

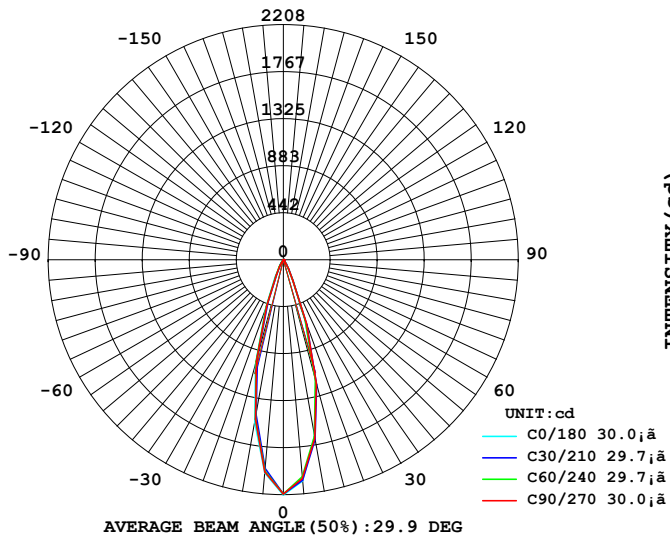
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

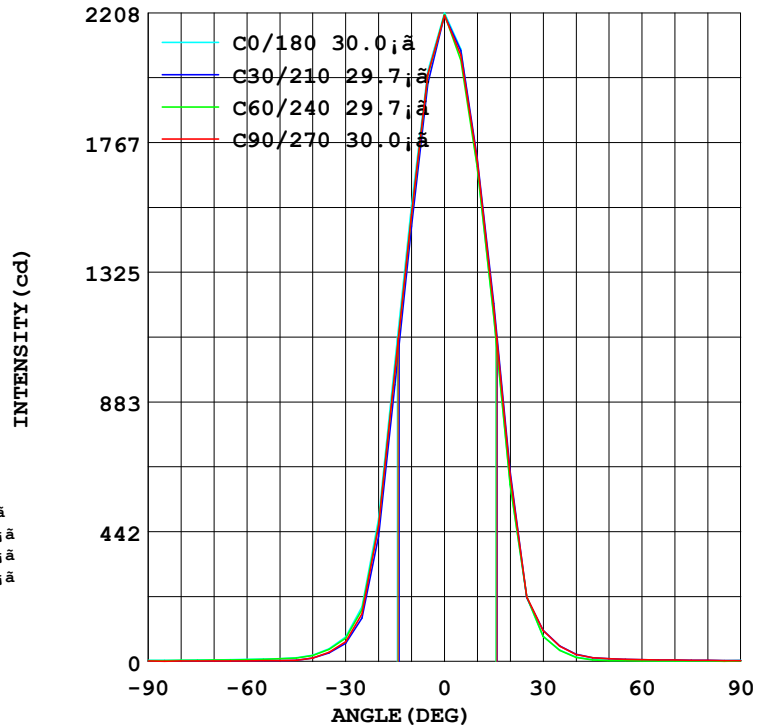
MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2208	S/MH (C0/180)	0.47
MODEL	ELLIS 55	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.46
NOMINAL POWER (W)	9	TOTAL FLUX (lm)	640.81	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	70.4	Current (A)	0.040
NOMINAL FLUX (lm)	640.8	η up (%)	0.0	Power (W)	9.100
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.982
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	555.4	EEI	0.190

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-21-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

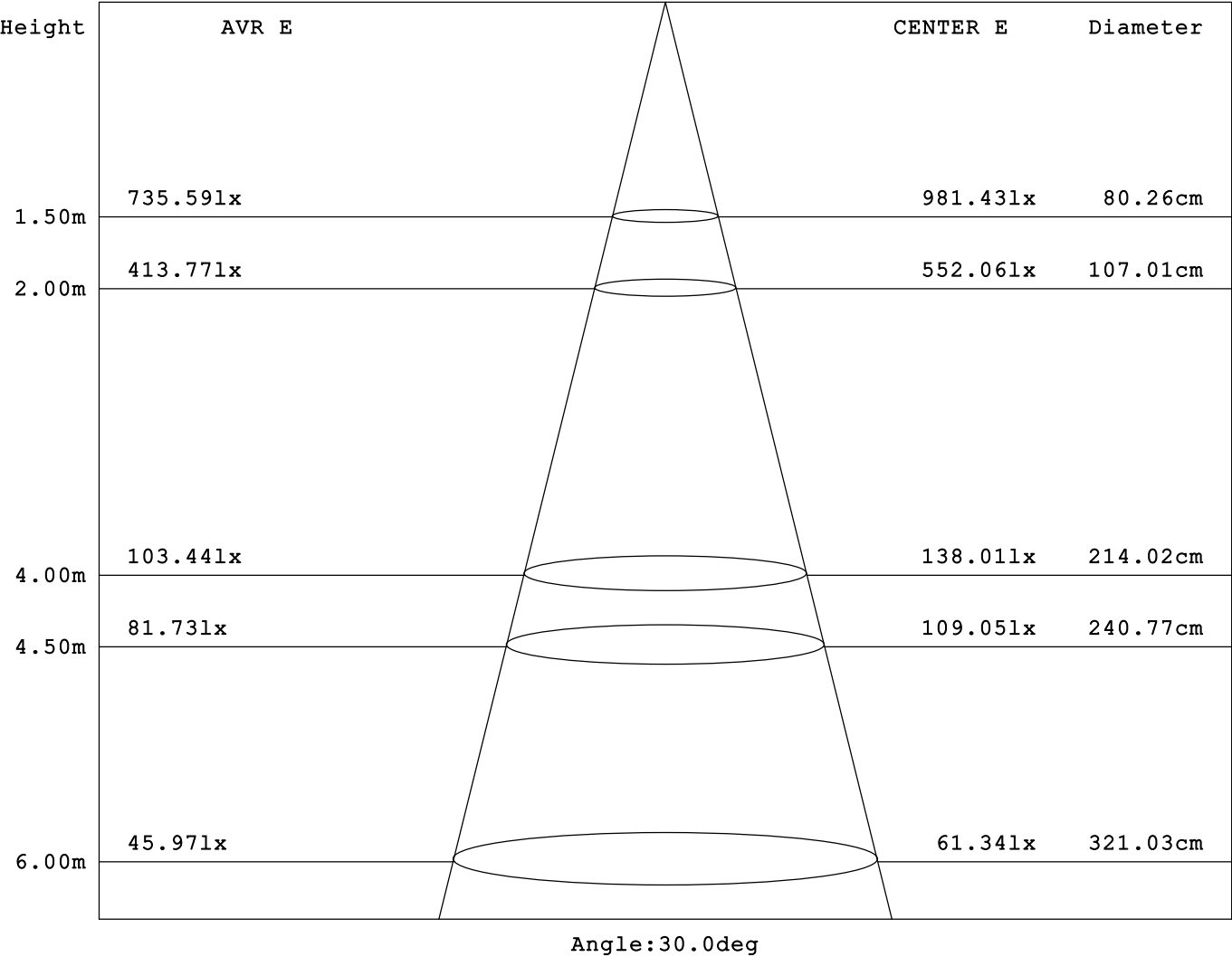
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1553	1502	1521	1598	1687	1700	1707	1662	0- 10	181.4	181.4
20.0	485.8	447.1	461.2	529.5	605.3	624.5	634.8	580.5	10- 20	296.0	477.5
30.0	83.43	70.30	66.50	82.13	85.13	96.10	105.5	90.47	20- 30	113.6	591.1
40.0	21.62	15.63	11.82	16.56	14.82	18.95	23.00	18.26	30- 40	28.24	619.3
50.0	9.639	5.994	2.835	5.710	4.212	5.913	8.991	5.953	40- 50	7.751	627.1
60.0	6.966	4.090	1.863	3.888	3.402	4.131	6.318	4.090	50- 60	4.550	631.6
70.0	5.022	3.037	1.296	2.835	2.916	2.956	4.455	2.916	60- 70	3.558	635.2
