39	97.5	93.1		
-15	0.36	0.54	0.82	1.42	2.80	5.08	7.87	10.2	11.3	11.1	9.88	7.29	4.48	2.37	1.25	0.78	0.53	0.36	78.6	73.8		
-20	0.33	0.48	0.69	1.06	1.93	3.41	5.34	7.00	7.86	7.76	6.73	4.95	3.02	1.69	0.98	0.66	0.46	0.32	54.7	49.3		
-25	0.29	0.42	0.58	0.83	1.28	2.09	3.13	4.03	4.50	4.43	3.84	2.87	1.85	1.15	0.80	0.56	0.40	0.28	33.3	27.0		
-30	0.24	0.35	0.50	0.67	0.91	1.28	1.70	2.08	2.26	2.22	1.94	1.52	1.15	0.88	0.65	0.47	0.33	0.23	19.4	10.5		
-35	0.20	0.29	0.41	0.55	0.71	0.87	1.02	1.14	1.18	1.16	1.09	0.99	0.85	0.68	0.53	0.39	0.28	0.18	12.5	0.00		
-40	0.15	0.24	0.33	0.44	0.55	0.65	0.72	0.76	0.76	0.76	0.75	0.70	0.63	0.53	0.42	0.31	0.22	0.14	9.06	0.00		
-45	0.09	0.18	0.26	0.34	0.43	0.49	0.52	0.54	0.54	0.54	0.53	0.51	0.46	0.40	0.32	0.24	0.16	0.08	6.64	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)		10	15	20	25	30	35	40	45				
Φ t	5.19	7.77	11.6	19.2	34.4	57.5	83.4	104	114	112	98.4	75.4	49.4	28.5	16.3	10.4	7.21	4.89	882			
Φ a	0.00	0.00	0.21	10.5	27.4	51.4	78.0	98.8	109	107	93.1	69.7	43.2	21.3	6.53	0.00	0.00	0.00		725		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-26-2025

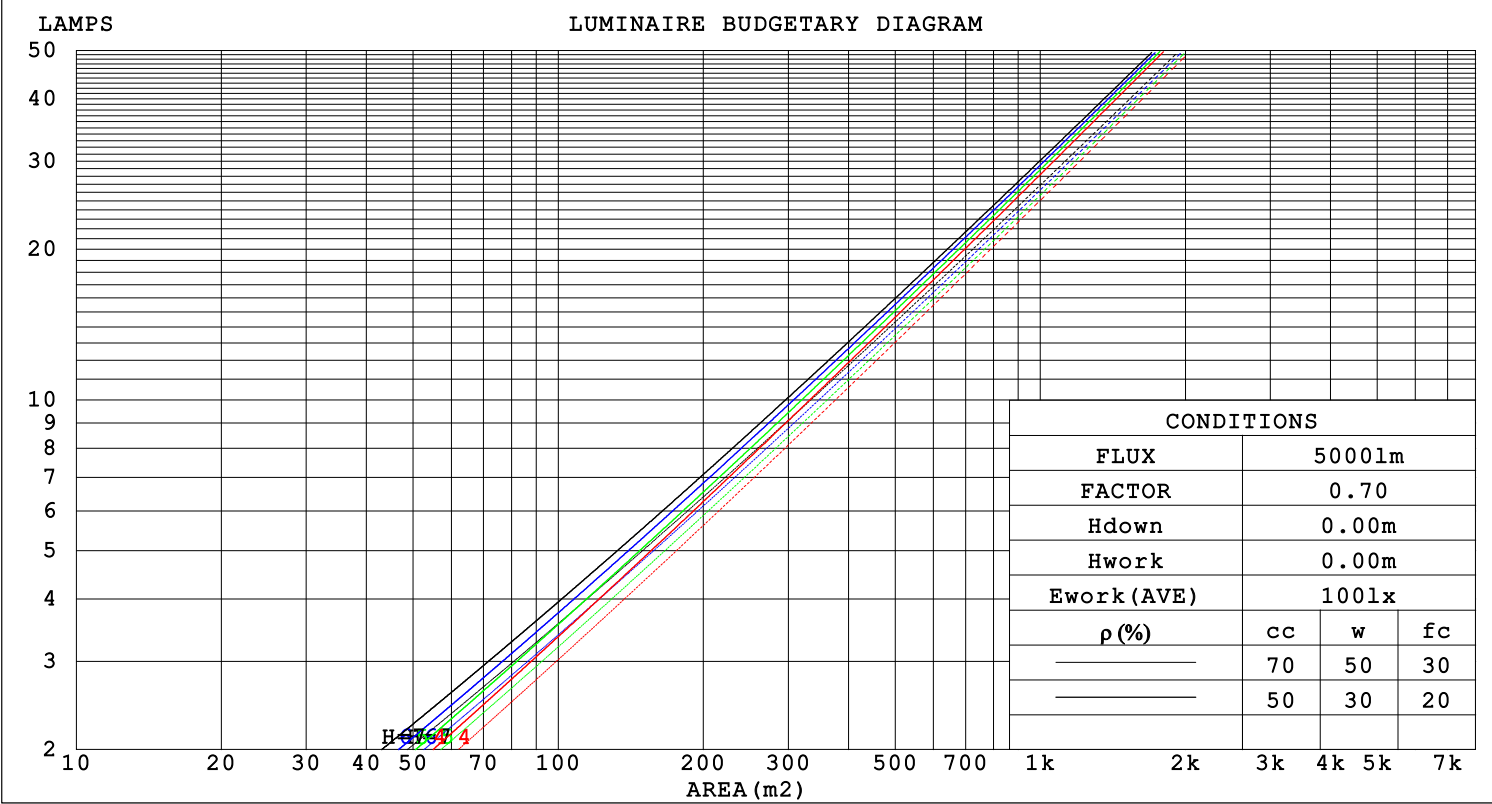
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: MACTY 80 ANTIGLARE								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-80 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	1.02	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	.84	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.88	.83	.79	.87	.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	.79	.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	.70	.67	.66
9.0	.73	.68	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.68	.64	.61	.60



