

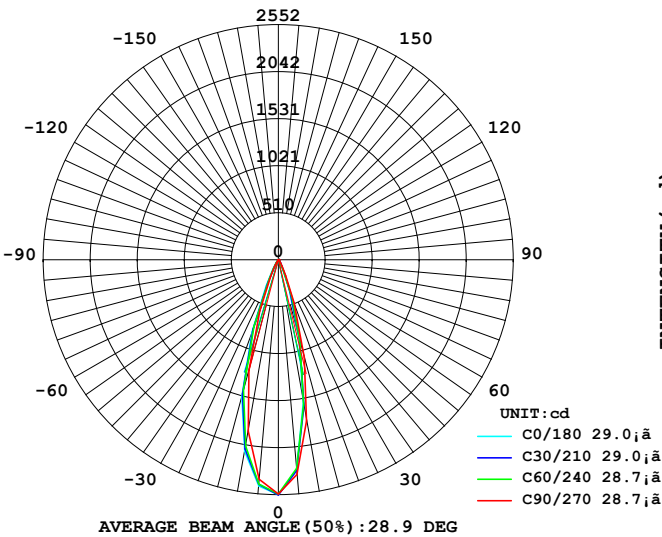
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

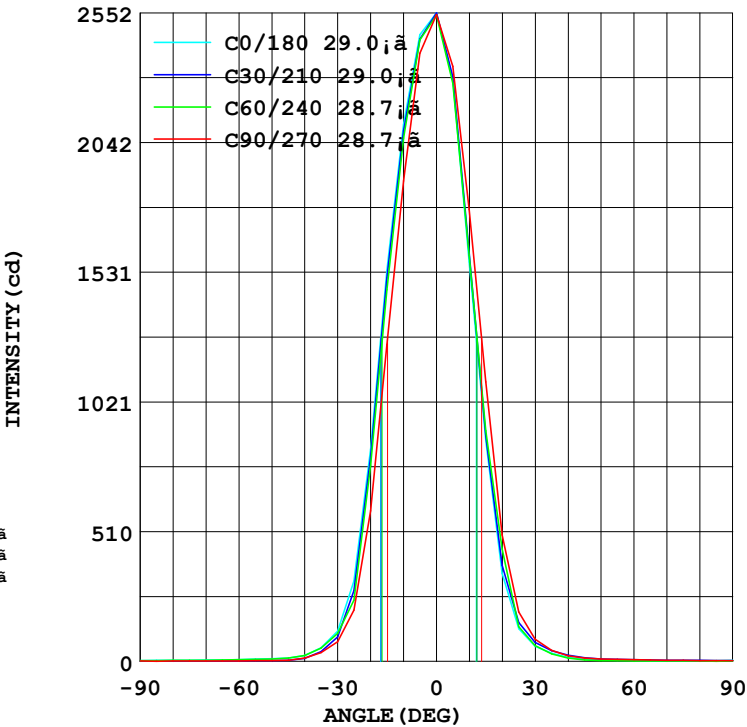
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2552	S/MH (C0/180)	0.53
MODEL	ELLIS 55	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.48
NOMINAL POWER (W)	9	TOTAL FLUX (lm)	704.97	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	80.8	Current (A)	0.040
NOMINAL FLUX (lm)	705.0	η up (%)	0.0	Power (W)	8.730
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.982
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	612.7	EEI	0.169

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:9.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