80.0	3.969	2.470	1.134	2.268	2.835	2.389	3.564	2.308	70- 80	2.961	638.2
90.0	3.321	2.308	1.377	2.106	3.807	2.106	2.673	2.025	80- 90	2.606	640.8
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:07-21-2025

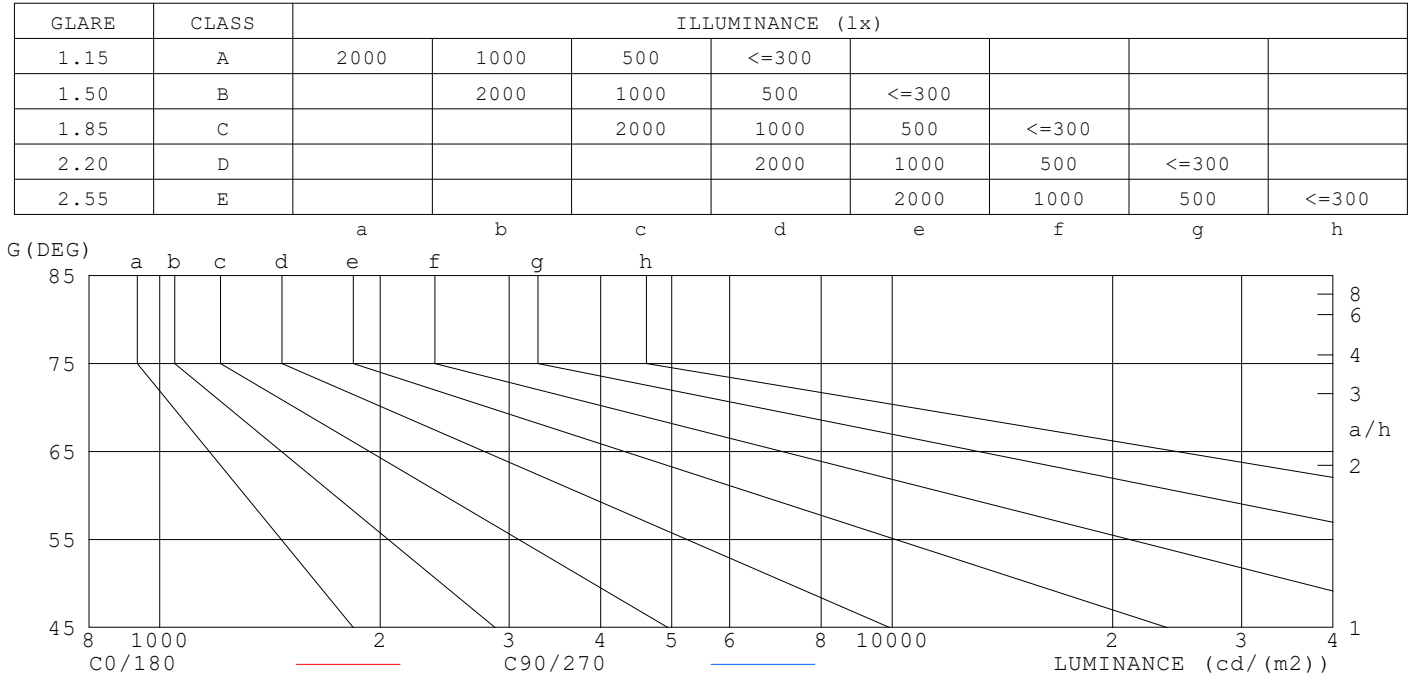
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	418	121
80	229	65
75	172	47
70	147	38
65	134	34
60	139	37
55	143	38
50	150	44
45	179	60

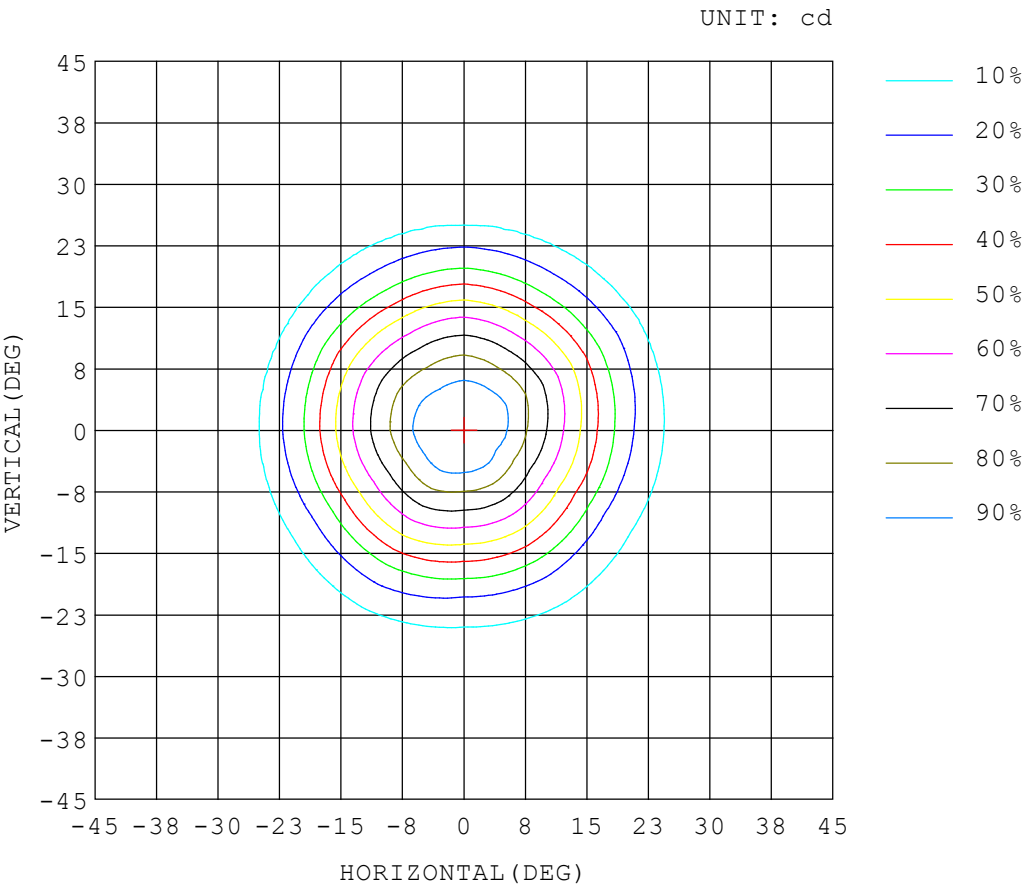
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



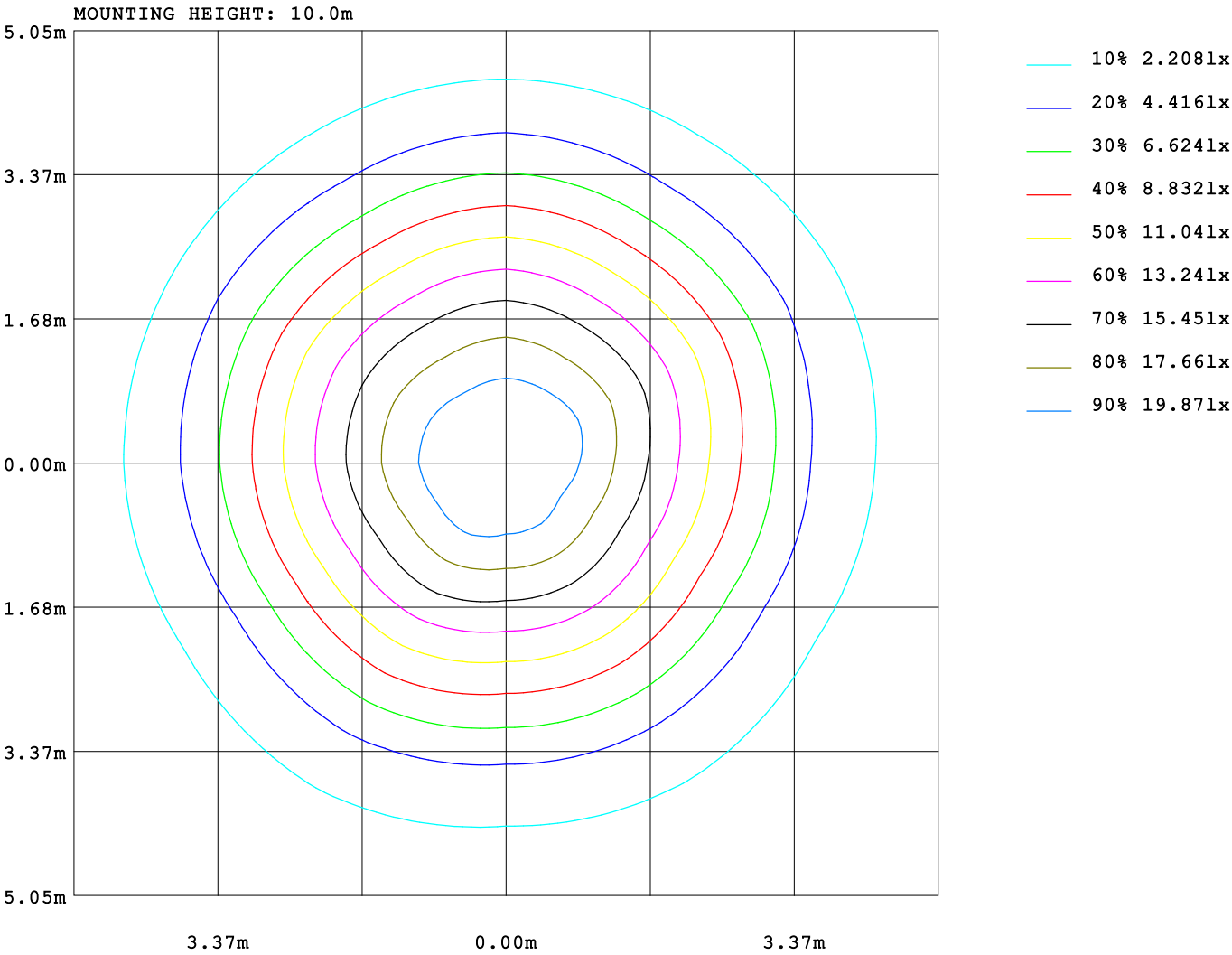
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: ELLIS 55										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-62 CUTOUT-55 H-77 MM					SERIAL No.:				

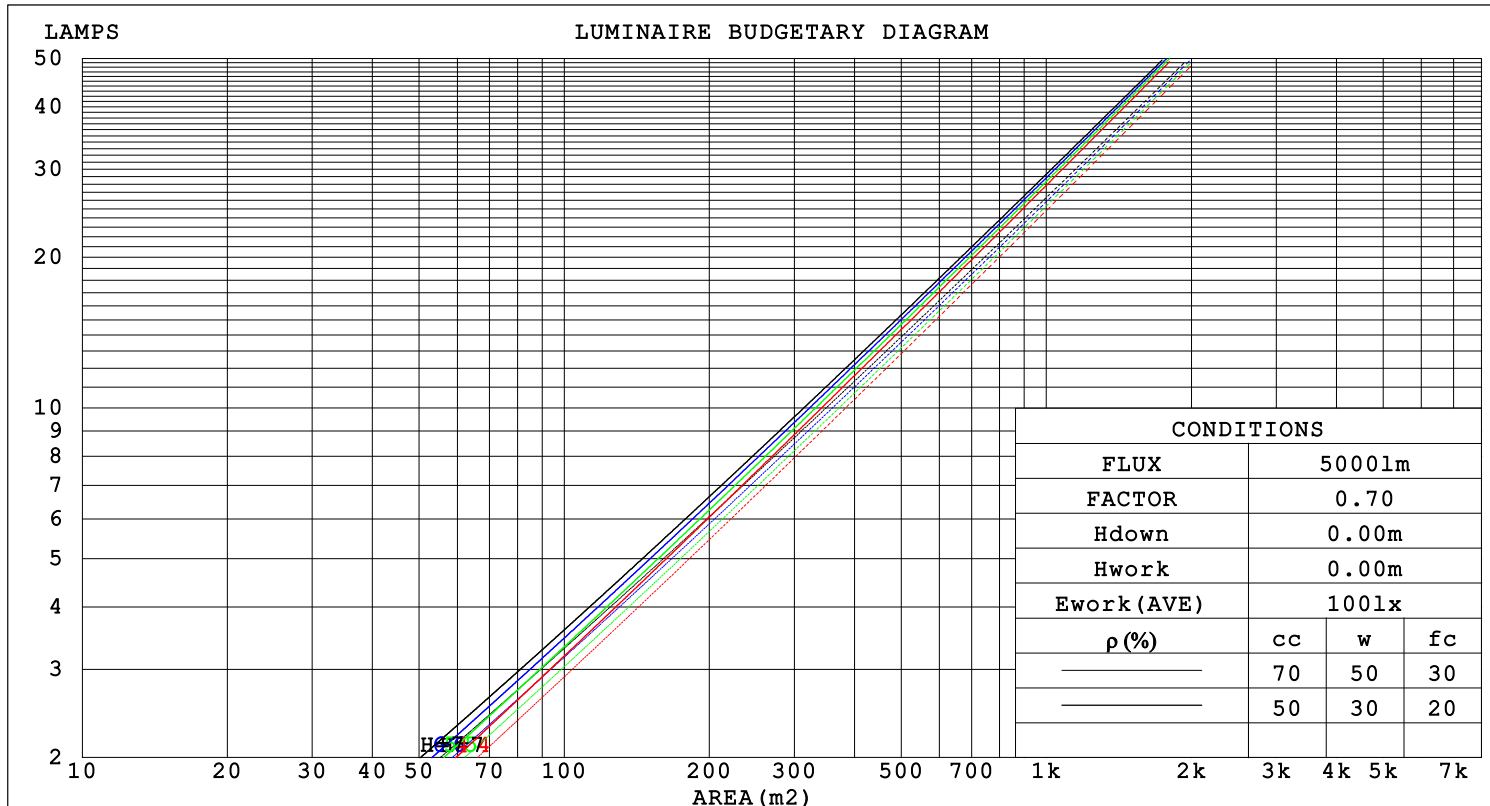
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.03	0.03	0.03	0.03	0.05	0.07	0.10	0.12	0.12	0.10	0.07	0.05	0.03	0.03	0.03	0.03	0.03	1.02	0.00		
45	0.04	0.04	0.05	0.06	0.07	0.10	0.16	0.22	0.27	0.27	0.22	0.16	0.10	0.07	0.05	0.05	0.04	0.04	1.99	0.00		
40	0.05	0.06	0.07	0.11	0.16	0.23	0.35	0.48	0.57	0.57	0.47	0.35	0.23	0.15	0.10	0.07	0.06	0.05	4.12	0.00		
35	0.05	0.08	0.12	0.20	0.33	0.49	0.73	1.01	1.19	1.19	1.00	0.71	0.47	0.31	0.20	0.12	0.08	0.06	8.35	0.00		