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE								TYPE: 3000K CRI-90				WEIGHT:		
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-80 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	.166	.094	.030	.159	.091	.029	.146	.084	.027	.135	.078	.025	.124	.072	.023	
2.0	.156	.085	.026	.150	.083	.026	.140	.078	.024	.130	.073	.023	.121	.069	.022	
3.0	.147	.078	.023	.142	.076	.023	.133	.072	.022	.125	.069	.021	.118	.065	.020	
4.0	.139	.072	.021	.135	.071	.021	.127	.067	.020	.120	.065	.019	.114	.062	.019	
5.0	.131	.067	.019	.128	.066	.019	.121	.063	.019	.115	.061	.018	.110	.059	.018	
6.0	.125	.063	.018	.122	.062	.018	.116	.059	.017	.111	.058	.017	.106	.056	.017	
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	.108	.052	.015	.106	.052	.015	.102	.051	.014	.099	.049	.014	.095	.048	.014	
10.0	.104	.050	.014	.102	.049	.014	.098	.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	.079	.083	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.130	.099	.075	.111	.085	.065	.077	.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	.067	.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:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 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	4.6	5.4	4.8	5.6	5.7	5.1	5.9	5.3	6.1	6.3
3H	4.5	5.3	4.7	5.4	5.6	5.0	5.7	5.2	5.9	6.1
4H	4.5	5.2	4.8	5.4	5.7	4.9	5.6	5.2	5.9	6.1
6H	4.6	5.3	4.9	5.5	5.8	4.8	5.5	5.1	5.8	6.0
8H	4.7	5.4	5.0	5.6	5.9	4.8	5.5	5.1	5.7	6.0
12H	4.9	5.5	5.2	5.8	6.1	4.8	5.4	5.1	5.7	6.0
4H 2H	4.4	5.2	4.7	5.4	5.6	4.9	5.7	5.2	5.9	6.1
3H	4.3	5.0	4.6	5.2	5.5	4.8	5.5	5.1	5.7	6.0
4H	4.4	4.9	4.7	5.2	5.5	4.8	5.4	5.2	5.7	6.0
6H	4.5	5.0	4.9	5.3	5.7	4.8	5.3	5.2	5.7	6.0
8H	4.7	5.2	5.1	5.5	5.9	4.8	5.3	5.2	5.6	6.0
12H	5.0	5.4	5.4	5.8	6.2	4.9	5.3	5.3	5.7	6.1
8H 4H	4.3	4.7	4.7	5.1	5.5	4.7	5.2	5.1	5.6	5.9
6H	4.4	4.8	4.9	5.2	5.6	4.9	5.2	5.3	5.6	6.1
8H	4.6	5.0	5.1	5.4	5.8	5.0	5.3	5.4	5.7	6.2
12H	5.1	5.4	5.5	5.8	6.3	5.1	5.4	5.6	5.9	6.3
12H 4H	4.2	4.7	4.7	5.1	5.4	4.7	5.1	5.1	5.5	5.9
6H	4.4	4.8	4.9	5.2	5.6	4.8	5.2	5.3	5.6	6.0
8H	4.7	5.0	5.1	5.4	5.9	5.0	5.3	5.5	5.8	6.2

