

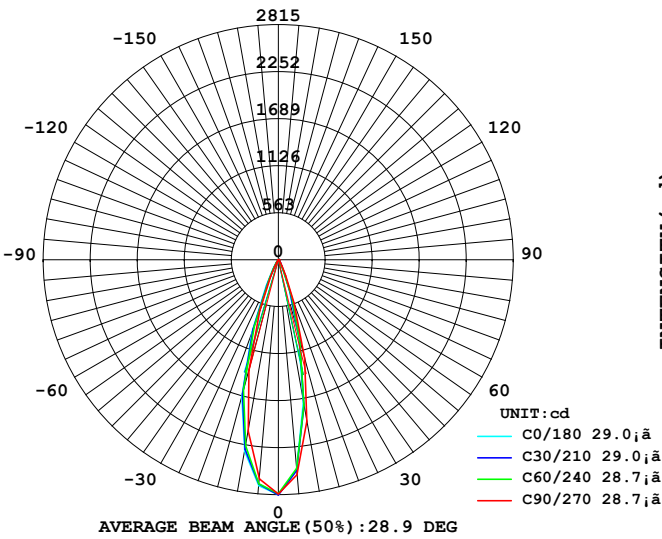
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

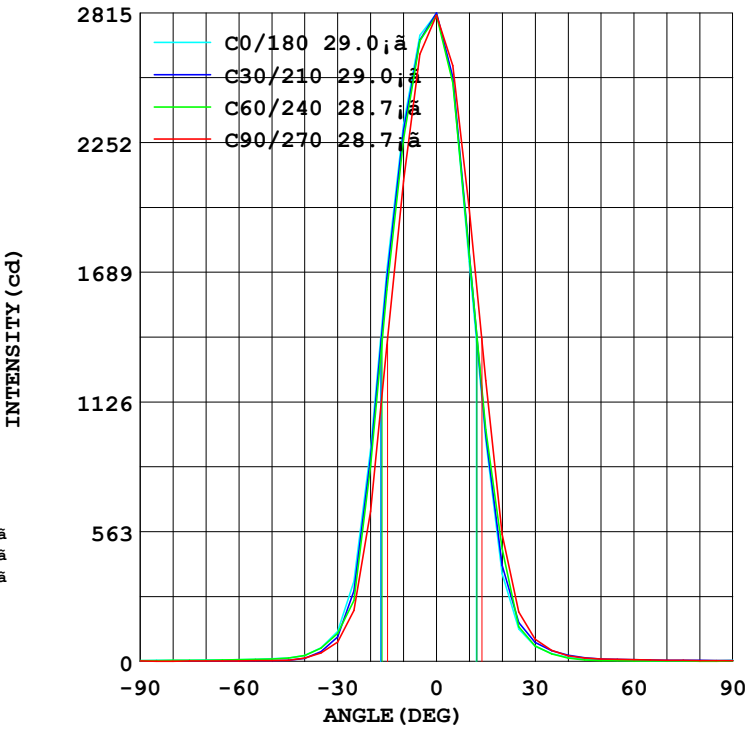
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2815	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)	777.69	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	88.4	Current (A)	0.040
NOMINAL FLUX (lm)	777.7	η up (%)	0.0	Power (W)	8.800
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.983
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	676.1	EEI	0.157

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:10.000 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