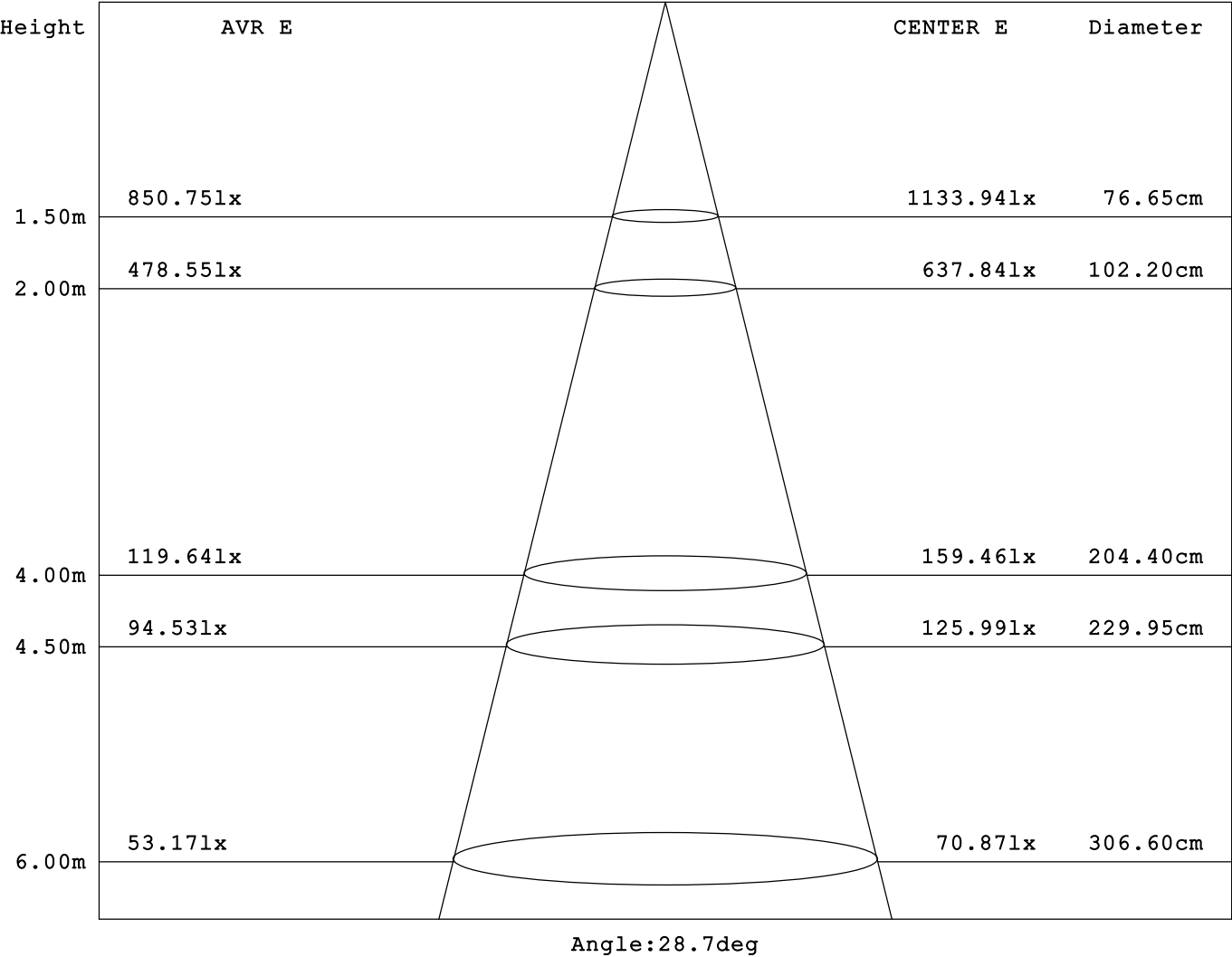
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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: ELLIS 55	TYPE: 4000K 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:9.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 55	TYPE: 4000K 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	2114	2073	1891	1674	1572	1604	1779	1976	0- 10	208.9	208.9
20.0	833.6	787.8	593.0	470.6	346.2	410.3	498.1	687.8	10- 20	325.1	534.0
30.0	118.4	103.5	76.89	69.94	60.10	68.68	87.36	98.46	20- 30	119.7	653.8
40.0	23.28	17.95	12.90	17.10	15.25	18.63	22.11	17.37	30- 40	28.12	681.9
50.0	10.55	6.407	3.068	6.498	5.324	6.543	9.386	6.137	40- 50	8.278	690.2
60.0	7.310	4.467	2.075	4.377	3.971	4.422	6.498	4.241	50- 60	4.963	695.2
70.0	5.505	3.294	1.444	3.023	3.158	3.113	4.602	3.023	60- 70	3.825	699.0
80.0	4.422	2.617	1.263	2.481	3.158	2.527	3.700	2.436	70- 80	3.158	702.1
90.0	3.610	2.436	1.534	2.211	4.061	2.166	2.797	2.120	80- 90	2.779	704.9
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:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 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	456	135
80	255	73
75	188	52
70	161	42
65	147	38
60	146	42
55	154	46
50	164	48
45	185	68

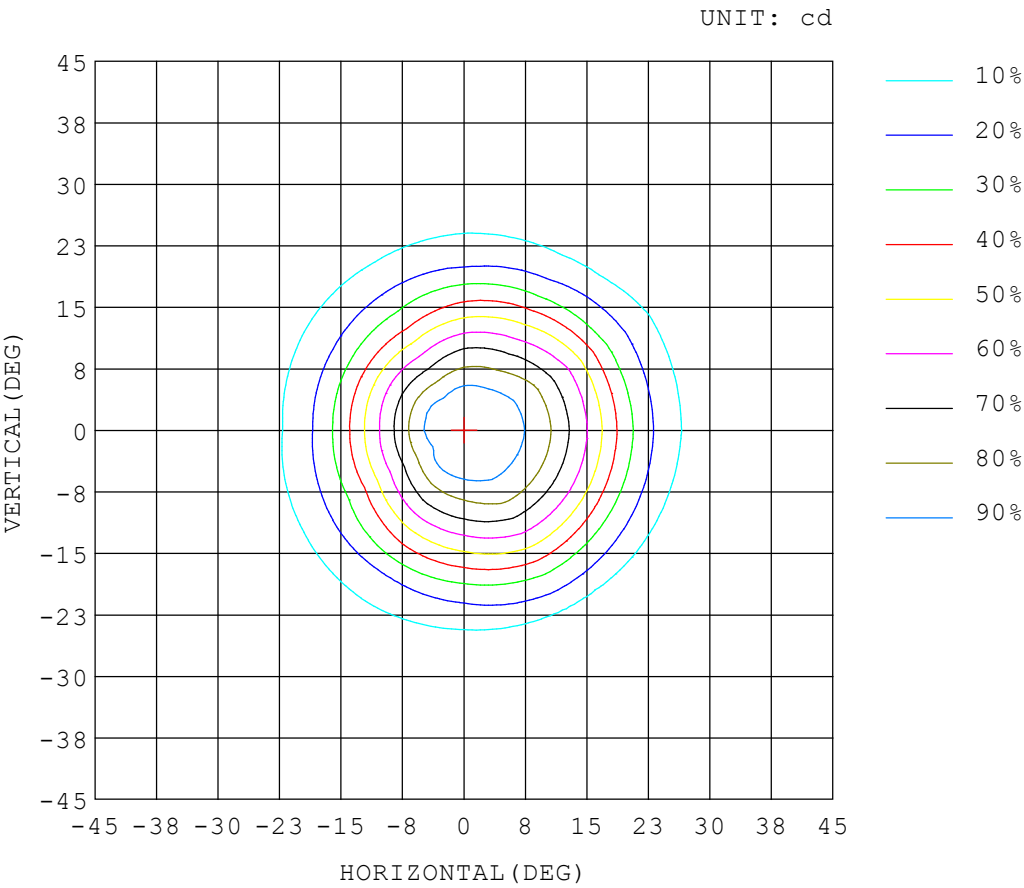
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



