

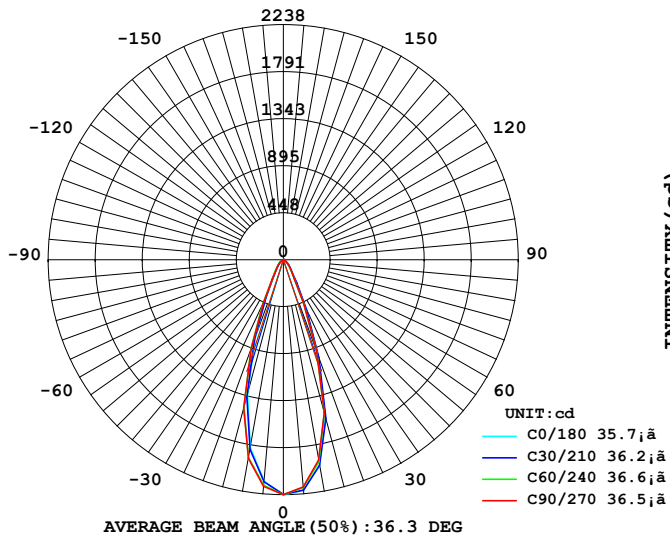
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

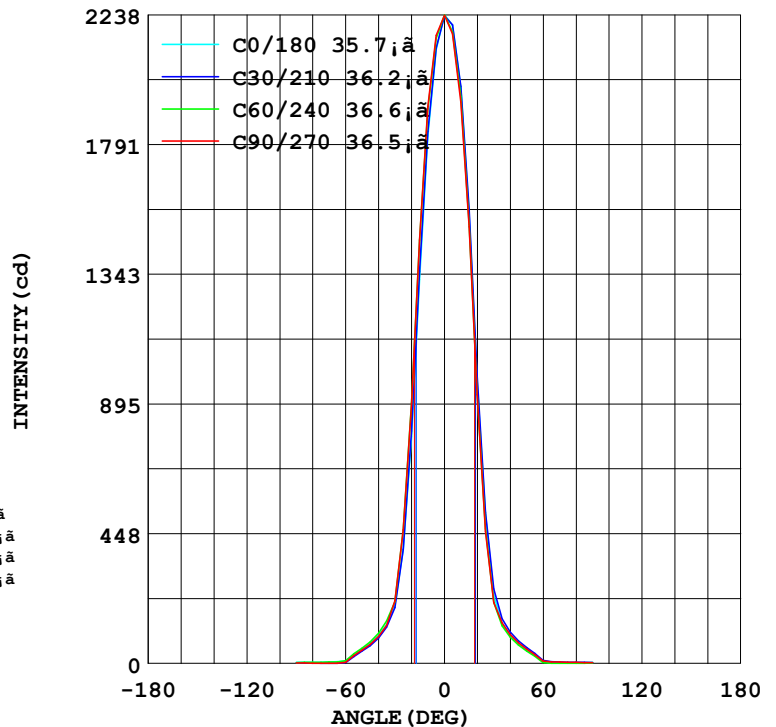
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2239	S/MH (C0/180)	0.55
MODEL	MACTY 80	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.57
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	996.06	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	101.1	Current (A)	0.048
NOMINAL FLUX (lm)	996.1	η up (%)	0.0	Power (W)	9.850
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	818.4	EEI	0.151

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 8.500 m
 Remarks: 4000K

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: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

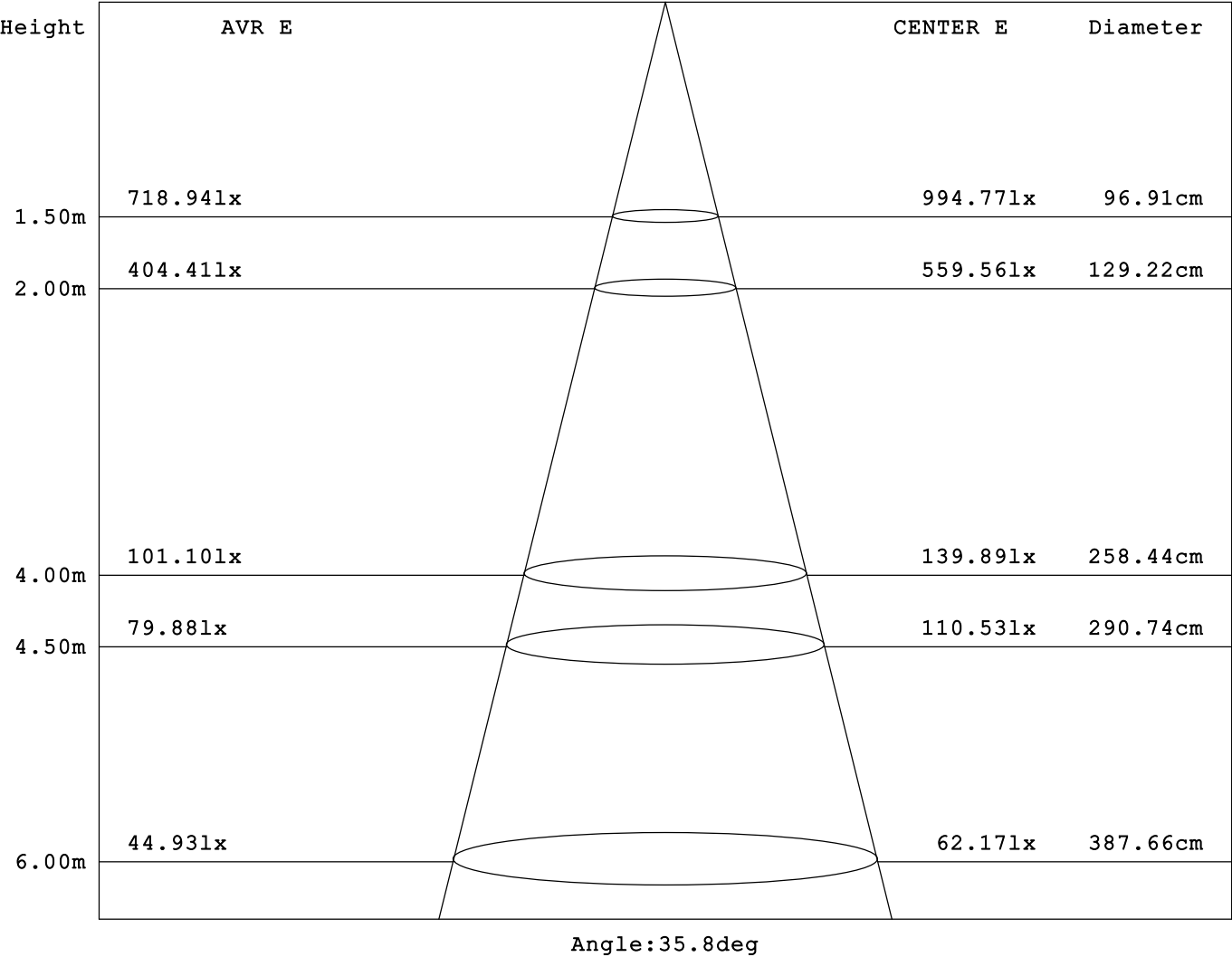
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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