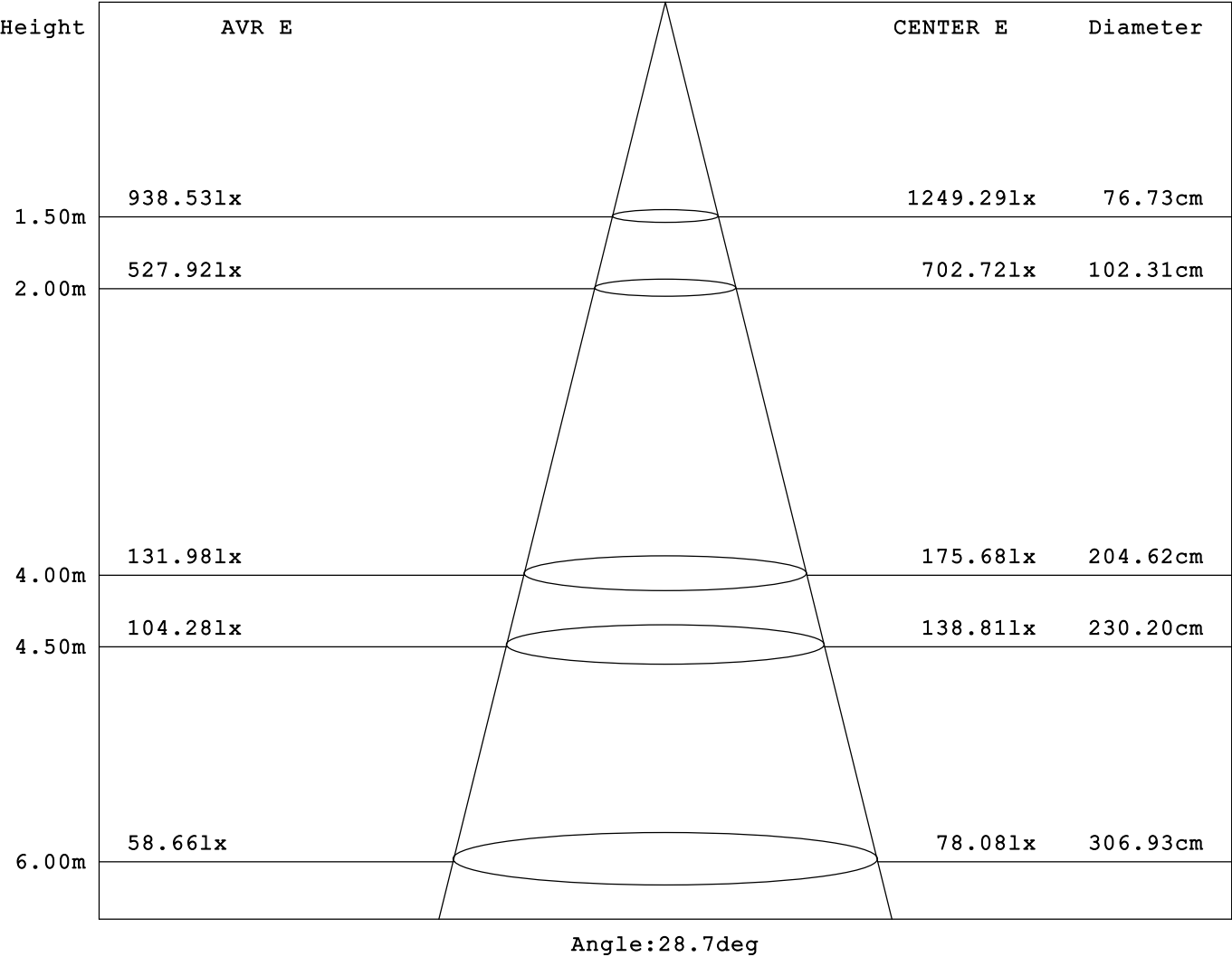
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

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: 5700K 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:10.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K 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	2331	2285	2084	1849	1735	1773	1967	2184	0- 10	230.4	230.4
20.0	920.4	867.4	651.7	518.2	381.2	453.2	551.5	761.6	10- 20	358.9	589.4
30.0	130.3	113.5	84.19	76.69	65.90	75.44	96.10	108.6	20- 30	131.9	721.4
40.0	25.60	19.75	14.10	18.79	16.79	20.54	24.29	19.20	30- 40	30.91	752.3
50.0	11.50	7.000	3.400	7.200	5.900	7.150	10.20	6.900	40- 50	9.134	761.4
60.0	8.200	4.950	2.300	4.850	4.500	4.850	7.200	4.700	50- 60	5.476	766.9
70.0	6.100	3.650	1.600	3.400	3.500	3.400	5.200	3.300	60- 70	4.240	771.1
80.0	4.700	2.900	1.300	2.650	3.500	2.750	4.100	2.700	70- 80	3.473	774.6
90.0	4.000	2.700	1.700	2.400	4.500	2.350	3.100	2.350	80- 90	3.052	777.6
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

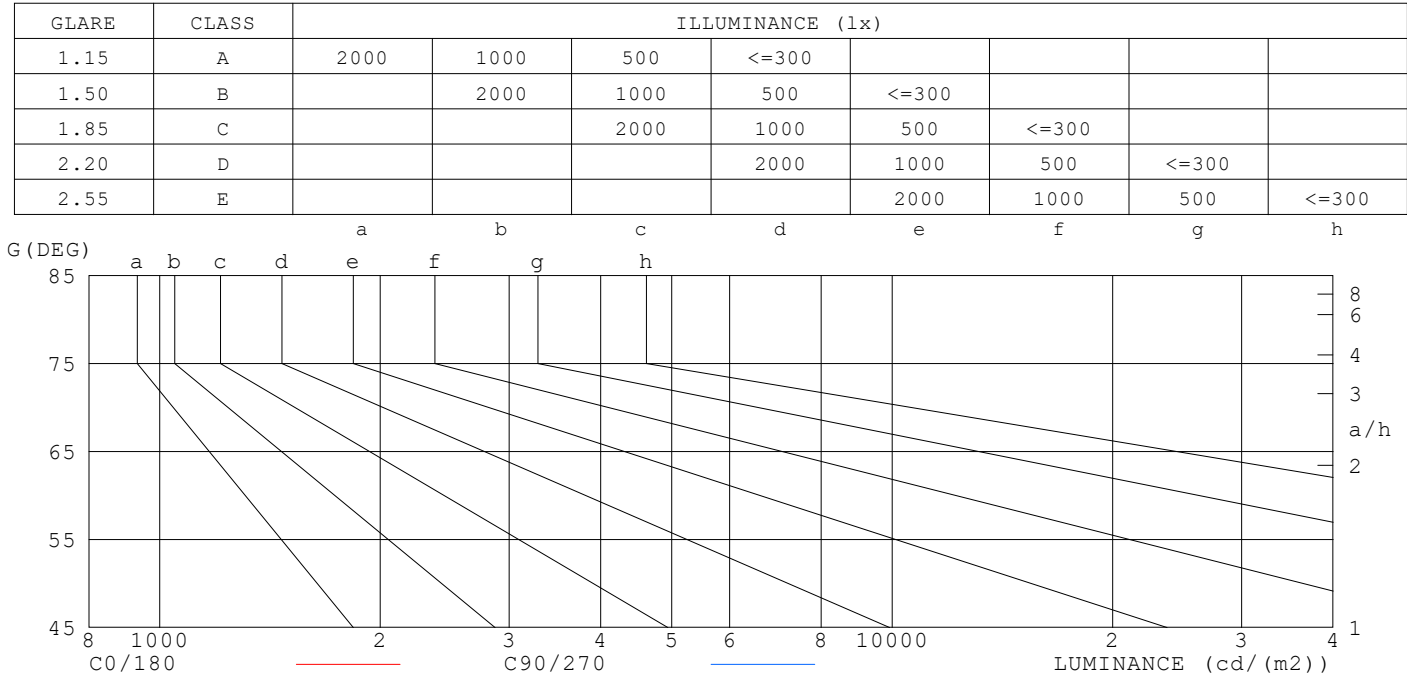
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K 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	505	149
80	271	75
75	205	54
70	178	47
65	163	43
60	164	46
55	169	51
50	179	53
45	205	75