30	0.06	0.10	0.20	0.35	0.59	1.00	1.63	2.48	3.11	3.08	2.42	1.57	0.97	0.56	0.33	0.19	0.10	0.06	18.8	11.8		
25	0.06	0.12	0.28	0.55	1.00	1.99	3.74	5.47	6.72	6.66	5.32	3.55	1.91	0.97	0.51	0.27	0.13	0.07	39.3	34.2		
20	0.06	0.15	0.34	0.73	1.57	3.79	6.63	9.15	10.7	10.6	8.90	6.26	3.50	1.52	0.69	0.34	0.16	0.08	65.3	61.1		
15	0.07	0.17	0.39	0.91	2.34	5.46	9.25	12.2	13.9	13.9	11.9	8.68	4.89	2.10	0.85	0.39	0.19	0.09	87.8	84.0		
10	0.06	0.17	0.41	1.01	2.83	6.36	10.4	13.9	15.9	15.8	13.4	9.62	5.50	2.38	0.92	0.41	0.20	0.10	99.7	96.1		
5	0.06	0.16	0.39	0.98	2.72	6.11	10.1	13.5	15.7	15.4	12.8	9.10	5.16	2.22	0.86	0.39	0.19	0.09	96.2	92.8		
0	0.05	0.14	0.33	0.81	2.10	4.79	8.35	11.4	13.3	12.9	10.7	7.39	4.00	1.71	0.70	0.33	0.16	0.08	79.5	76.0		
-5	0.04	0.10	0.26	0.57	1.32	3.14	5.85	8.40	9.52	9.28	7.74	5.12	2.60	1.08	0.49	0.25	0.12	0.06	56.0	52.3		
-10	0.03	0.07	0.18	0.38	0.82	1.72	3.29	4.77	5.50	5.33	4.34	2.83	1.44	0.68	0.32	0.17	0.08	0.04	32.0	27.7		
-15	0.02	0.05	0.11	0.25	0.49	0.91	1.49	2.09	2.38	2.30	1.90	1.29	0.78	0.42	0.22	0.10	0.05	0.03	14.9	8.03		
-20	0.02	0.03	0.07	0.16	0.30	0.49	0.70	0.85	0.89	0.87	0.78	0.62	0.44	0.27	0.15	0.07	0.03	0.02	6.75	0.00		
-25	0.02	0.03	0.05	0.10	0.18	0.28	0.35	0.39	0.39	0.38	0.37	0.32	0.25	0.16	0.09	0.05	0.03	0.02	3.42	0.00		