Variations with the observer position at spacings:		
S = 1.0H	+ 2.0 / - 3.8	+ 1.9 / - 4.3
1.5H	+ 1.6 / - 6.1	+ 1.3 / - 4.9
2.0H	+ 4.1 / - 4.9	+ 3.5 / - 5.5

CIE Pub.117 Corrected 881.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	85	79	75	71
0.80	94	87	84	93	87	83	92	87	83	79
1.00	98	93	89	97	92	89	96	92	88	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	107	104	106	104	102	95
4.00	114	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

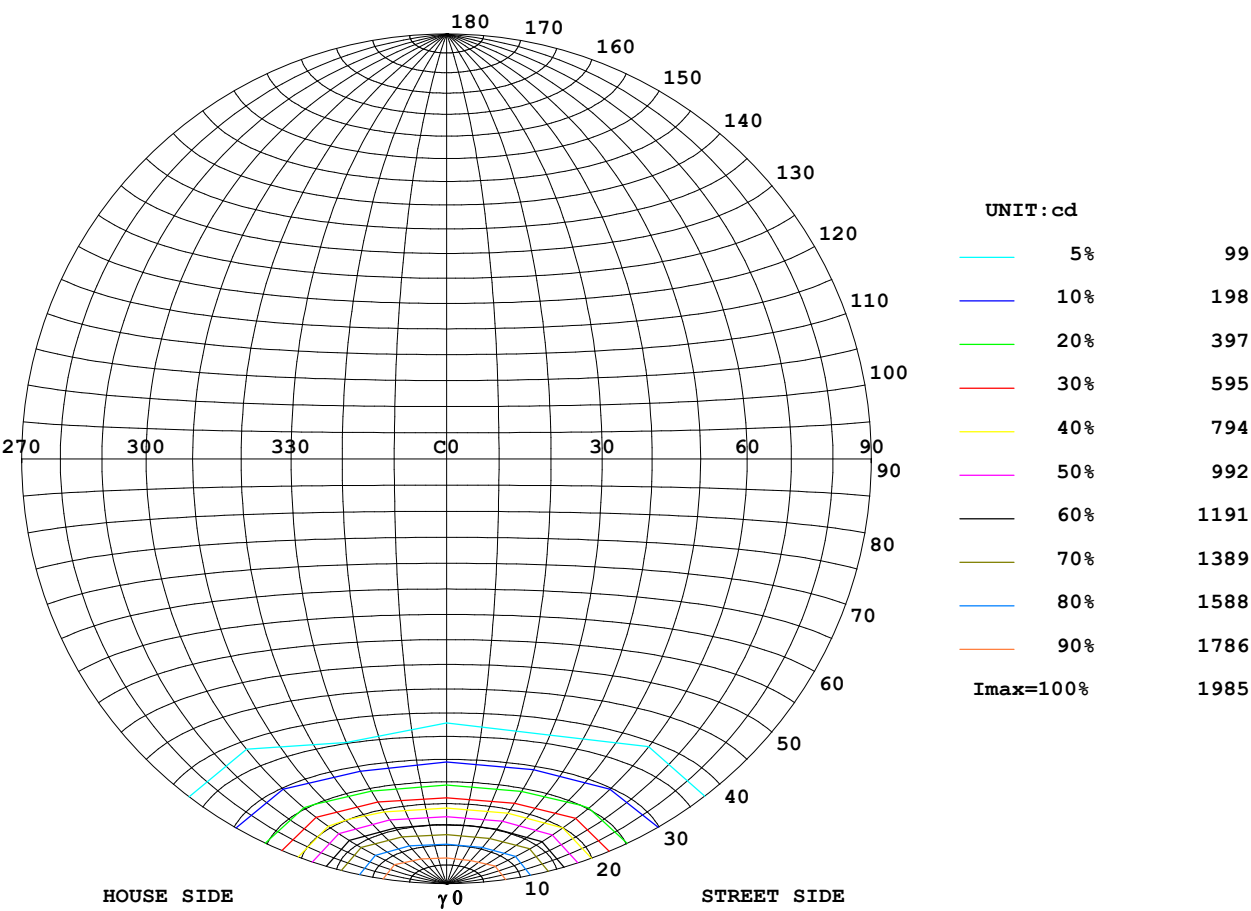
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-26-2025