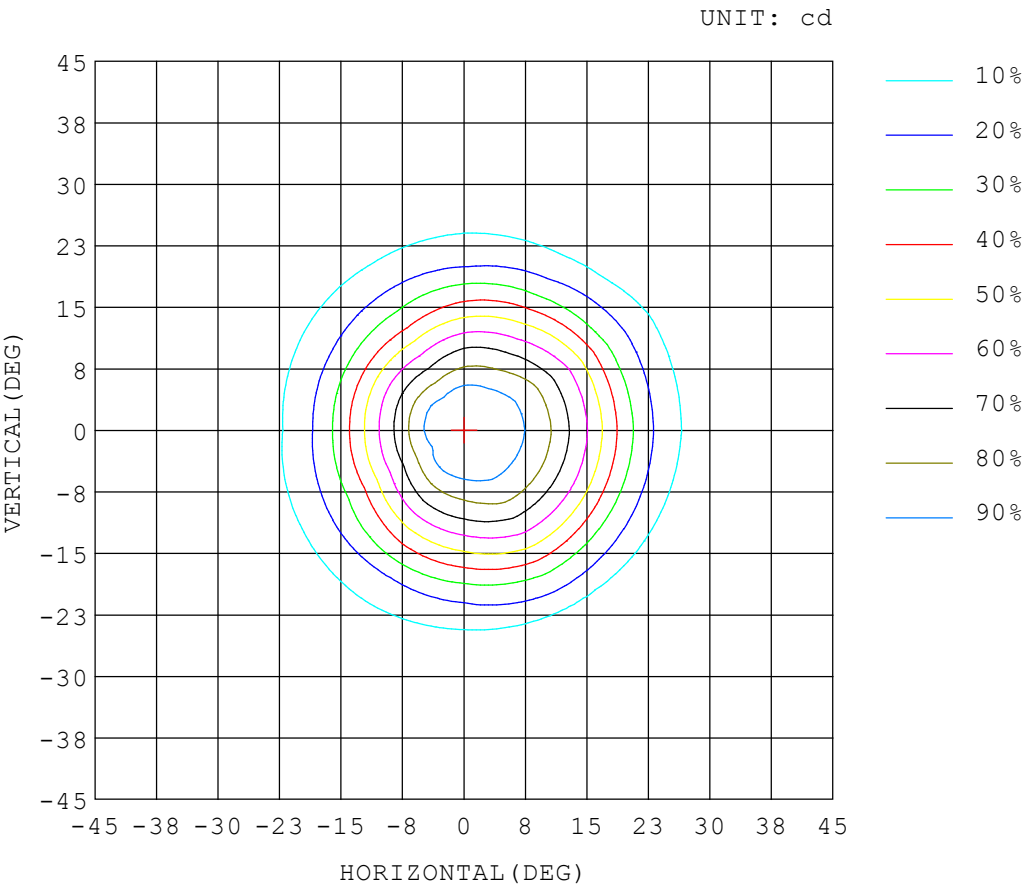
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:



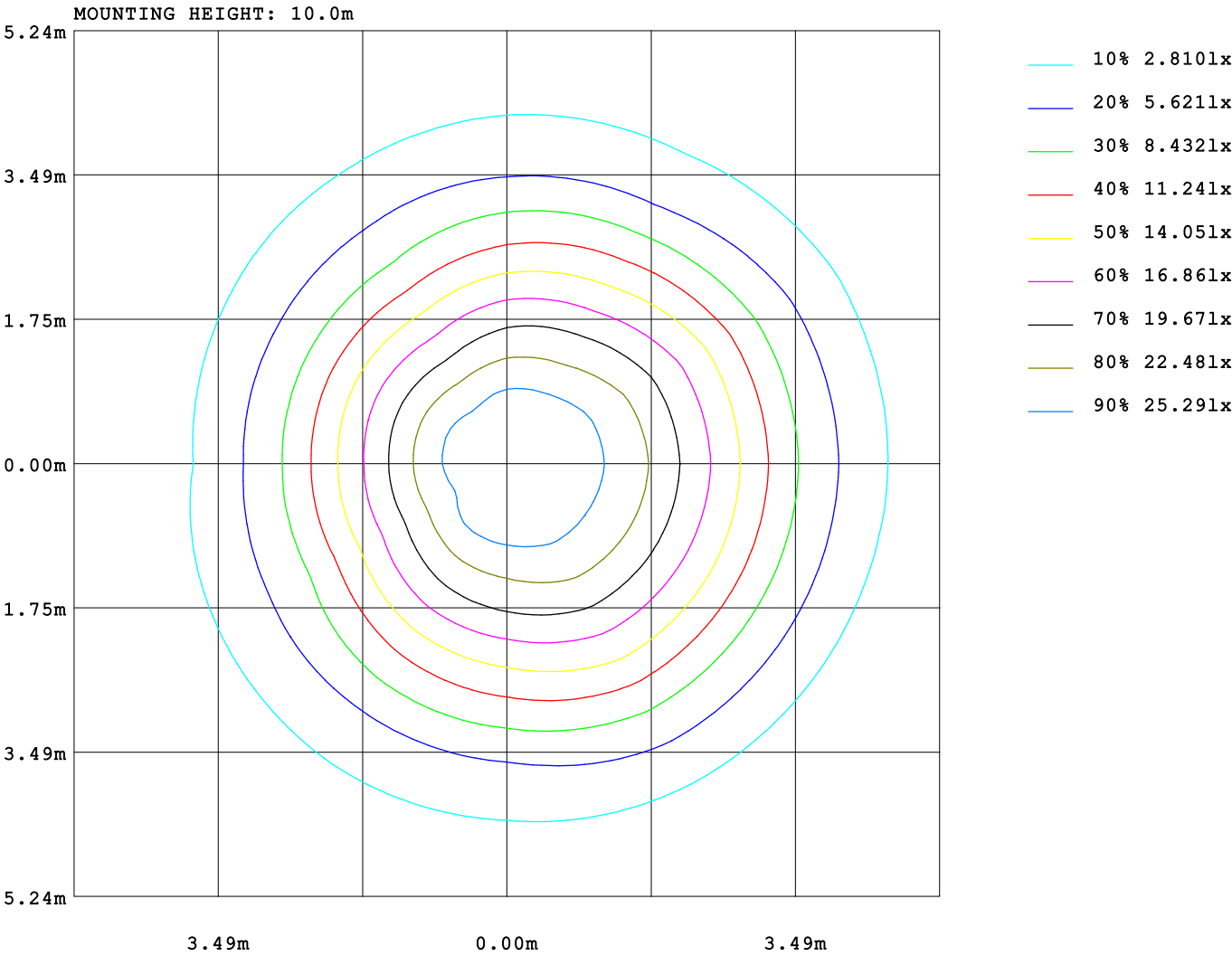
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K 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:10.000 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: ELLIS 55										TYPE: 5700K 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	0.06	0.09	0.12	0.14	0.14	0.11	0.08	0.05	0.03	0.04	0.04	0.04	0.04	1.16	0.00				
45																								
40	0.05	0.05	0.06	0.07	0.08	0.11	0.16	0.21	0.26	0.26	0.21	0.15	0.09	0.07	0.06	0.05	0.05	0.05	2.03	0.00				
35	0.06	0.07	0.09	0.12	0.16	0.21	0.30	0.42	0.51	0.53	0.45	0.33	0.22	0.16	0.11	0.08	0.06	0.06	3.90	0.00				
30	0.06	0.09	0.14	0.20	0.28	0.39	0.58	0.85	1.09	1.15	1.00	0.73	0.50	0.33	0.21	0.13	0.08	0.06	7.90	0.00				
25	0.07	0.12	0.20	0.31	0.47	0.74	1.18	2.02	2.72	2.91	2.49	1.72	1.15	0.67	0.38	0.21	0.11	0.07	17.5	8.43				
20	0.07	0.14	0.25	0.45	0.78	1.45	2.87	4.65	6.22	6.77	5.90	4.28	2.55	1.34	0.65	0.31	0.15	0.08	38.9	32.8				
15	0.08	0.15	0.30	0.57	1.16	2.61	5.25	8.25	11.1	12.1	10.9	8.35	5.06	2.36	0.98	0.43	0.19	0.09	70.1	65.2				
	0.08	0.16	0.33	0.67	1.58	3.86	7.90	12.5	16.1	17.2	15.7	12.4	7.59	3.49	1.34	0.53	0.23	0.11	102	97.7				
	0.08	0.16	0.33	0.71	1.82	4.74	9.74	15.5	19.6	20.4	18.5	14.5	9.18	4.29	1.57	0.60	0.25	0.11	122	118				
	0.07	0.15	0.32	0.69	1.85	4.80	9.68	15.4	19.7	20.6	18.6	14.5	9.19	4.28	1.54	0.58	0.24	0.11	123	118				
	0.06	0.14	0.28	0.60	1.59	4.09	7.96	13.1	17.0	18.1	16.4	12.6	7.64	3.41	1.25	0.49	0.20	0.09	105	101				
-15	0.05	0.11	0.23	0.46	1.05	2.90	5.82	9.52	12.3	13.4	12.4	9.14	5.22	2.17	0.86	0.37	0.15	0.07	76.3	71.9				
-20	0.04	0.08	0.17	0.33	0.70	1.59	3.31	5.40	7.18	7.90	7.24	5.15	2.66	1.24	0.53	0.24	0.10	0.05	43.9	38.7				
-25	0.03	0.06	0.12	0.24	0.46	0.87	1.53	2.39	3.11	3.39	2.99	2.04	1.26	0.68	0.33	0.14	0.06	0.04	19.7	11.2				
-30	0.03	0.04	0.08	0.17	0.30	0.50	0.73	0.97	1.12	1.18	1.12	0.93	0.66	0.39	0.20	0.08	0.03	0.03	8.58	0.00				
-35	0.02	0.04	0.06	0.11	0.19	0.29	0.38	0.44	0.46	0.49	0.50	0.44	0.35	0.22	0.12	0.06	0.03	0.02	4.21	0.00				
-40	0.02	0.03	0.05	0.08	0.12	0.16	0.19	0.20	0.20	0.21	0.22	0.20	0.17	0.12	0.08	0.05	0.03	0.02	2.17	0.00				
-45	0.02	0.03	0.05	0.06	0.09	0.10	0.10	0.09	0.08	0.08	0.09	0.10	0.09	0.08	0.06	0.05	0.03	0.02	1.23	0.00				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45				
Φ t	0.94	1.66	3.09	5.88	12.7	29.4	57.7	92.2	119	127	115	87.9	53.6	25.3	10.3	4.42	2.05	1.11	778					
Φ a	0.00	0.00	0.00	0.00	3.17	23.3	52.6	87.4	114	122	110	82.7	47.9	18.6	1.26	0.00	0.00	0.00		676				