-30	0.02	0.03	0.04	0.06	0.10	0.14	0.17	0.18	0.17	0.17	0.17	0.16	0.14	0.10	0.06	0.04	0.03	0.02	1.79	0.00		
-35	0.02	0.03	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.07	0.08	0.08	0.08	0.07	0.05	0.04	0.03	0.02	1.01	0.00		
-40																						
-45																						
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45		
Φ t	0.75	1.54	3.36	7.32	17.0	37.1	63.5	87.0	101	99.1	82.8	57.9	32.5	14.8	6.63	3.29	1.70	0.97	641			
Φ a	0.00	0.00	0.00	0.00	10.4	32.1	59.1	82.9	96.6	95.2	78.7	53.5	27.6	7.88	0.00	0.00	0.00	0.00		555		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96														
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.94	.93	.92														
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.95	.93	.91	.93	.91	.89	.88														
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.85														
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.81														
6.0	.89	.85	.82	.89	.84	.81	.87	.84	.81	.86	.83	.80	.85	.82	.80	.79														
7.0	.86	.82	.78	.85	.81	.78	.84	.81	.78	.83	.80	.77	.82	.79	.77	.76														
8.0	.83	.79	.76	.83	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.75	.73														
9.0	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.78	.74	.72	.71														
10.0	.78	.73	.71	.77	.73	.70	.77	.73	.70	.76	.73	.70	.75	.72	.70	.69														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: ELLIS 55								TYPE: 3000K CRI-90				WEIGHT:		
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-62 CUTOUT-55 H-77 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	.151	.086	.027	.145	.082	.026	.132	.076	.024	.121	.070	.022	.110	.064	.021	
2.0	.139	.076	.023	.134	.074	.023	.123	.069	.021	.114	.064	.020	.105	.059	.019	
3.0	.129	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.101	.056	.017	
4.0	.121	.063	.019	.117	.061	.018	.110	.058	.017	.103	.055	.017	.097	.053	.016	
5.0	.114	.058	.017	.111	.057	.017	.104	.054	.016	.099	.052	.015	.093	.050	.015	
6.0	.108	.054	.015	.105	.053	.015	.100	.051	.015	.094	.049	.014	.090	.047	.014	
7.0	.102	.051	.014	.100	.050	.014	.095	.048	.014	.091	.046	.014	.087	.045	.013	
8.0	.098	.048	.013	.095	.047	.013	.091	.046	.013	.087	.044	.013	.084	.043	.012	
9.0	.093	.045	.013	.091	.044	.012	.088	.043	.012	.084	.042	.012	.081	.041	.012	
10.0	.089	.043	.012	.088	.042	.012	.084	.041	.012	.081	.040	.011	.078	.039	.011	

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	.169	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.130	.114	.101	.089	.079	.070	.051	.046	.041	.016	.015	.013	