Test Set: 5.0 deg/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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

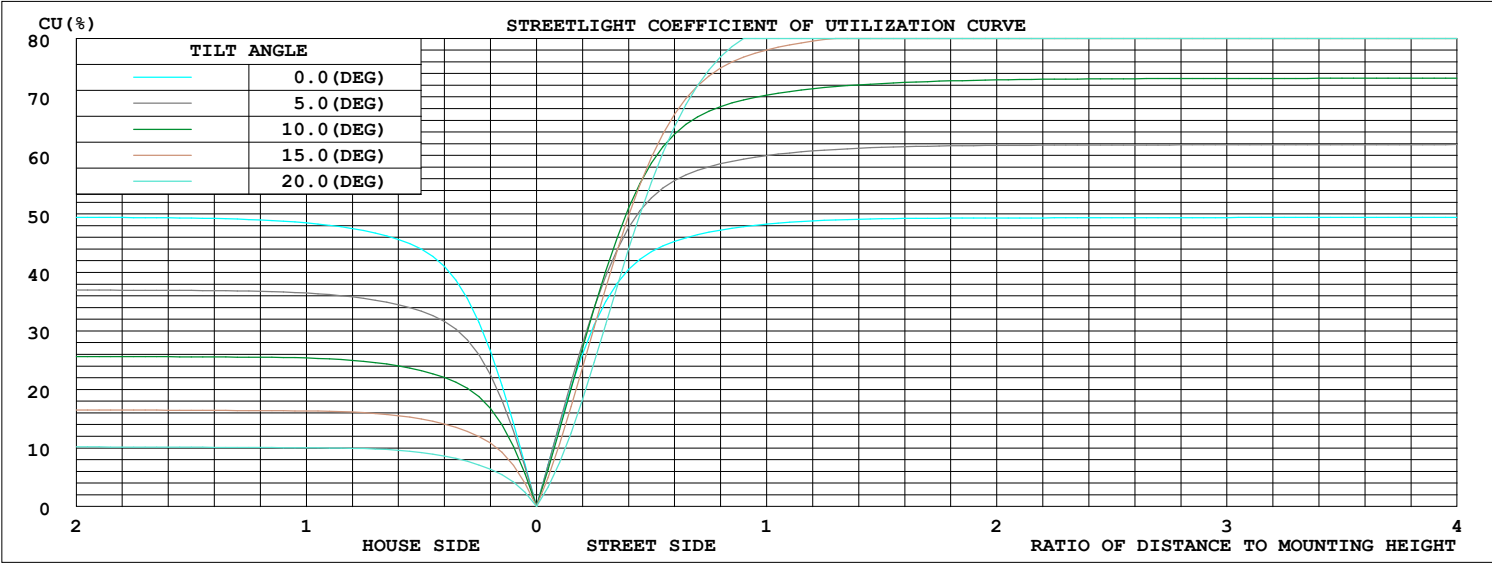
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 19.85 lx