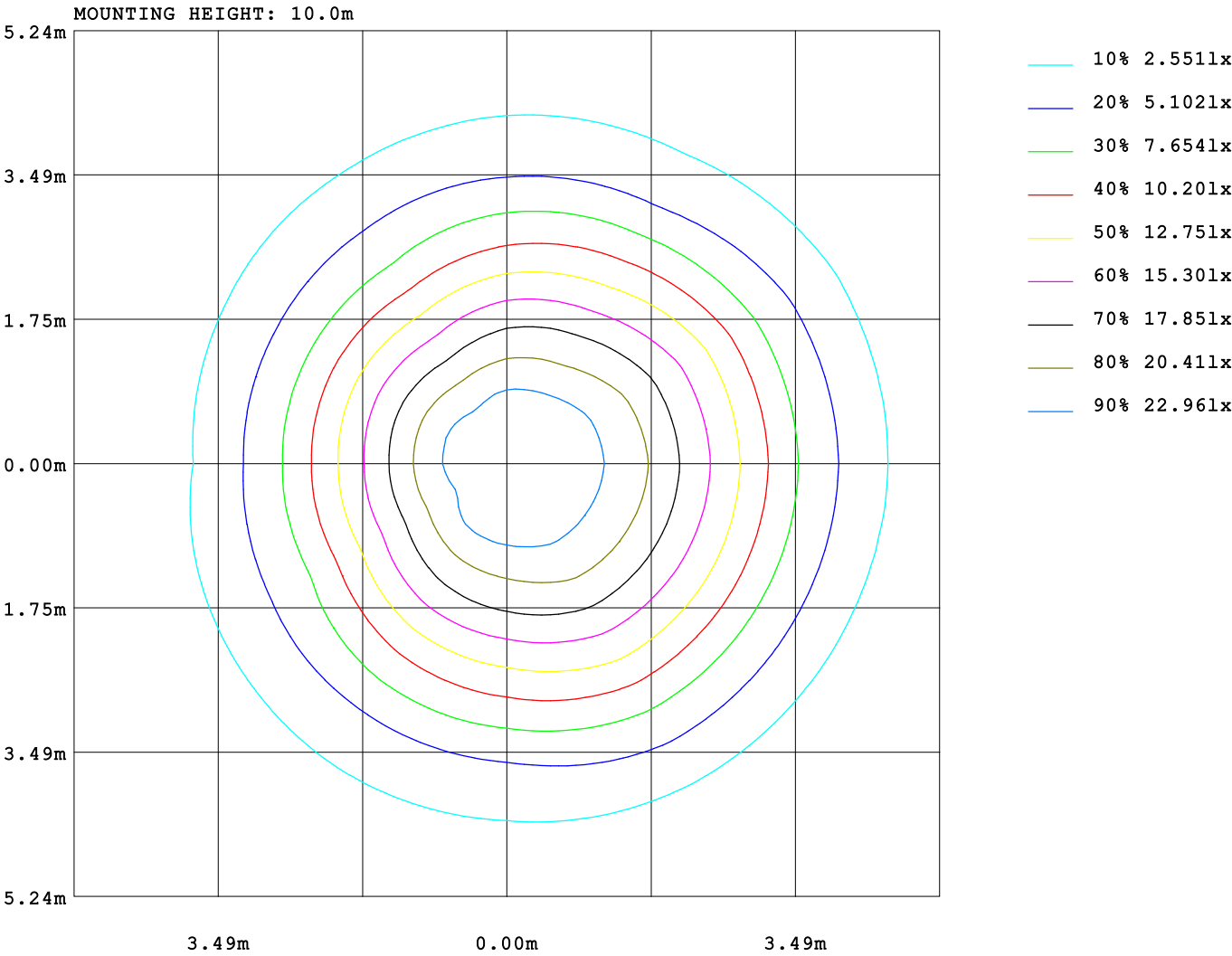
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K 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:9.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: ELLIS 55