3.0	.137	.113	.094	.118	.098	.082	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.125	.098	.077	.108	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.064	.099	.074	.056	.068	.052	.040	.039	.031	.023	.013	.010	.008	
6.0	.106	.076	.054	.091	.066	.047	.063	.046	.034	.037	.027	.020	.012	.009	.007	
7.0	.099	.068	.046	.085	.059	.040	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.093	.061	.040	.080	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.087	.056	.035	.075	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.030	.071	.044	.027	.049	.031	.019	.029	.018	.011	.009	.006	.004	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 55					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-62 CUTOUT-55 H-77 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	-4.1	-3.4	-3.9	-3.2	-3.1	-4.1	-3.4	-3.9	-3.3	-3.1
	3H	-2.5	-1.9	-2.3	-1.7	-1.5	-3.4	-2.8	-3.2	-2.6	-2.4
	4H	-1.4	-0.8	-1.2	-0.6	-0.4	-3.0	-2.4	-2.7	-2.1	-1.9
	6H	0.0	0.6	0.3	0.9	1.1	-2.5	-1.9	-2.2	-1.7	-1.4
	8H	0.9	1.5	1.2	1.7	2.0	-2.3	-1.7	-2.0	-1.5	-1.2
	12H	2.0	2.5	2.3	2.8	3.0	-1.9	-1.4	-1.6	-1.1	-0.9
4H	2H	-3.8	-3.2	-3.6	-3.0	-2.8	-3.8	-3.2	-3.5	-2.9	-2.7
	3H	-2.3	-1.7	-2.0	-1.5	-1.2	-2.4	-1.8	-2.0	-1.5	-1.3
	4H	-1.1	-0.6	-0.7	-0.3	0.0	-1.5	-1.0	-1.2	-0.7	-0.4
	6H	0.6	1.0	1.0	1.4	1.7	-0.7	-0.2	-0.3	0.1	0.5