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

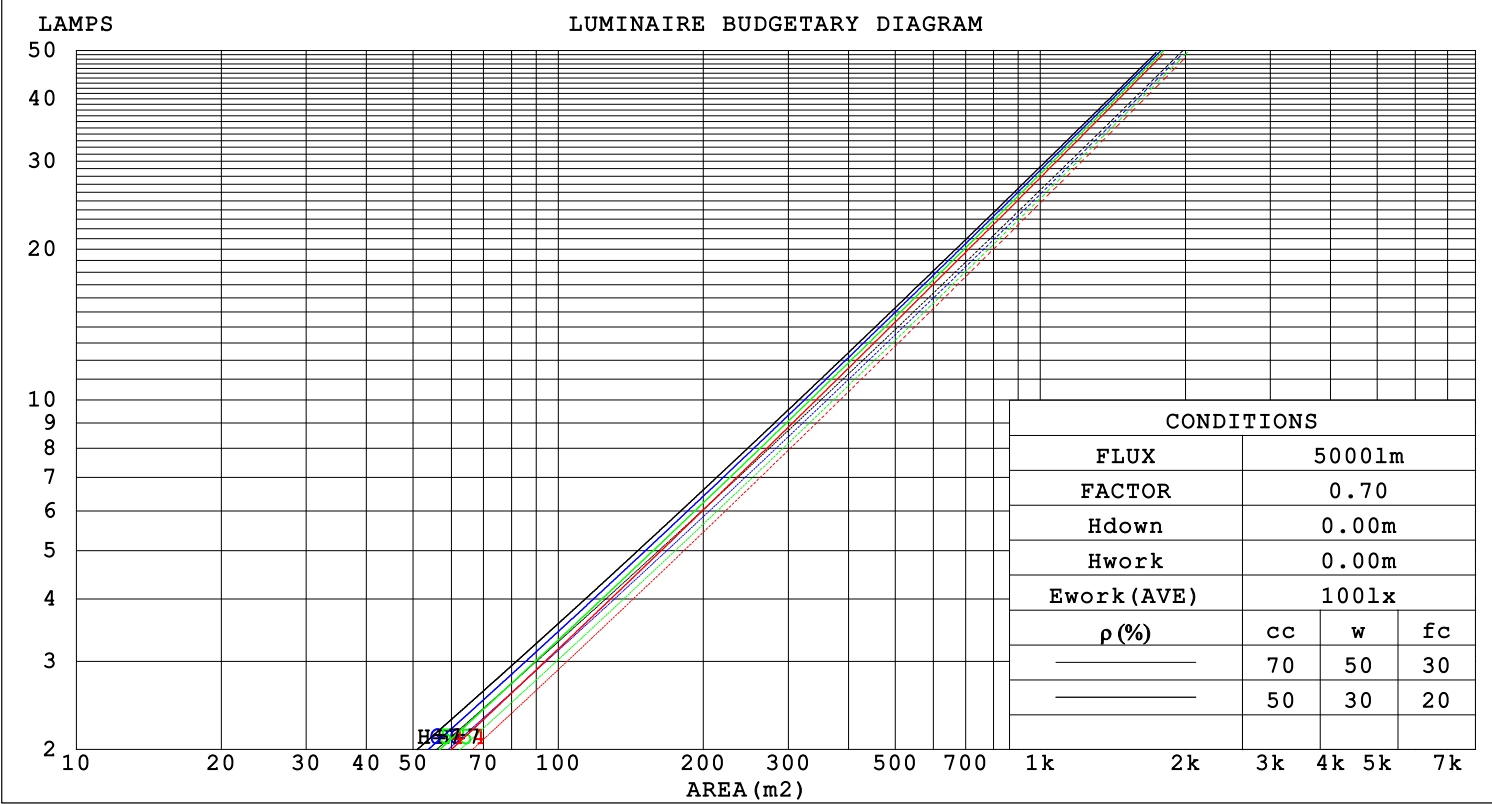
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