TYPE: 4000K 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
	0.04	0.04	0.04	0.04	0.04	0.05	0.08	0.10	0.13	0.12	0.10	0.07	0.04	0.03	0.03	0.04	0.04	0.04	1.05	0.00			
45	0.04	0.05	0.05	0.06	0.07	0.10	0.14	0.19	0.23	0.23	0.19	0.14	0.09	0.06	0.05	0.05	0.04	0.04	1.84	0.00			
40	0.05	0.06	0.08	0.11	0.14	0.19	0.28	0.38	0.47	0.48	0.41	0.30	0.20	0.14	0.10	0.07	0.06	0.05	3.54	0.00			
35	0.06	0.09	0.12	0.18	0.26	0.36	0.52	0.77	0.99	1.05	0.91	0.66	0.46	0.30	0.19	0.12	0.08	0.06	7.16	0.00			
30	0.06	0.11	0.18	0.28	0.43	0.68	1.07	1.83	2.46	2.63	2.26	1.56	1.04	0.61	0.35	0.19	0.10	0.06	15.9	7.62			
25	0.07	0.12	0.23	0.41	0.71	1.31	2.60	4.20	5.62	6.11	5.32	3.87	2.31	1.21	0.59	0.28	0.13	0.07	35.2	29.6			
20	0.07	0.14	0.27	0.52	1.06	2.36	4.74	7.45	10.0	10.9	9.91	7.55	4.57	2.13	0.89	0.39	0.17	0.09	63.4	58.9			
15	0.07	0.15	0.30	0.61	1.44	3.49	7.14	11.3	14.6	15.5	14.2	11.2	6.86	3.16	1.21	0.49	0.21	0.10	92.3	88.4			
	0.07	0.15	0.30	0.65	1.66	4.30	8.82	14.1	17.8	18.5	16.8	13.1	8.31	3.89	1.43	0.54	0.23	0.10	111	107			
	0.06	0.14	0.29	0.62	1.68	4.35	8.77	13.9	17.9	18.7	16.8	13.2	8.33	3.88	1.40	0.53	0.22	0.10	111	107			
	0.06	0.12	0.26	0.55	1.44	3.71	7.21	11.8	15.4	16.4	14.9	11.4	6.93	3.09	1.14	0.45	0.18	0.08	95.4	91.7			
-15	0.05	0.10	0.21	0.42	0.96	2.63	5.28	8.64	11.2	12.1	11.2	8.29	4.74	1.98	0.78	0.33	0.14	0.06	69.3	65.2			
-20	0.04	0.07	0.16	0.30	0.64	1.44	3.01	4.90	6.52	7.18	6.58	4.68	2.42	1.13	0.49	0.22	0.09	0.05	39.9	35.2			
-25	0.03	0.05	0.11	0.22	0.42	0.79	1.39	2.18	2.83	3.09	2.72	1.85	1.15	0.62	0.30	0.13	0.05	0.03	18.0	10.3			
-30	0.02	0.04	0.08	0.15	0.28	0.45	0.67	0.88	1.03	1.08	1.02	0.85	0.60	0.36	0.18	0.08	0.03	0.02	7.82	0.00			
-35	0.02	0.03	0.06	0.10	0.17	0.27	0.34	0.40	0.42	0.45	0.45	0.41	0.32	0.20	0.10	0.05	0.03	0.02	3.84	0.00			
-40	0.02	0.03	0.05	0.07	0.11	0.15	0.17	0.19	0.19	0.19	0.20	0.19	0.16	0.11	0.07	0.04	0.03	0.02	1.97	0.00			
-45	0.02	0.03	0.04	0.06	0.08	0.09	0.09	0.08	0.07	0.08	0.09	0.09	0.09	0.08	0.06	0.04	0.03	0.02	1.11	0.00			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45			
Φ t	0.85	1.51	2.81	5.35	11.5	26.7	52.3	83.5	108	115	104	79.6	48.6	23.0	9.37	4.02	1.86	1.00	705				
Φ a	0.00	0.00	0.00	0.00	2.88	21.1	47.7	79.2	104	111	99.9	75.0	43.4	16.8	1.14	0.00	0.00	0.00		613			

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

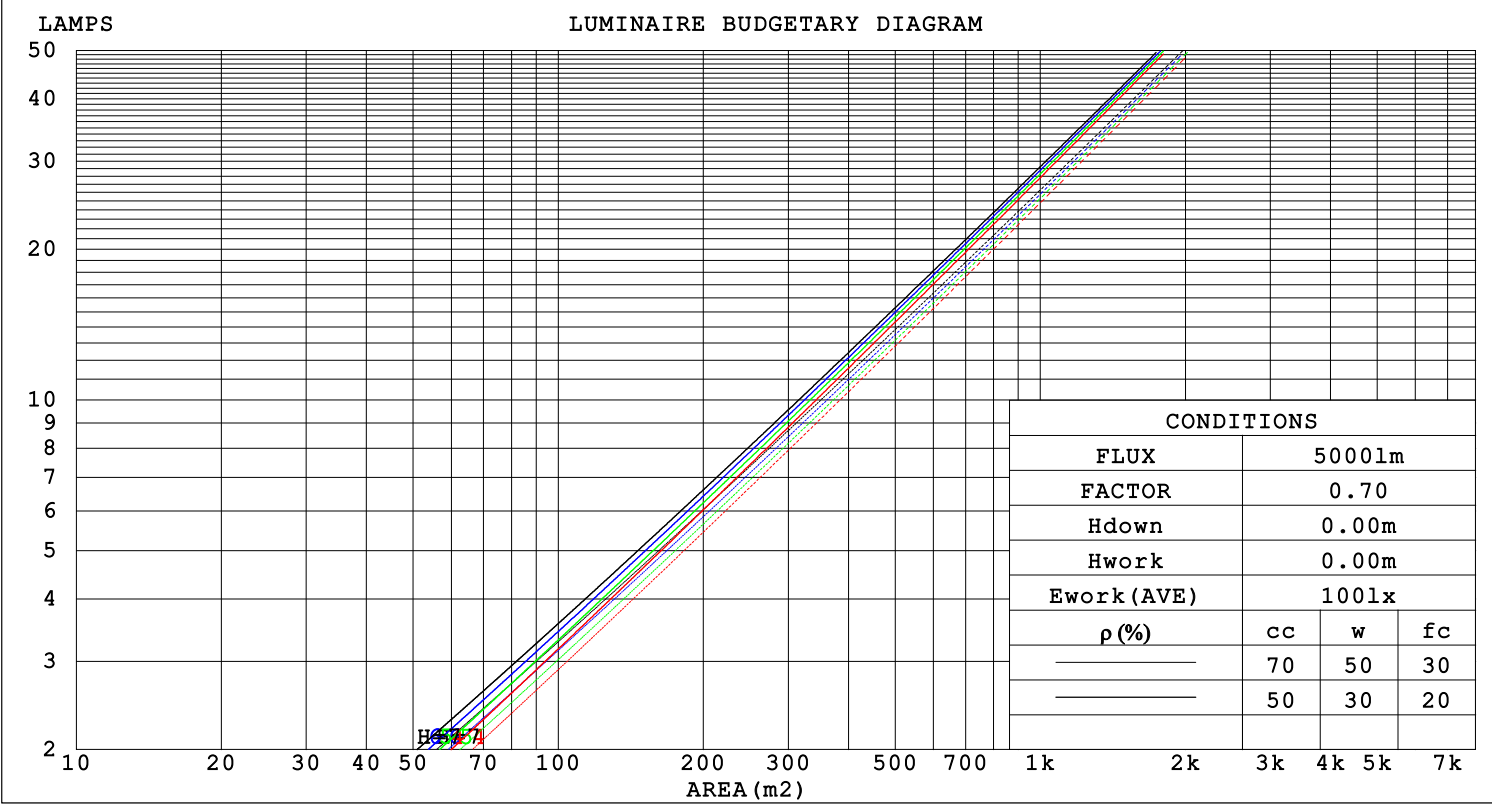
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 55								TYPE: 4000K 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
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	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.06	1.03	1.01	1.05	1.02	.99	1.02	.99	.97	.99	.97	.95	.96	.95	.93	.92
3.0	1.02	.98	.95	1.00	.97	.94	.98	.95	.92	.95	.93	.91	.93	.91	.90	.88
4.0	.97	.93	.90	.96	.92	.89	.94	.91	.88	.92	.89	.87	.91	.88	.86	.85
5.0	.93	.89	.86	.92	.88	.85	.91	.87	.85	.89	.86	.84	.88	.85	.83	.82
6.0	.90	.85	.82	.89	.85	.82	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
7.0	.87	.82	.79	.86	.82	.79	.85	.81	.78	.84	.81	.78	.83	.80	.78	.77
8.0	.84	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.77	.74	.81	.76	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
10.0	.78	.74	.71	.78	.74	.71	.77	.74	.71	.77	.73	.71	.76	.73	.71	.70