	8H	1.6	2.1	2.0	2.4	2.8	-0.3	0.1	0.1	0.5	0.9
	12H	2.9	3.3	3.3	3.7	4.1	0.2	0.6	0.6	1.0	1.4
8H	4H	-0.7	-0.3	-0.3	0.0	0.4	-1.0	-0.6	-0.6	-0.2	0.1
	6H	0.9	1.3	1.3	1.7	2.1	0.5	0.8	0.9	1.2	1.6
	8H	2.0	2.3	2.5	2.8	3.2	1.3	1.6	1.7	2.0	2.4
	12H	3.6	3.8	4.0	4.3	4.7	2.1	2.4	2.6	2.8	3.3
12H	4H	-0.6	-0.2	-0.2	0.2	0.6	-1.0	-0.6	-0.6	-0.2	0.2
	6H	1.1	1.4	1.6	1.8	2.3	0.7	1.0	1.1	1.4	1.8
	8H	2.2	2.5	2.7	2.9	3.4	1.7	2.0	2.2	2.4	2.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.5 / - 0.3					+ 0.3 / - 0.3				
1.5H		+ 1.1 / - 0.5					+ 0.5 / - 0.5				
2.0H		+ 0.8 / - 0.6					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 640.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 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	84	80	89	83	80	88	83	80	76
0.80	97	91	88	96	91	88	95	90	87	84
1.00	100	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	105	101	99	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

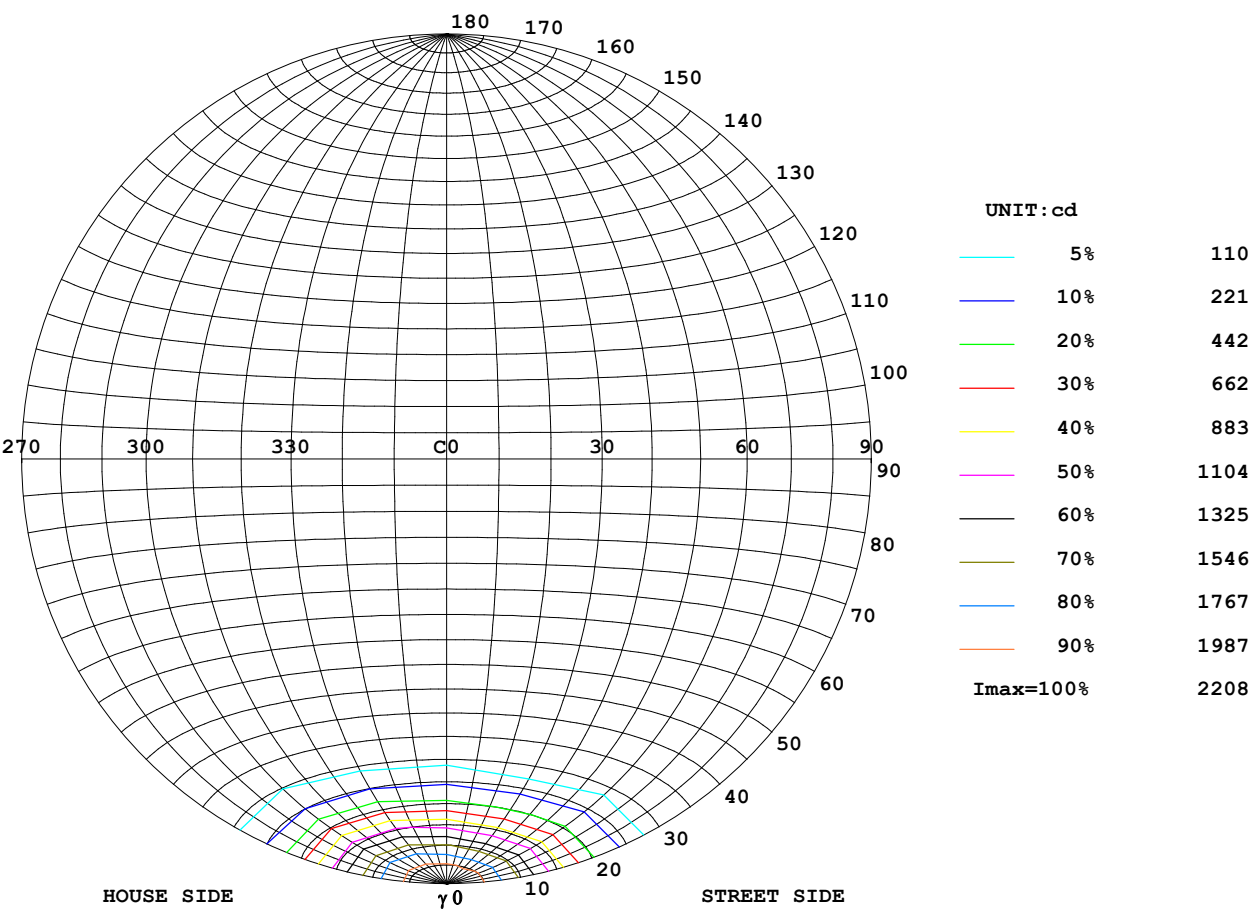
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

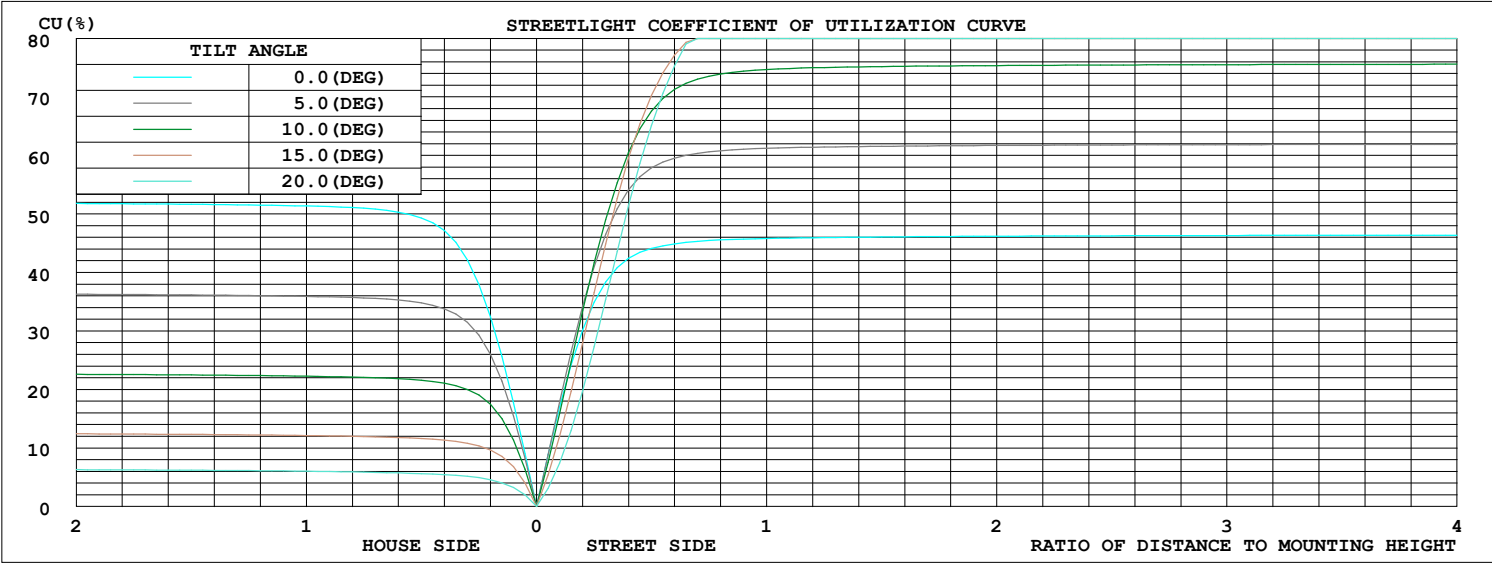
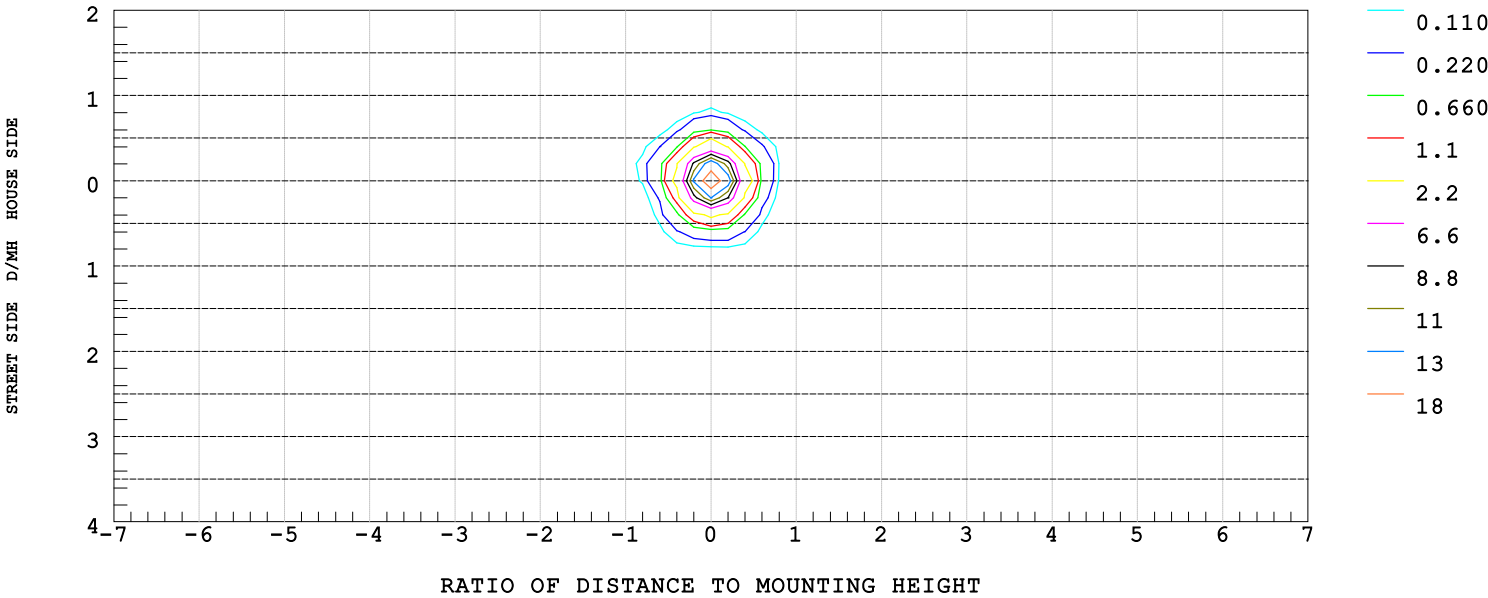
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 22.08 lx



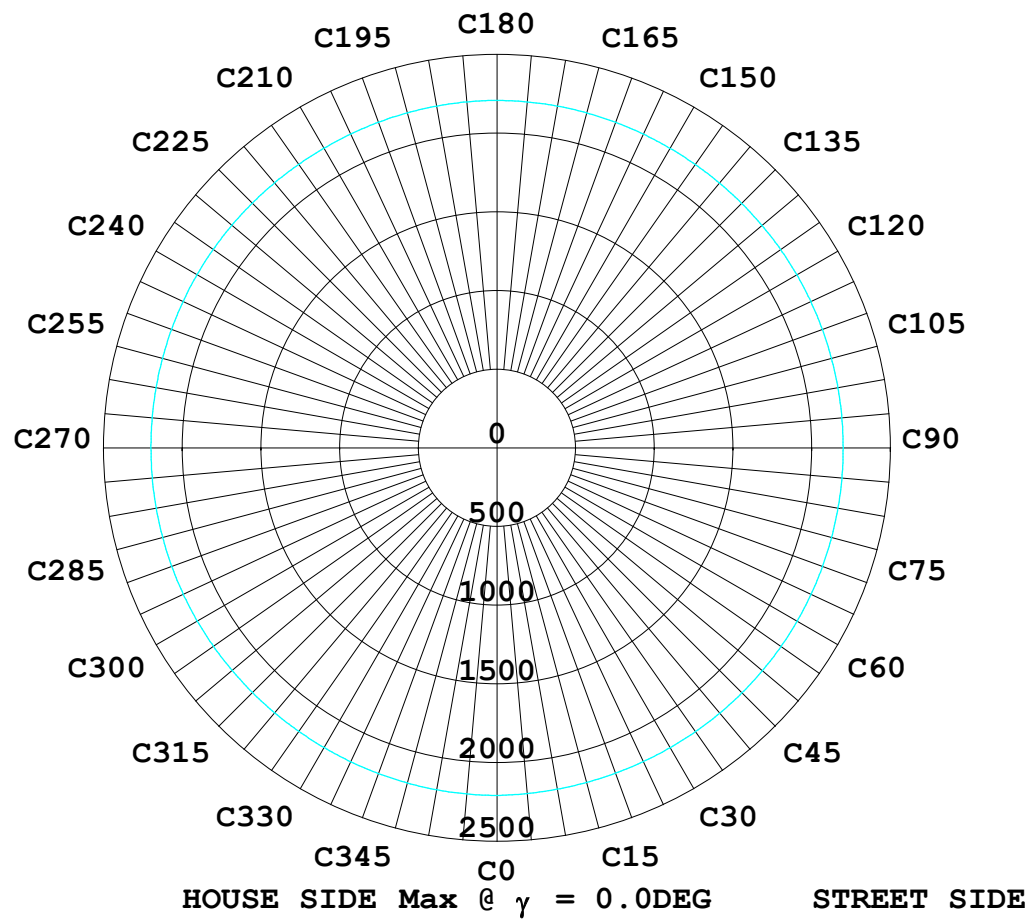