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: 4000K 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:8.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K 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	1820	1875	1922	1950	1986	1973	1938	1864	0- 10	198.5	198.5
20.0	782.3	851.0	896.8	934.1	972.4	961.0	926.6	825.4	10- 20	394.1	592.7
30.0	201.0	202.5	215.9	228.9	234.8	233.0	210.6	188.2	20- 30	225.6	818.3
40.0	96.38	96.12	92.84	100.0	97.10	100.1	99.48	86.95	30- 40	89.87	908.2
50.0	48.76	47.39	45.37	50.46	47.03	48.51	49.20	43.27	40- 50	53.85	962.1
60.0	8.597	6.177	3.540	6.827	5.707	6.502	8.742	5.635	50- 60	24.66	986.7
70.0	4.913	2.890	0.795	2.781	2.239	2.781	4.551	2.601	60- 70	3.913	990.6
80.0	3.973	2.420	0.939	2.312	2.384	2.275	3.540	2.131	70- 80	2.794	993.4
90.0	3.323	2.420	1.517	2.239	3.540	2.059	2.745	1.914	80- 90	2.584	996.0
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

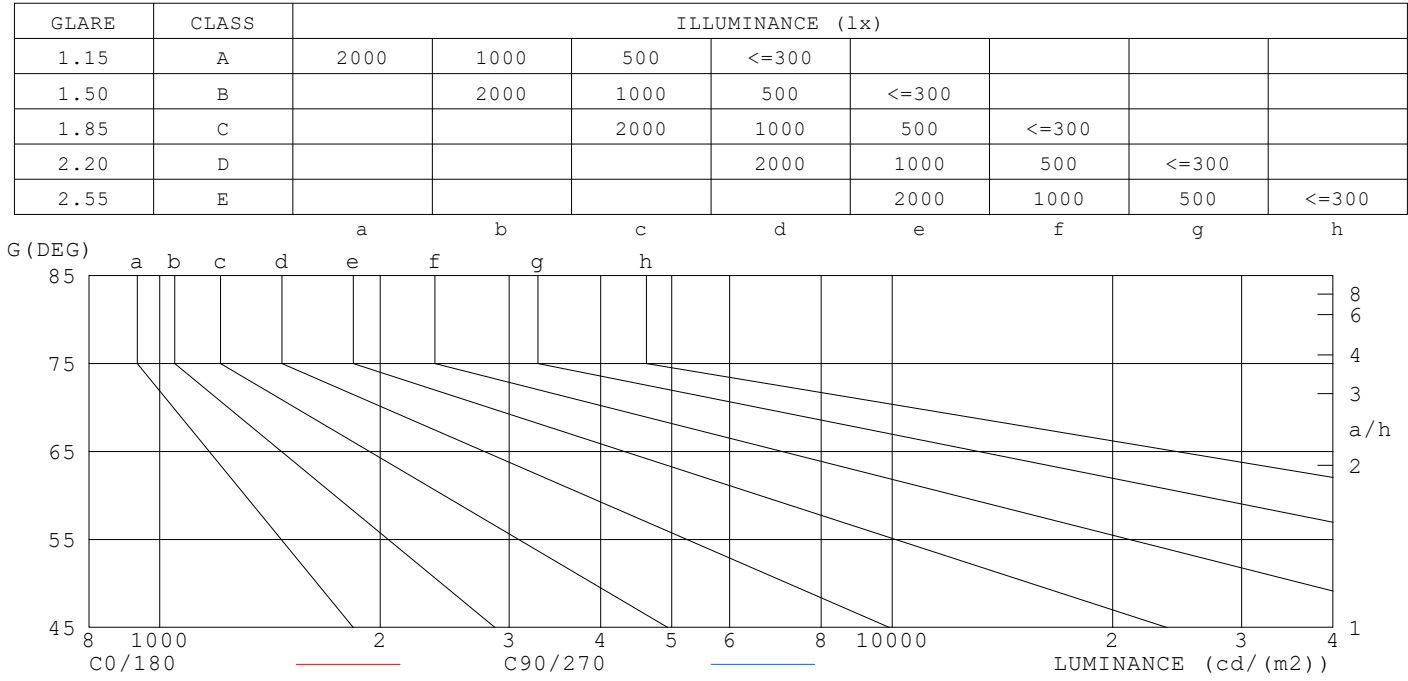
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K 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	423	133
80	229	54
75	170	33
70	144	23
65	135	19
60	172	71
55	500	469
50	759	706
45	978	926