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:9.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 55								TYPE: 4000K 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	.150	.085	.027	.143	.082	.026	.131	.075	.024	.119	.069	.022	.109	.063	.020															
2.0	.138	.075	.023	.132	.073	.022	.122	.068	.021	.112	.063	.020	.104	.059	.018															
3.0	.128	.068	.020	.123	.066	.020	.115	.062	.019	.107	.058	.018	.099	.055	.017															
4.0	.120	.062	.018	.116	.061	.018	.108	.057	.017	.102	.055	.016	.095	.052	.016															
5.0	.112	.057	.017	.109	.056	.016	.103	.054	.016	.097	.051	.015	.092	.049	.015															
6.0	.106	.053	.015	.103	.052	.015	.098	.050	.015	.093	.048	.014	.088	.046	.014															
7.0	.101	.050	.014	.098	.049	.014	.094	.047	.014	.089	.046	.013	.085	.044	.013															
8.0	.096	.047	.013	.094	.046	.013	.090	.045	.013	.086	.044	.013	.082	.042	.012															
9.0	.092	.044	.012	.090	.044	.012	.086	.043	.012	.083	.041	.012	.080	.040	.012															
10.0	.088	.042	.012	.086	.042	.012	.083	.041	.011	.080	.040	.011	.077	.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	.127	.099	.093	.088	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.117	.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	.078	.107	.085	.067	.074	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.115	.086	.065	.098	.074	.056	.068	.052	.040	.039	.030	.024	.013	.010	.008	
6.0	.106	.076	.055	.091	.066	.048	.063	.046	.034	.036	.027	.020	.012	.009	.007	
7.0	.098	.068	.047	.085	.059	.041	.059	.041	.029	.034	.024	.017	.011	.008	.006	
8.0	.092	.061	.040	.079	.053	.035	.055	.037	.025	.032	.022	.015	.010	.007	.005	
9.0	.086	.056	.035	.074	.048	.030	.052	.034	.022	.030	.020	.013	.010	.007	.004	
10.0	.082	.051	.031	.070	.044	.027	.049	.031	.019	.028	.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:9.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 55					TYPE: 4000K 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		-3.4	-2.7	-3.2	-2.6	-2.4	-3.5	-2.8	-3.3	-2.6	-2.5
	3H	-2.0	-1.4	-1.8	-1.2	-1.0	-2.8	-2.2	-2.6	-2.0	-1.8
	4H	-1.0	-0.4	-0.7	-0.1	0.1	-2.4	-1.8	-2.2	-1.6	-1.4
	6H	0.4	1.0	0.7	1.3	1.5	-2.0	-1.4	-1.7	-1.2	-0.9
	8H	1.3	1.9	1.6	2.1	2.4	-1.8	-1.2	-1.5	-1.0	-0.7
	12H	2.3	2.9	2.6	3.1	3.4	-1.4	-0.9	-1.1	-0.6	-0.3
4H	2H	-3.2	-2.6	-2.9	-2.4	-2.2	-3.2	-2.5	-2.9	-2.3	-2.1
	3H	-1.8	-1.3	-1.5	-1.0	-0.7	-1.8	-1.3	-1.5	-1.0	-0.7
	4H	-0.7	-0.2	-0.3	0.1	0.4	-1.0	-0.5	-0.7	-0.2	0.1
	6H	1.0	1.4	1.3	1.7	2.1	-0.2	0.2	0.2	0.6	0.9
	8H	2.0	2.4	2.4	2.7	3.1	0.2	0.6	0.5	0.9	1.3
	12H	3.3	3.6	3.7	4.0	4.4	0.7	1.0	1.1	1.4	1.8
8H	4H	-0.4	0.1	0.0	0.4	0.8	-0.6	-0.2	-0.2	0.2	0.5
	6H	1.3	1.6	1.7	2.0	2.4	0.9	1.2	1.3	1.6	2.0
	8H	2.3	2.7	2.8	3.1	3.5	1.7	2.0	2.1	2.4	2.9
	12H	3.8	4.1	4.3	4.5	5.0	2.5	2.8	3.0	3.2	3.7
12H	4H	-0.2	0.2	0.2	0.6	0.9	-0.6	-0.2	-0.2	0.2	0.6
	6H	1.5	1.8	1.9	2.2	2.6	1.1	1.4	1.5	1.8	2.2
	8H	2.5	2.8	3.0	3.3	3.7	2.1	2.4	2.6	2.8	3.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.6 / - 0.3					+ 0.3 / - 0.3				
1.5H		+ 1.1 / - 0.5					+ 0.6 / - 0.5				
2.0H		+ 0.8 / - 0.5					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 704.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.2)