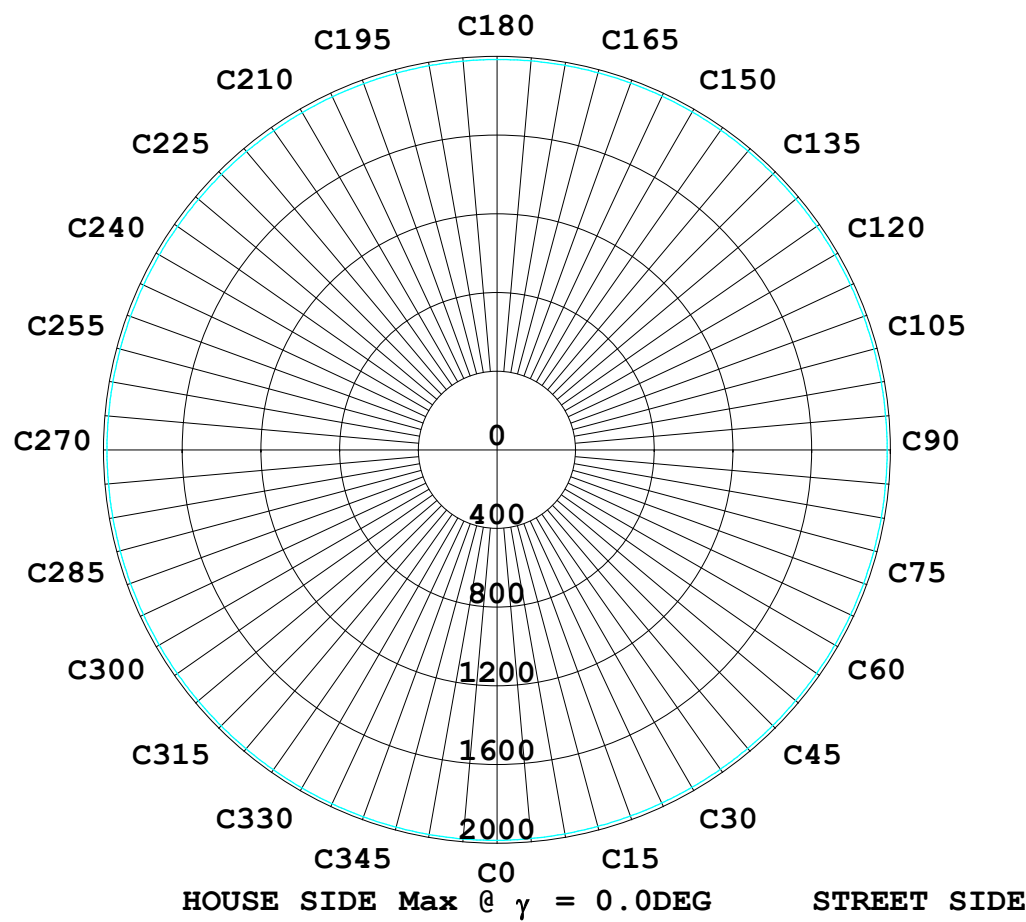
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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: MACTY 80 ANTIGLARE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 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	1985	1981	1983	1983	1983	1984	1985	1981	1983	1983	1983	1984
5.0	1879	1880	1912	1919	1940	1934	1952	1955	1933	1928	1897	1899
10.0	1608	1623	1691	1699	1732	1715	1757	1768	1729	1721	1655	1649
15.0	1180	1204	1298	1301	1345	1314	1365	1383	1337	1330	1238	1226
20.0	688	705	791	789	836	807	867	887	829	828	736	739
25.0	344	345	405	404	441	410	452	466	408	408	346	367
30.0	179	172	187	193	219	190	207	226	185	186	156	176
35.0	118	111	129	115	131	115	124	137	115	124	100	114
40.0	84.9	78.3	91.9	82.6	95.0	82.2	85.6	96.8	80.7	88.4	71.7	82.4
45.0	61.5	54.9	66.0	58.3	69.7	58.2	60.5	69.0	55.9	62.4	50.7	59.8
50.0	42.9	37.0	46.5	40.0	49.4	39.6	41.7	48.5	37.8	43.7	34.5	42.4
55.0	25.0	20.9	29.1	24.0	31.5	23.5	25.7	30.9	21.3	26.6	18.5	25.6
60.0	7.68	2.68	8.44	3.20	8.96	3.32	4.92	8.83	2.56	7.61	2.30	7.55
65.0	4.99	0.90	4.86	0.77	4.86	0.70	1.85	4.99	0.70	4.73	0.64	4.60
70.0	4.35	0.90	4.16	0.70	4.22	0.77	1.92	4.22	0.77	4.03	0.70	3.96
75.0	3.84	1.02	3.64	0.77	3.71	0.77	2.04	3.64	0.70	3.58	0.70	3.45
80.0	3.52	1.02	3.32	0.90	3.32	0.83	2.11	3.26	0.77	3.13	0.70	3.07
85.0	3.26	1.08	3.00	0.96	3.07	0.90	2.24	2.94	0.83	2.88	0.77	2.75
90.0	3.00	1.47	2.68	1.21	2.68	1.28	3.07	2.56	1.08	2.43	1.02	2.36

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