

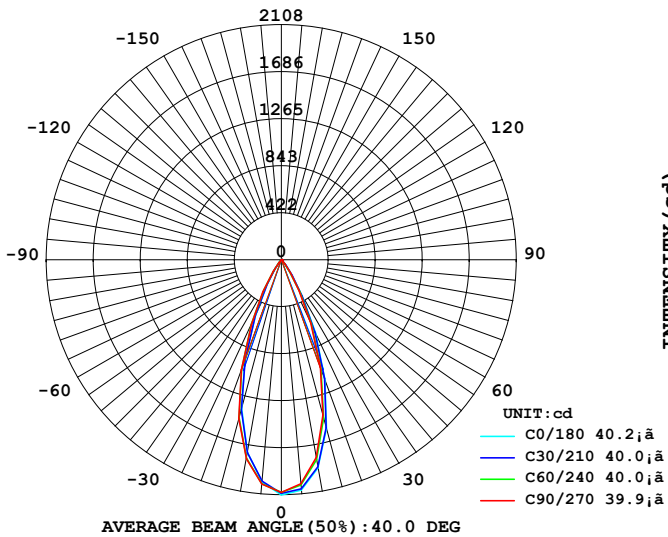
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

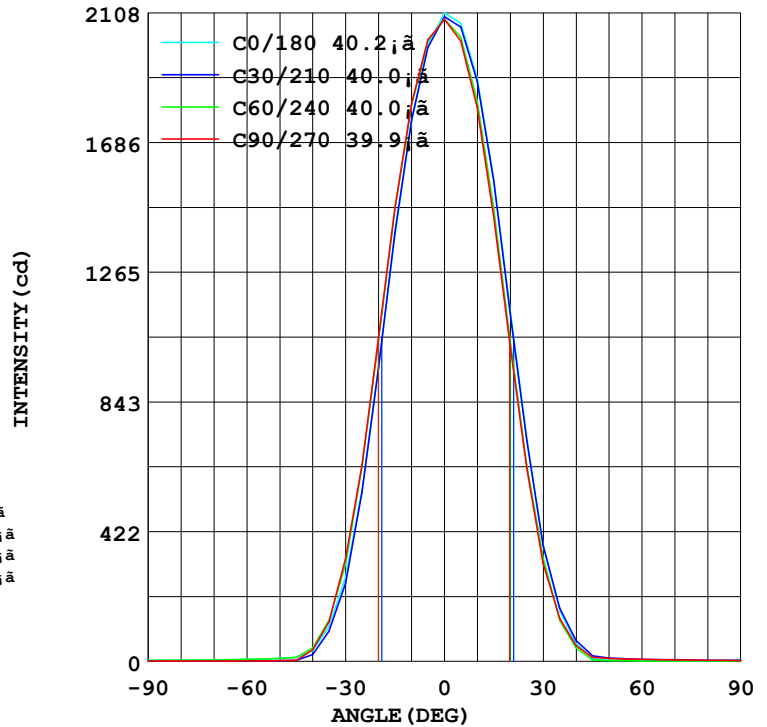
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2108	S/MH (C0/180)	0.61
MODEL	ELLIS 75	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.64
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1008.5	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	85.5	Current (A)	0.057
NOMINAL FLUX (lm)	1008.6	η up (%)	0.0	Power (W)	11.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.962
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	931.9	EEI	0.163

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 07-22-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 8.500 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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