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:9.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 55	TYPE: 4000K 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	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	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	106	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		

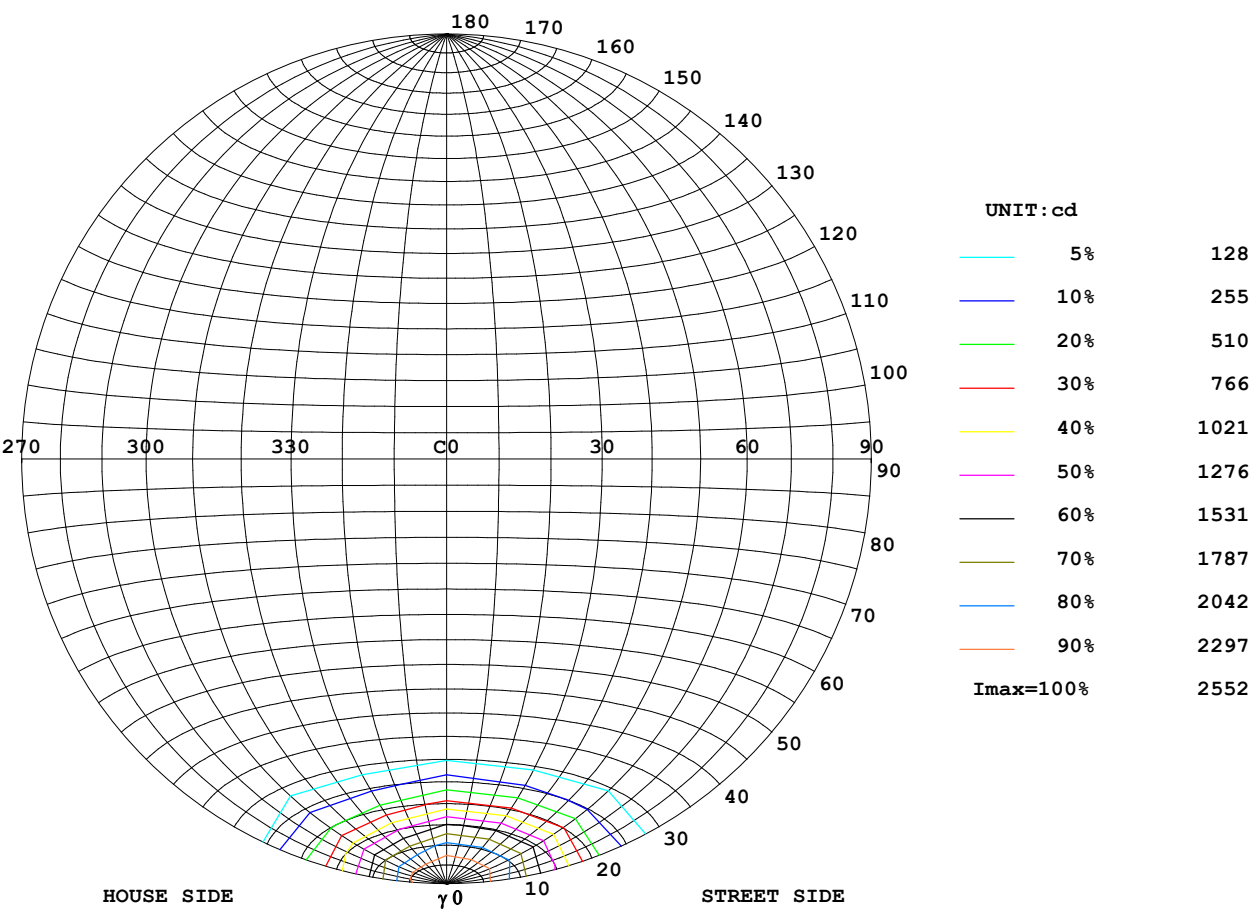
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-21-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K 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