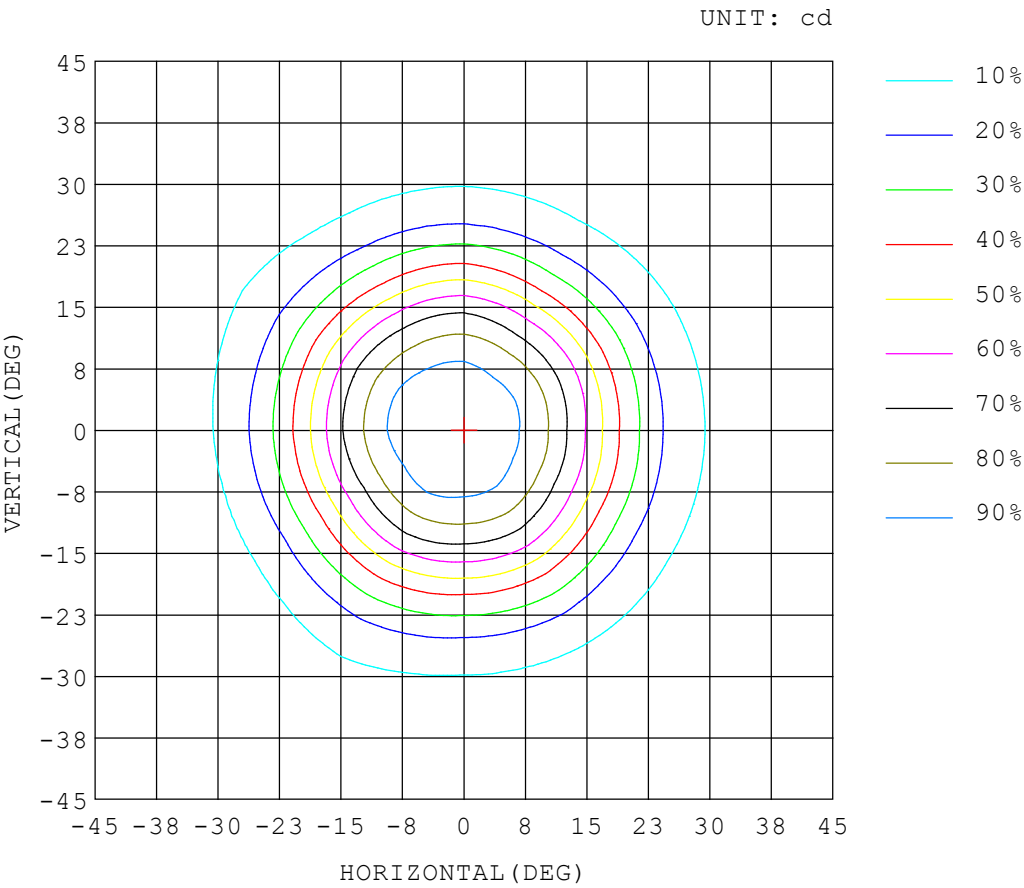
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:



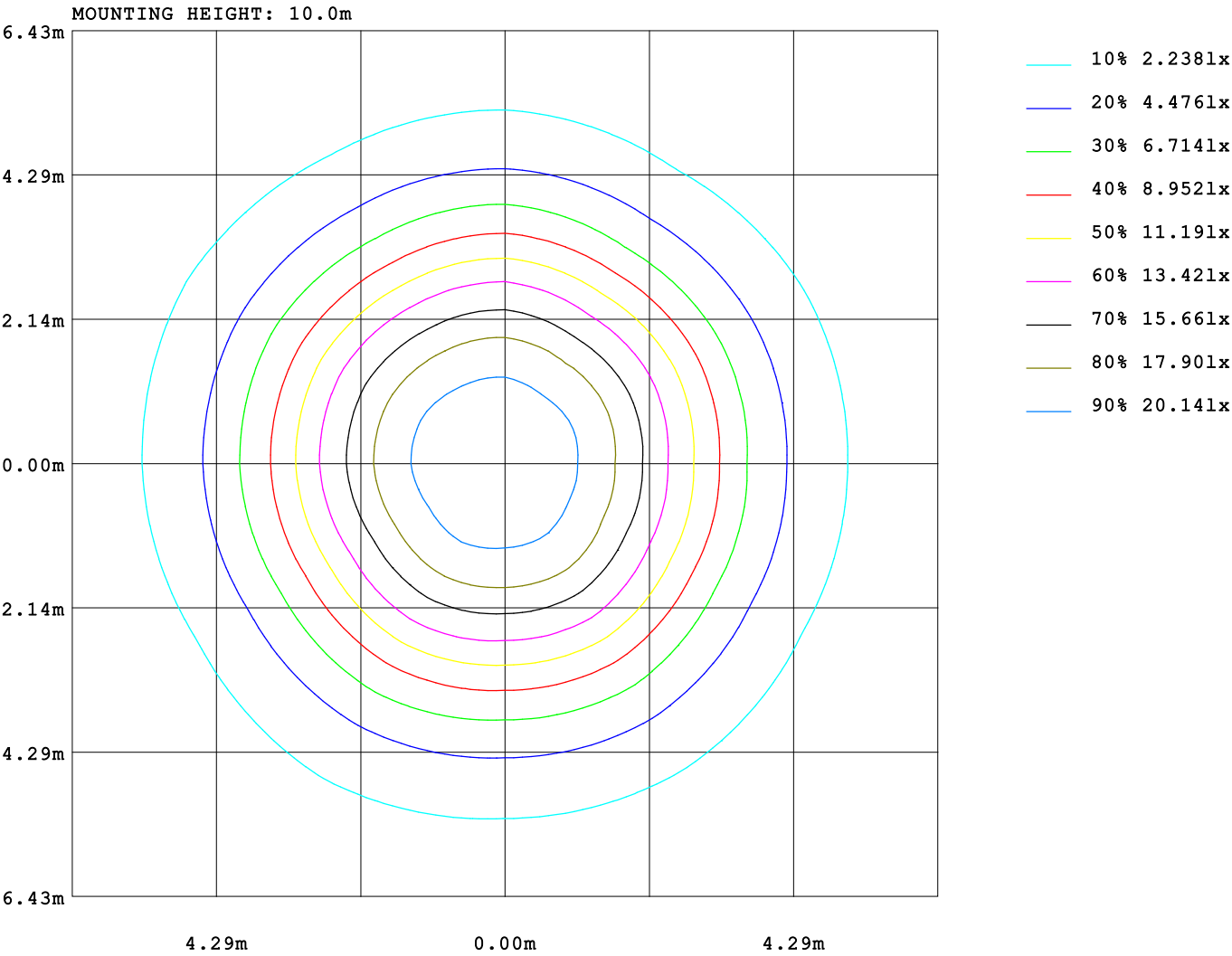
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K 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:8.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019																			
NAME: MACTY 80 ANTIGLARE										TYPE: 4000K 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					
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45									
45	0.13	0.20	0.27	0.33	0.39	0.46	0.54	0.60	0.64	0.63	0.58	0.51	0.43	0.35	0.30	0.24	0.18	0.11	6.87	0.00								
40	0.21	0.29	0.37	0.46	0.55	0.64	0.75	0.84	0.89	0.88	0.80	0.69	0.58	0.49	0.41	0.33	0.25	0.17	9.57	0.00								
35	0.27	0.37	0.49	0.61	0.74	0.87	1.05	1.21	1.31	1.28	1.13	0.95	0.77	0.65	0.53	0.43	0.33	0.23	13.2	0.00								
30	0.32	0.46	0.62	0.80	1.01	1.30	1.70	2.18	2.48	2.41	2.00	1.48	1.09	0.86	0.68	0.53	0.40	0.29	20.6	9.50								
25	0.37	0.54	0.76	1.04	1.50	2.29	3.33	4.44	5.14	4.99	4.06	2.85	1.89	1.22	0.87	0.65	0.48	0.34	36.8	29.1								
20	0.41	0.61	0.90	1.41	2.39	3.99	6.03	7.89	9.06	8.83	7.26	5.24	3.29	1.90	1.13	0.77	0.54	0.38	62.0	56.1								
15	0.45	0.67	1.03	1.82	3.52	6.17	9.17	11.6	12.9	12.6	10.8	8.12	5.15	2.78	1.45	0.89	0.61	0.42	90.2	85.1								
10	0.46	0.71	1.15	2.24	4.54	8.01	11.7	14.3	15.4	15.1	13.4	10.5	6.75	3.62	1.78	1.00	0.66	0.45	112	107								
5	0.47	0.72	1.20	2.50	5.14	9.00	12.9	15.6	16.7	16.4	14.7	11.5	7.58	4.08	1.98	1.06	0.69	0.46	123	118								
0	0.46	0.70	1.17	2.44	5.05	8.84	12.7	15.4	16.6	16.4	14.6	11.5	7.52	4.05	1.96	1.06	0.69	0.46	122	117								
-5	0.44	0.67	1.07	2.09	4.29	7.58	11.2	14.1	15.4	15.2	13.5	10.3	6.60	3.54	1.75	0.99	0.65	0.44	110	105								
-10	0.41	0.61	0.93	1.60	3.18	5.78	8.88	11.5	12.7	12.6	11.1	8.24	5.10	2.69	1.41	0.88	0.59	0.40	88.8	83.4								
-15	0.37	0.54	0.78	1.19	2.18	3.88	6.07	7.93	8.88	8.77	7.63	5.63	3.44	1.91	1.10	0.75	0.52	0.36	62.0	55.9								
-20	0.32	0.47	0.66	0.94	1.44	2.37	3.56	4.58	5.12	5.05	4.37	3.27	2.10	1.30	0.90	0.63	0.45	0.31	37.8	30.7								
-25	0.27	0.40	0.56	0.76	1.03	1.44	1.92	2.35	2.57	2.51	2.20	1.72	1.30	0.99	0.74	0.53	0.37	0.26	21.9	11.8								
-30	0.22	0.33	0.46	0.62	0.80	0.99	1.15	1.28	1.33	1.31	1.24	1.11	0.97	0.77	0.59	0.44	0.31	0.21	14.1	0.00								
-35	0.17	0.27	0.38	0.49	0.62	0.74	0.81	0.86	0.86	0.86	0.85	0.80	0.72	0.60	0.47	0.35	0.25	0.15	10.2	0.00								
-40	0.11	0.20	0.29	0.38	0.48	0.55	0.59	0.61	0.61	0.61	0.60	0.57	0.52	0.45	0.36	0.27	0.18	0.09	7.48	0.00								
-45																												
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)												10	15	20	25	30	35	40	45
Φ t	5.87	8.76	13.0	21.7	38.9	64.9	94.3	118	129	127	111	85.1	55.8	32.3	18.4	11.8	8.15	5.52	996									
Φ a	0.00	0.00	0.36	12.0	31.0	58.1	88.1	112	123	121	105	78.7	48.9	24.2	7.39	0.00	0.00	0.00			818							