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: 5700K 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	.83	.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	.76	.81	.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:10.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: ELLIS 55							TYPE: 5700K 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	.079	.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	.058	.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:10.000 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 55					TYPE: 5700K 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	-3.1	-2.4	-2.9	-2.2	-2.1	-3.2	-2.5	-3.0	-2.3	-2.2
	3H	-1.7	-1.0	-1.4	-0.8	-0.7	-2.5	-1.8	-2.3	-1.7	-1.5
	4H	-0.7	-0.0	-0.4	0.2	0.4	-2.1	-1.5	-1.9	-1.3	-1.1
	6H	0.7	1.3	1.0	1.5	1.7	-1.7	-1.1	-1.4	-0.9	-0.7
	8H	1.5	2.1	1.8	2.4	2.6	-1.5	-0.9	-1.2	-0.7	-0.4
	12H	2.6	3.2	2.9	3.4	3.7	-1.1	-0.6	-0.8	-0.3	-0.1
4H	2H	-2.9	-2.2	-2.6	-2.0	-1.8	-2.9	-2.2	-2.6	-2.0	-1.8
	3H	-1.5	-0.9	-1.2	-0.7	-0.4	-1.5	-0.9	-1.2	-0.7	-0.4
	4H	-0.4	0.1	-0.0	0.4	0.7	-0.7	-0.2	-0.4	0.1	0.4
	6H	1.2	1.6	1.6	2.0	2.3	0.1	0.5	0.4	0.8	1.2
	8H	2.2	2.7	2.6	3.0	3.4	0.4	0.9	0.8	1.2	1.6
	12H	3.6	3.9	4.0	4.3	4.7	0.9	1.3	1.3	1.7	2.1
8H	4H	-0.0	0.4	0.3	0.7	1.1	-0.3	0.2	0.1	0.5	0.9
	6H	1.5	1.8	1.9	2.2	2.6	1.2	1.5	1.6	1.9	2.3
	8H	2.6	2.9	3.1	3.3	3.8	2.0	2.3	2.4	2.7	3.1
	12H	4.1	4.4	4.6	4.9	5.3	2.8	3.1	3.3	3.5	4.0
12H	4H	0.1	0.5	0.5	0.9	1.3	-0.2	0.1	0.2	0.5	0.9
	6H	1.7	2.0	2.1	2.4	2.9	1.3	1.6	1.8	2.1	2.5
	8H	2.8	3.1	3.3	3.5	4.0	2.4	2.6	2.8	3.1	3.5
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 777.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.9)

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:10.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 55	TYPE: 5700K 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		