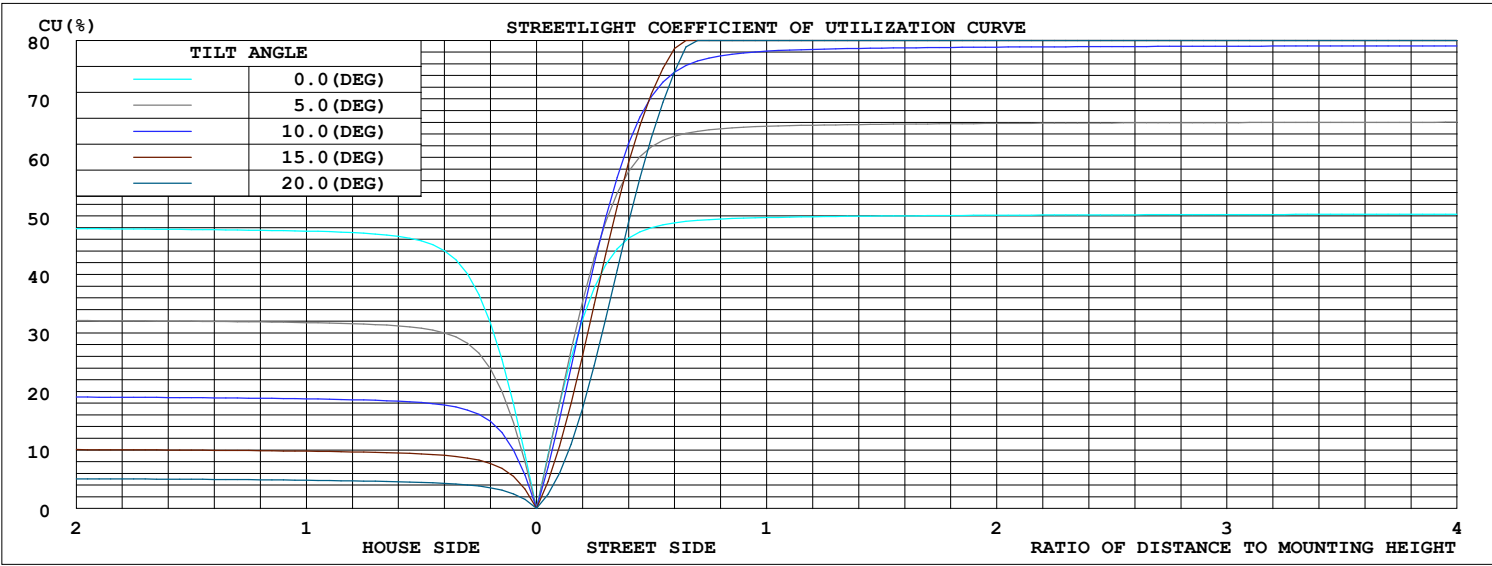
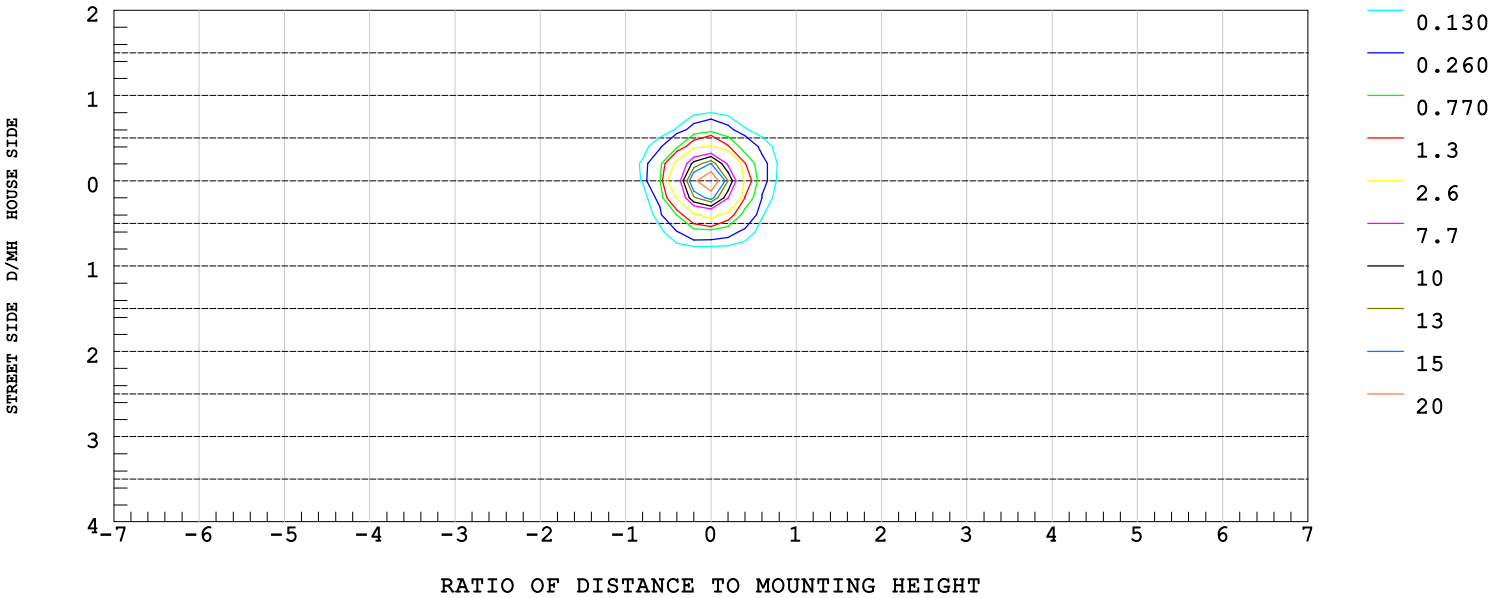
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 25.51 lx