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

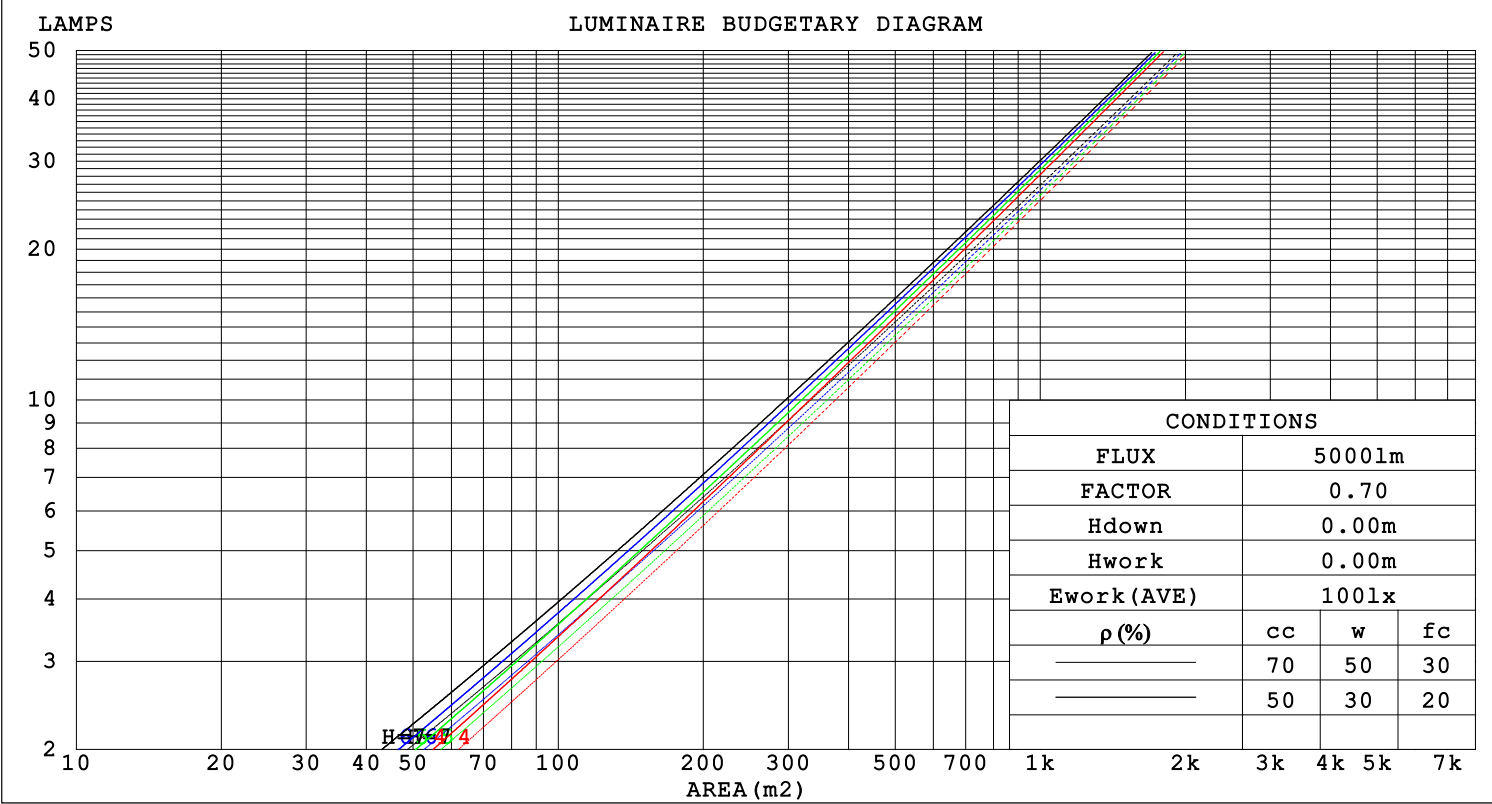
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