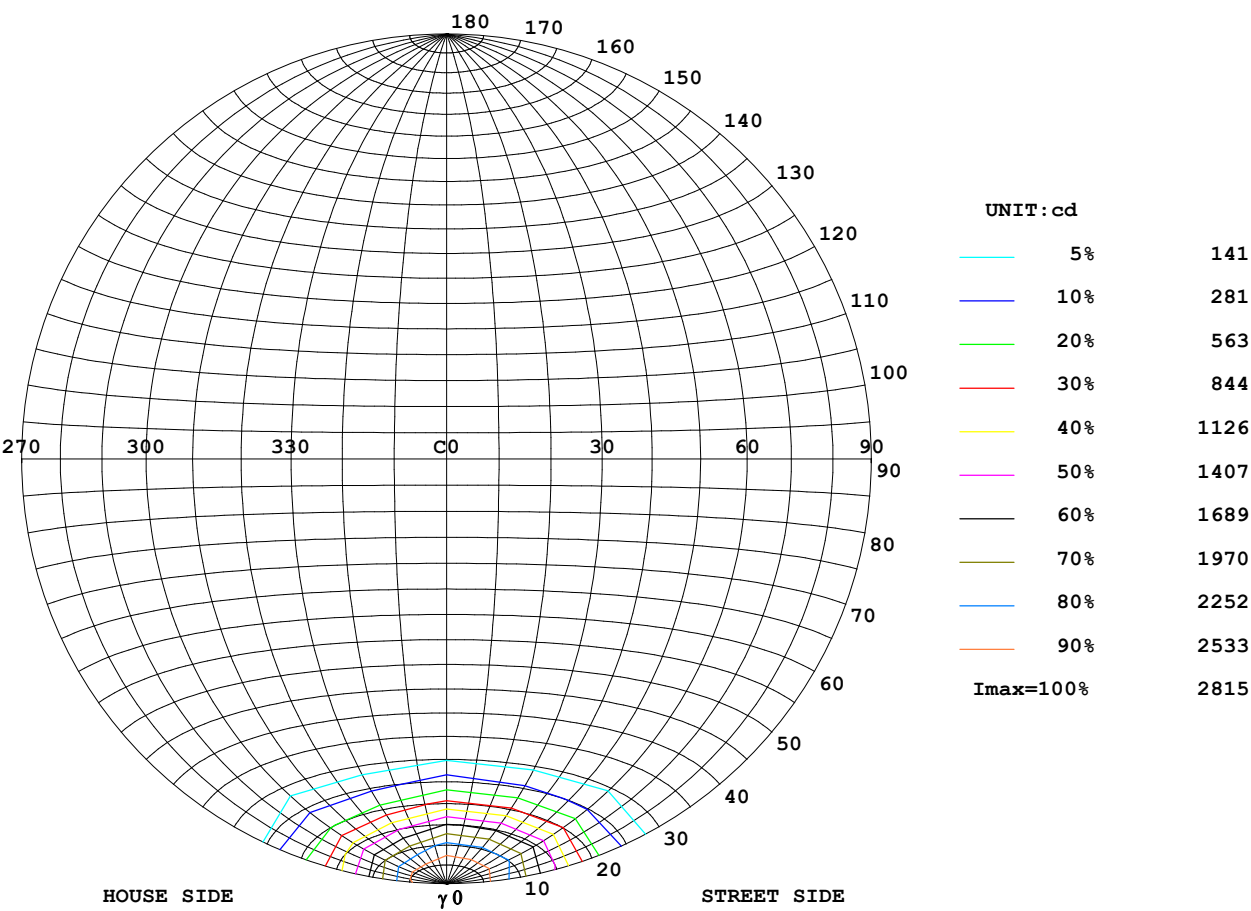
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-21-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K 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

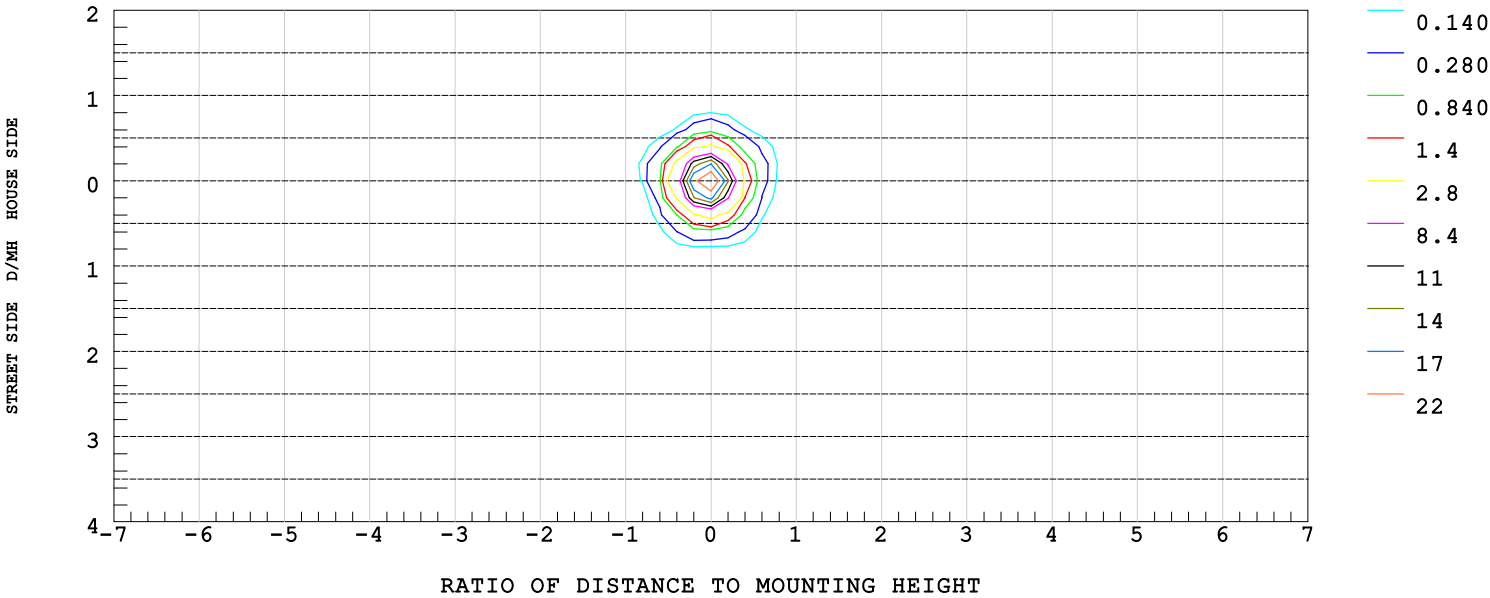
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-62 CUTOUT-55 H-77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 28.11 lx