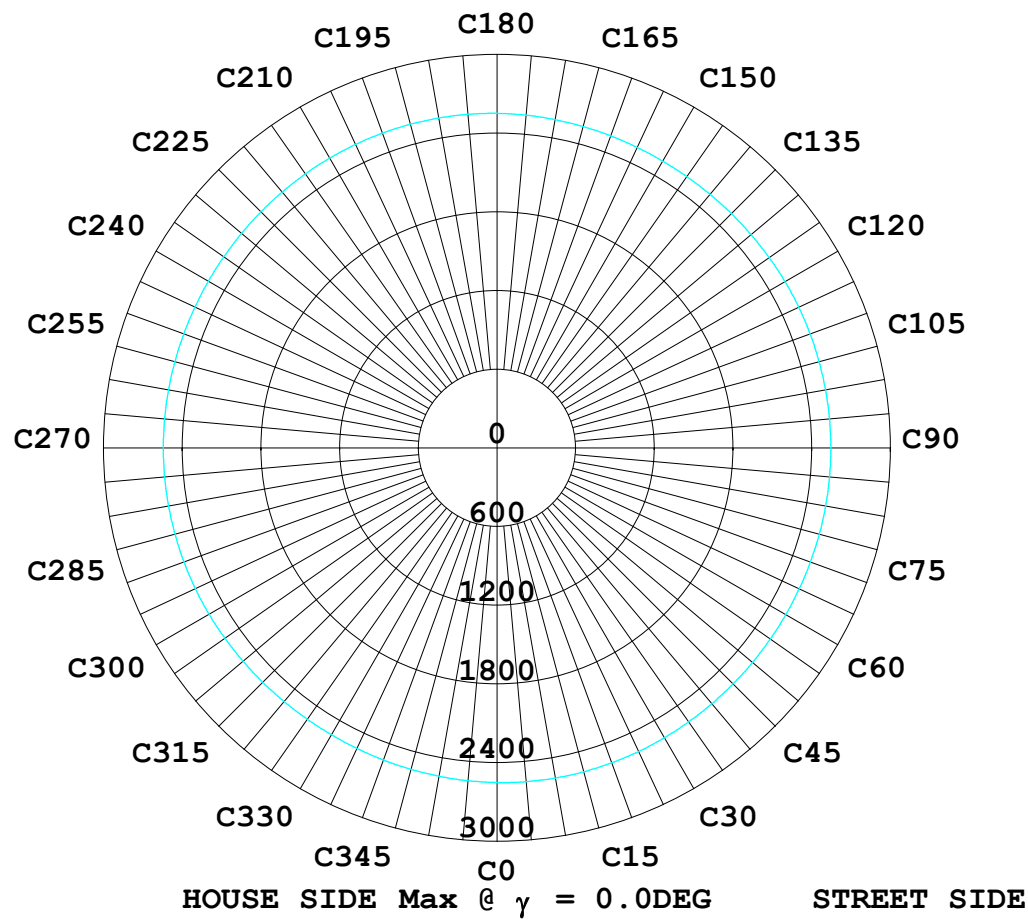
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K 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:9.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 4000K 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	2551	2552	2542	2545	2536	2526	2551	2552	2542	2545	2536	2526
5.0	2466	2448	2445	2393	2351	2256	2288	2299	2274	2342	2379	2458
10.0	2114	2087	2059	1891	1772	1576	1572	1609	1599	1779	1881	2071
15.0	1539	1509	1463	1247	1099	879	871	888	907	1100	1252	1501
20.0	834	804	772	593	503	439	346	378	443	498	588	788
25.0	316	279	241	202	189	129	129	153	137	194	205	309
30.0	118	96.3	111	76.8	83.2	56.6	60.1	75.5	61.8	87.3	80.2	117
35.0	53.3	38.5	52.6	34.1	43.7	28.0	31.6	42.5	29.4	42.9	31.3	51.5
40.0	23.2	12.0	23.8	12.9	22.2	12.0	15.2	24.0	13.2	22.1	11.5	23.1
45.0	13.0	4.15	12.6	4.78	12.9	5.68	8.21	14.3	6.13	13.1	4.24	12.4
50.0	10.5	3.06	9.74	3.06	9.56	3.42	5.32	9.83	3.24	9.38	2.79	9.47
55.0	8.84	2.61	8.12	2.61	7.85	2.61	4.60	8.12	2.61	7.76	2.25	7.94
60.0	7.31	2.16	6.76	2.07	6.58	2.16	3.97	6.76	2.07	6.49	1.89	6.58
65.0	6.22	1.80	5.77	1.62	5.50	1.62	3.24	5.59	1.62	5.41	1.44	5.50
70.0	5.50	1.62	4.96	1.44	4.69	1.35	3.15	4.87	1.35	4.60	1.26	4.78
75.0	4.87	1.53	4.33	1.35	4.15	1.17	3.06	4.24	1.26	4.15	1.17	4.24
80.0	4.42	1.44	3.79	1.26	3.79	1.17	3.15	3.79	1.26	3.70	1.08	3.79
85.0	3.97	1.44	3.51	1.17	3.33	1.08	3.24	3.33	1.17	3.33	0.99	3.24
90.0	3.61	1.80	3.06	1.53	2.97	1.44	4.06	2.97	1.35	2.79	1.35	2.88

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%
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