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: 4000K 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	.90	.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:8.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: MACTY 80 ANTIGLARE								TYPE: 4000K 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	.086	.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	.060	.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	.091	.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:8.500 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019											
NAME: MACTY 80 ANTIGLARE					TYPE: 4000K 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	5.0	5.8	5.2	6.0	6.1	5.5	6.4	5.7	6.5	6.7
	3H	4.9	5.7	5.2	5.9	6.1	5.4	6.2	5.6	6.4	6.6
	4H	4.9	5.6	5.2	5.9	6.1	5.3	6.1	5.6	6.3	6.5
	6H	5.0	5.7	5.3	5.9	6.2	5.3	6.0	5.6	6.2	6.4
	8H	5.1	5.8	5.4	6.0	6.3	5.3	5.9	5.6	6.2	6.4
	12H	5.3	6.0	5.6	6.2	6.5	5.2	5.9	5.6	6.1	6.4
4H	2H	4.8	5.6	5.1	5.8	6.0	5.4	6.1	5.6	6.3	6.5
	3H	4.8	5.4	5.1	5.7	5.9	5.3	5.9	5.6	6.2	6.4
	4H	4.8	5.4	5.1	5.7	6.0	5.2	5.8	5.6	6.1	6.4
	6H	4.9	5.4	5.3	5.8	6.1	5.2	5.7	5.6	6.1	6.4
	8H	5.1	5.6	5.5	5.9	6.3	5.2	5.7	5.6	6.1	6.4
	12H	5.4	5.9	5.8	6.2	6.6	5.3	5.7	5.7	6.1	6.5
8H	4H	4.7	5.2	5.1	5.5	5.9	5.1	5.6	5.5	6.0	6.3
	6H	4.8	5.2	5.3	5.6	6.0	5.3	5.7	5.7	6.1	6.5
	8H	5.1	5.4	5.5	5.8	6.3	5.4	5.7	5.8	6.2	6.6
	12H	5.5	5.8	6.0	6.3	6.7	5.6	5.9	6.0	6.3	6.8
12H	4H	4.7	5.1	5.1	5.5	5.9	5.1	5.5	5.5	5.9	6.3
	6H	4.9	5.2	5.3	5.6	6.1	5.3	5.6	5.7	6.0	6.5
	8H	5.1	5.4	5.6	5.8	6.3	5.4	5.7	5.9	6.2	6.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.1 / - 3.8					+ 2.0 / - 4.3				
1.5H		+ 1.6 / - 6.1					+ 1.4 / - 4.9				
2.0H		+ 4.1 / - 4.9					+ 3.5 / - 5.5				

CIE Pub.117 Corrected 996.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

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:8.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K 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	113	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		

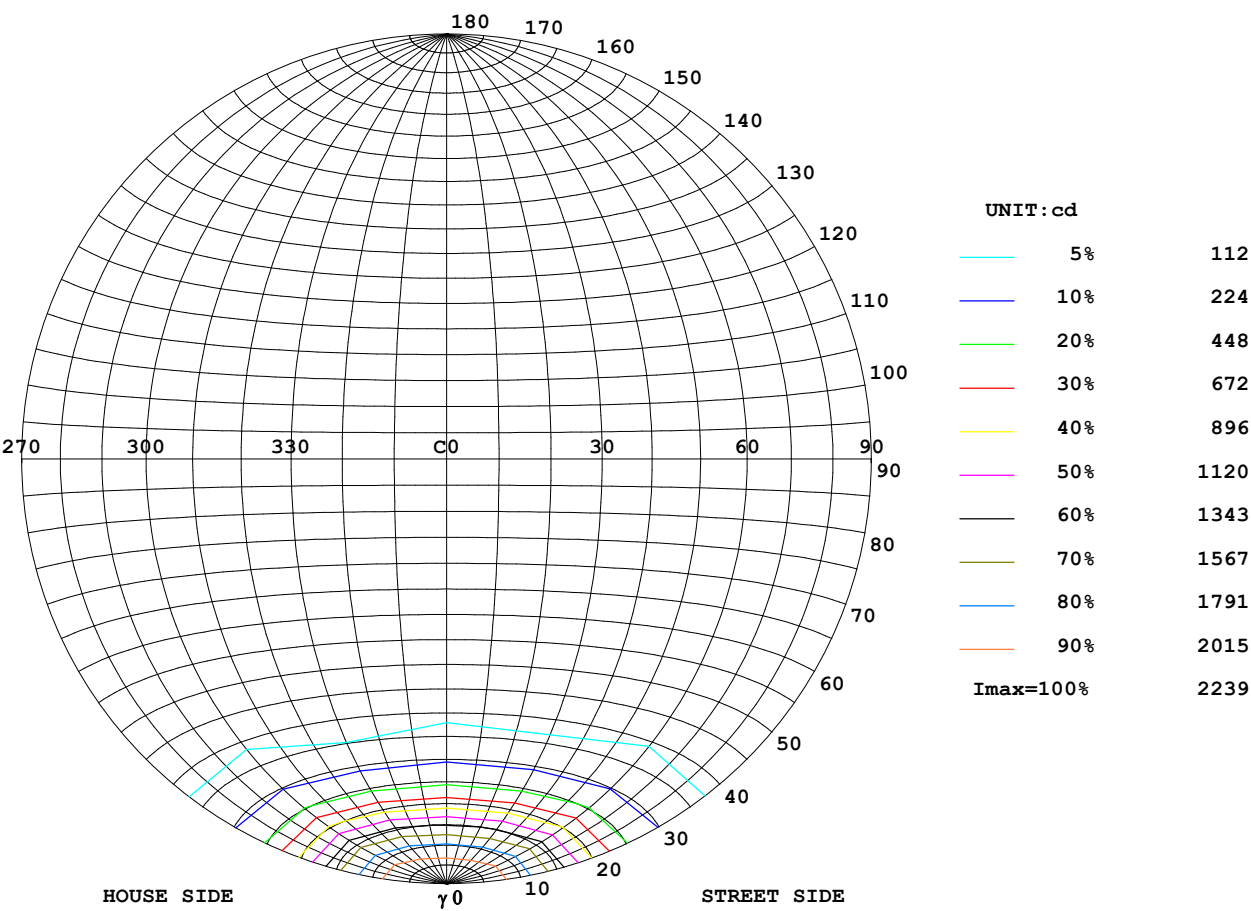
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-26-2025

Test Set: 5.0deg/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, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K 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