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2208	2200	2202	2199	2200	2199	2208	2200	2202	2199	2200	2199
5.0	2010	1968	1996	2000	2051	2042	2085	2079	2046	2064	2055	2068
10.0	1553	1483	1522	1521	1600	1597	1687	1715	1684	1707	1662	1663
15.0	1019	942	989	987	1080	1081	1176	1218	1172	1202	1139	1138
20.0	486	427	467	461	537	522	605	647	602	635	577	584
25.0	185	148	176	161	205	184	219	217	220	220	212	219
30.0	83.4	61.4	79.1	66.5	90.0	74.1	85.1	106	86.0	106	83.5	97.3
35.0	43.4	28.4	41.2	30.9	45.5	32.4	38.8	52.5	37.9	51.5	37.2	49.6
40.0	21.6	10.9	20.3	11.8	21.7	11.4	14.8	24.3	13.6	23.0	12.9	23.5
45.0	12.6	4.21	11.4	4.21	11.7	3.96	6.07	13.0	5.10	12.1	4.61	12.5
50.0	9.63	3.24	8.74	2.83	8.74	2.67	4.21	9.15	2.67	8.99	2.75	9.15
55.0	8.18	2.67	7.12	2.18	7.20	2.10	3.80	7.61	2.18	7.37	2.26	7.45
60.0	6.96	2.10	6.07	1.86	6.07	1.70	3.40	6.39	1.86	6.31	1.94	6.23
65.0	5.67	1.70	5.10	1.45	5.10	1.37	2.99	5.34	1.45	5.26	1.45	5.18
70.0	5.02	1.62	4.45	1.29	4.45	1.21	2.91	4.61	1.29	4.45	1.29	4.53
75.0	4.45	1.45	3.96	1.21	3.96	1.13	2.83	4.13	1.13	3.96	1.21	3.96
80.0	3.96	1.45	3.48	1.13	3.48	1.05	2.83	3.64	1.13	3.56	1.05	3.56
85.0	3.64	1.37	3.15	1.05	3.24	1.05	2.99	3.24	1.05	3.15	0.97	3.07
90.0	3.32	1.78	2.83	1.37	2.83	1.37	3.80	2.83	1.37	2.67	1.29	2.75

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K