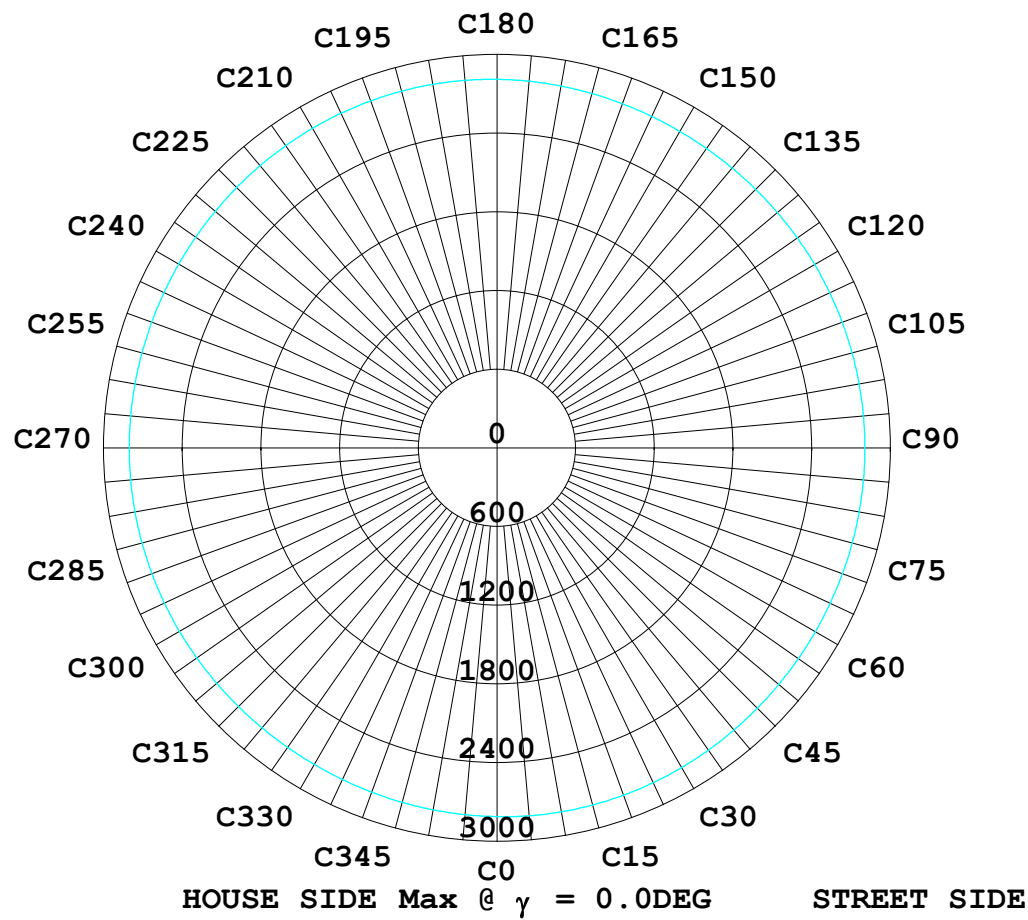
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K 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:10.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 55	TYPE: 5700K 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	2811	2815	2803	2805	2797	2787	2811	2815	2803	2805	2797	2787
5.0	2717	2696	2693	2636	2594	2490	2523	2535	2509	2585	2626	2713
10.0	2331	2304	2266	2084	1957	1741	1735	1777	1768	1967	2080	2288
15.0	1699	1663	1613	1372	1211	970	961	982	1006	1218	1387	1661
20.0	920	886	849	652	553	484	381	417	490	552	651	872
25.0	349	307	265	221	208	142	141	169	150	215	226	342
30.0	130	106	121	84.1	91.1	62.1	65.9	83.0	67.9	96.1	88.5	129
35.0	58.6	42.3	57.7	37.4	48.1	30.7	34.7	46.7	32.3	47.4	34.4	56.9
40.0	25.6	13.3	26.1	14.1	24.4	13.2	16.7	26.4	14.5	24.2	12.7	25.7
45.0	14.5	4.60	14.0	5.30	14.4	6.30	9.00	15.8	6.80	14.5	4.80	13.7
50.0	11.5	3.40	10.5	3.40	10.5	3.80	5.90	10.8	3.50	10.2	3.20	10.5
55.0	9.70	2.90	8.90	2.90	8.70	3.00	5.10	9.00	2.80	8.50	2.50	8.70
60.0	8.20	2.40	7.50	2.30	7.30	2.40	4.50	7.40	2.30	7.20	2.10	7.30
65.0	6.90	2.00	6.30	1.80	6.10	1.80	3.70	6.10	1.80	6.00	1.60	6.20
70.0	6.10	1.80	5.50	1.60	5.30	1.50	3.50	5.30	1.50	5.20	1.30	5.30
75.0	5.30	1.70	4.80	1.40	4.60	1.30	3.40	4.70	1.40	4.50	1.30	4.70
80.0	4.70	1.60	4.20	1.30	4.00	1.30	3.50	4.20	1.30	4.10	1.20	4.20
85.0	4.40	1.60	3.80	1.30	3.70	1.30	3.50	3.70	1.20	3.60	1.10	3.70
90.0	4.00	2.00	3.40	1.70	3.20	1.60	4.50	3.20	1.50	3.10	1.40	3.30

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:10.000 m
Remarks: 5700K