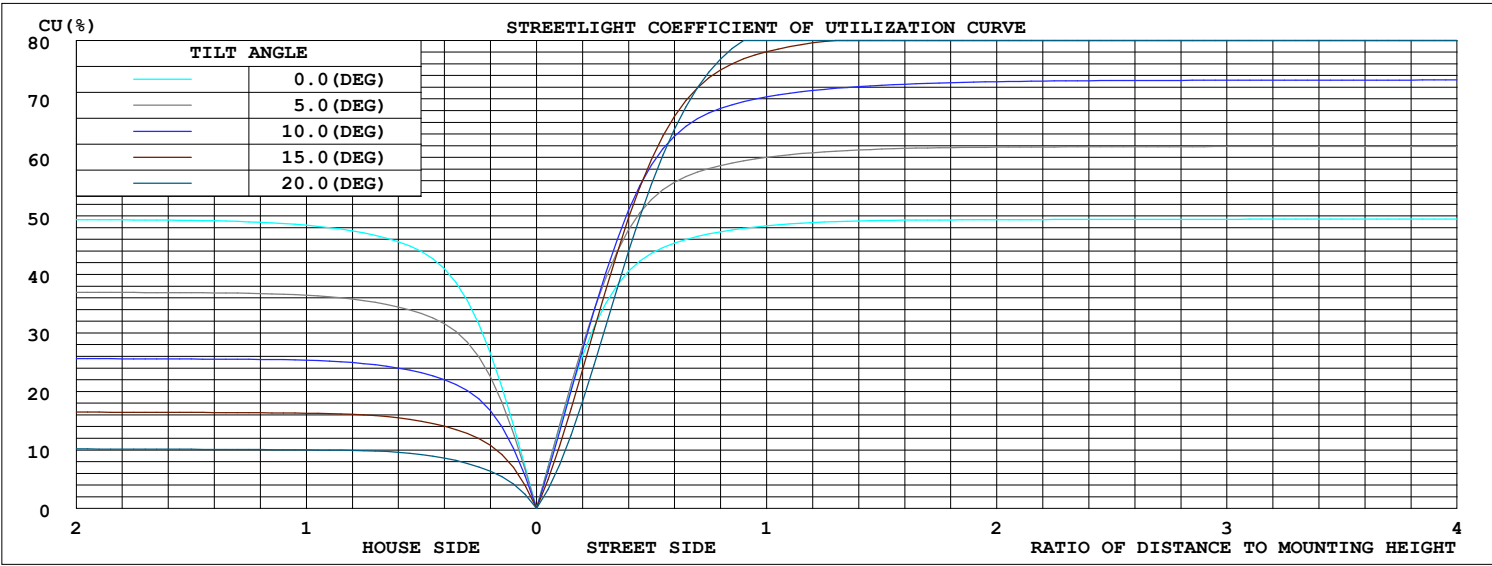
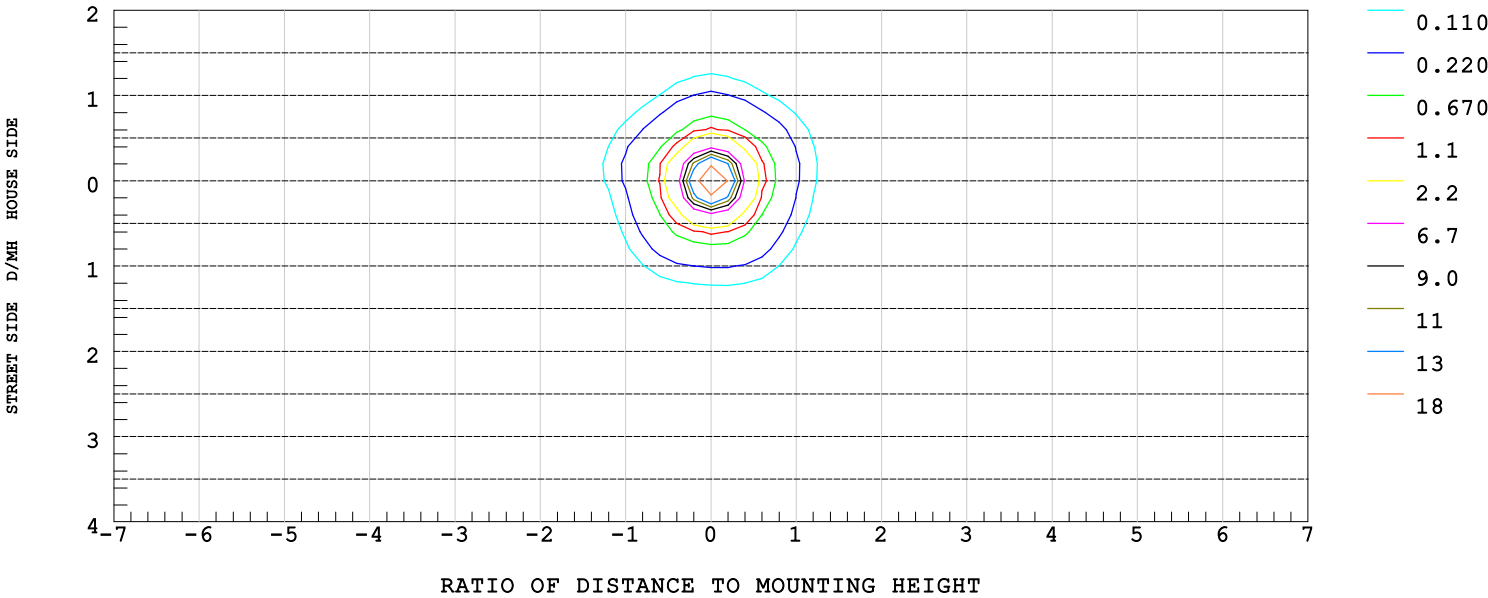
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-80 H-150 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 22.38 lx



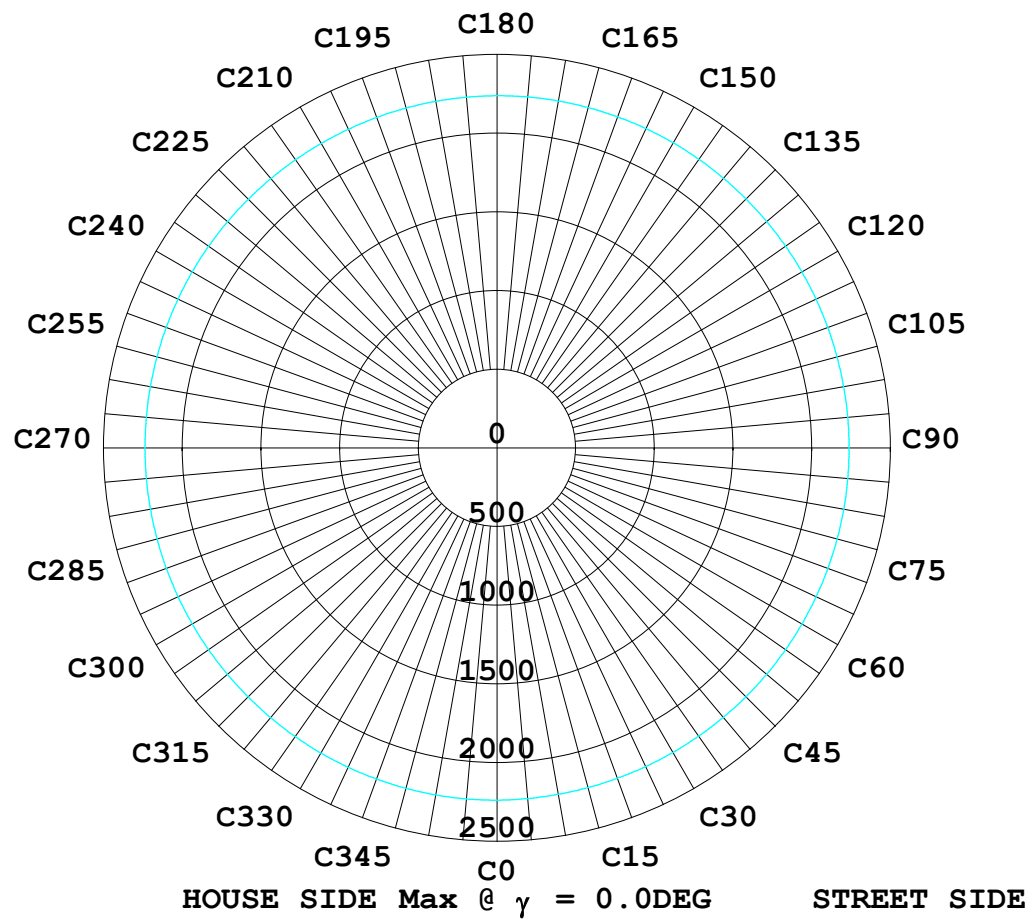
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-26-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: MACTY 80 ANTIGLARE	TYPE: 4000K 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:8.500 m
Remarks: 4000K

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: 4000K 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	2238	2235	2237	2237	2237	2239	2238	2235	2237	2237	2237	2239
5.0	2119	2124	2157	2167	2189	2184	2202	2204	2179	2173	2138	2141
10.0	1820	1836	1913	1922	1959	1940	1986	1991	1956	1938	1872	1856
15.0	1325	1353	1459	1462	1511	1477	1547	1566	1514	1507	1401	1390
20.0	782	802	900	897	951	917	972	994	929	927	823	828
25.0	392	394	461	461	503	467	514	521	465	455	394	410
30.0	201	193	212	216	246	212	235	256	210	211	177	200
35.0	134	126	146	131	148	130	139	154	129	139	113	128
40.0	96.3	88.0	104	92.8	108	92.4	97.1	109	91.3	99.4	81.2	92.6
45.0	69.1	61.7	74.2	65.4	78.3	65.4	68.7	78.1	63.4	70.7	57.5	67.8
50.0	48.7	42.0	52.7	45.3	56.0	44.8	47.0	54.5	42.4	49.2	38.7	47.7
55.0	28.6	23.3	33.3	26.8	35.9	26.3	29.2	35.2	24.3	30.3	21.1	29.2
60.0	8.59	2.96	9.39	3.54	9.97	3.68	5.70	10.0	2.96	8.74	2.67	8.59
65.0	5.70	1.01	5.49	0.79	5.56	0.79	2.09	5.56	0.87	5.34	0.79	5.27
70.0	4.91	1.08	4.69	0.79	4.76	0.79	2.23	4.76	0.79	4.55	0.79	4.40
75.0	4.40	1.08	4.11	0.87	4.19	0.87	2.23	4.19	0.79	4.04	0.79	3.97
80.0	3.97	1.15	3.68	0.94	3.68	0.94	2.38	3.61	0.94	3.54	0.79	3.46
85.0	3.68	1.30	3.46	1.15	3.46	1.08	2.52	3.32	0.94	3.17	0.87	3.10
90.0	3.32	1.73	3.10	1.51	3.03	1.44	3.54	2.89	1.22	2.74	1.15	2.67

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