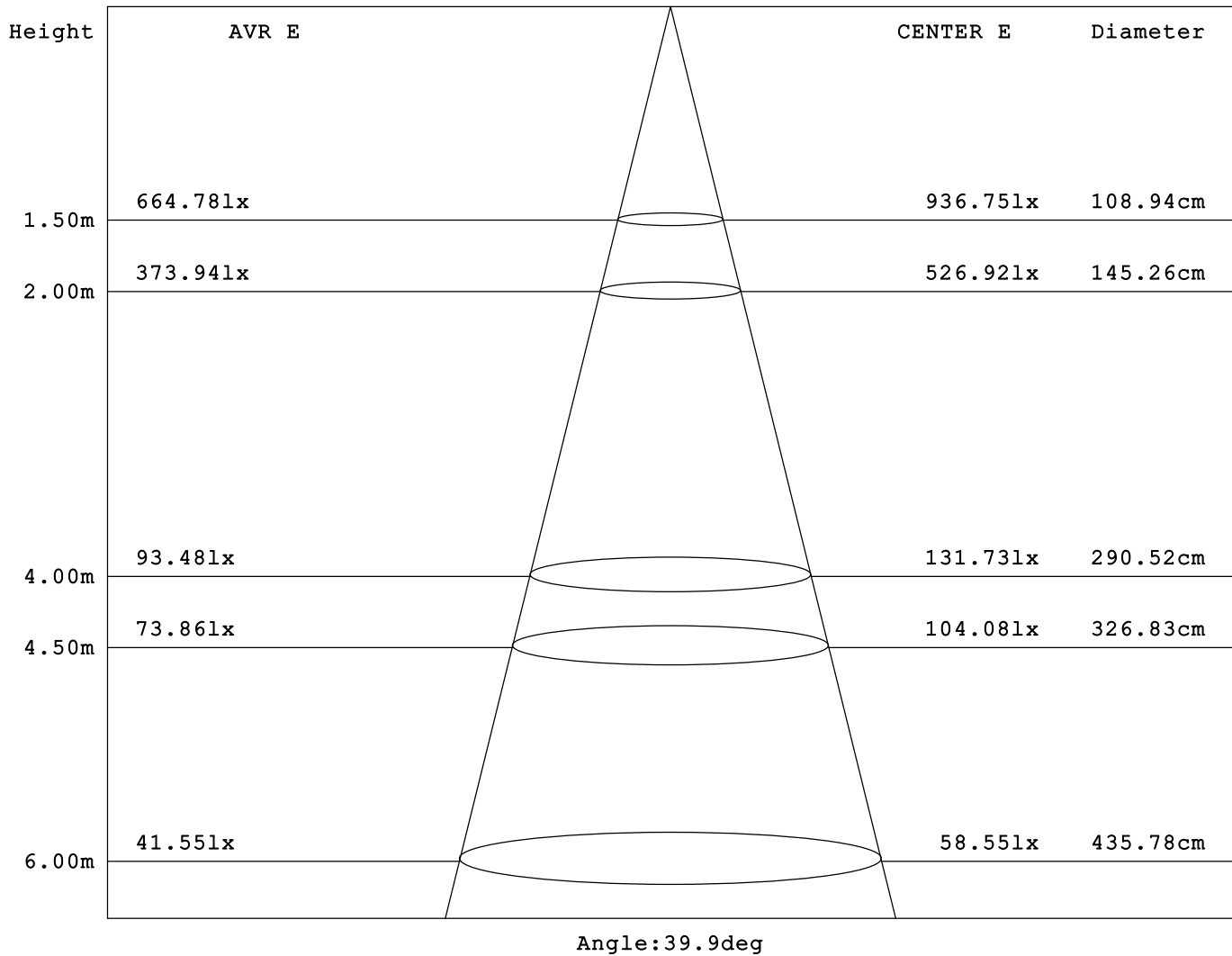
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1754	1783	1813	1844	1896	1854	1801	1754	0- 10	186.1	186.1
20.0	958.9	999.1	1053	1096	1143	1089	1027	963.9	10- 20	400.7	586.9
30.0	272.9	285.8	335.0	359.7	377.5	357.6	318.4	272.0	20- 30	296.2	883.1
40.0	35.18	33.23	37.85	53.97	58.73	56.10	51.36	35.83	30- 40	97.35	980.5
50.0	9.898	6.213	2.601	6.574	4.046	6.755	10.04	5.924	40- 50	13.36	993.8
60.0	6.936	4.298	1.734	4.371	2.962	4.479	6.719	4.046	50- 60	4.716	998.6
70.0	5.346	3.323	1.372	3.251	2.745	3.395	5.057	3.106	60- 70	3.836	1002
80.0	4.262	2.709	1.300	2.601	2.673	2.709	3.901	2.492	70- 80	3.233	1006
90.0	3.684	2.673	1.661	2.492	3.684	2.384	2.962	2.203	80- 90	2.882	1009
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:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	448	149
80	245	75
75	181	50
70	156	40
65	142	38
60	139	35
55	140	34
50	154	40
45	183	55

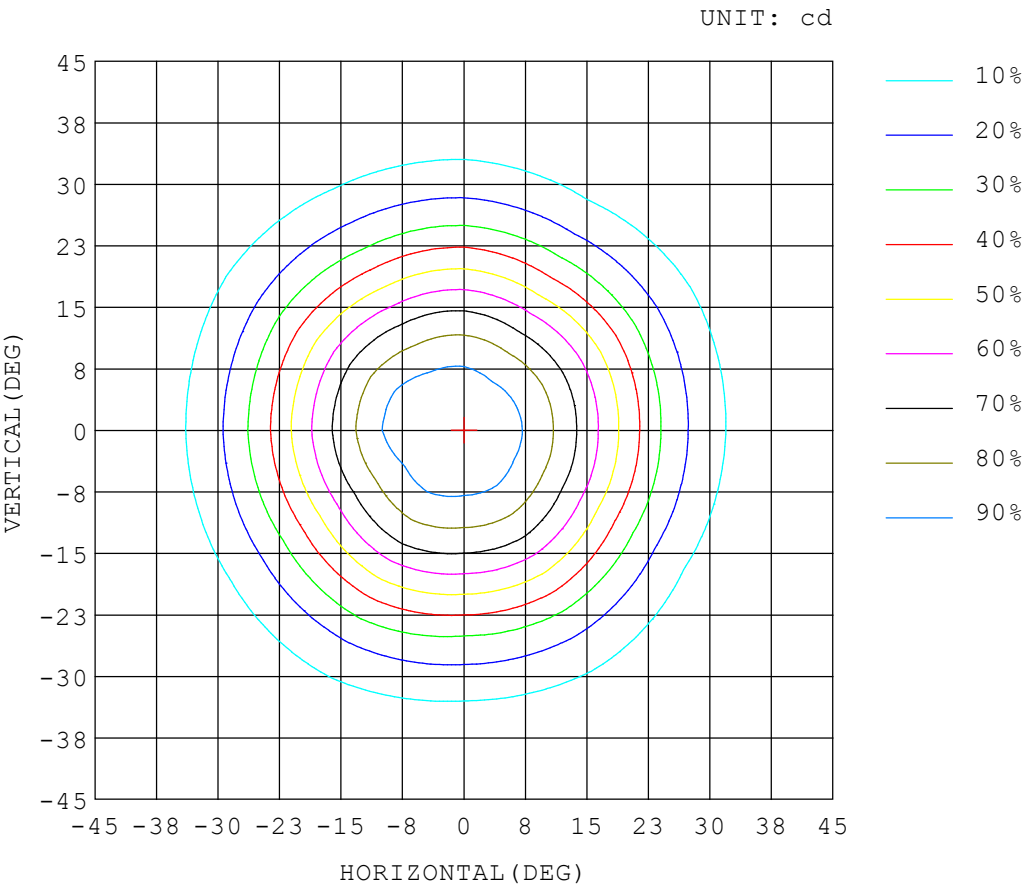
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



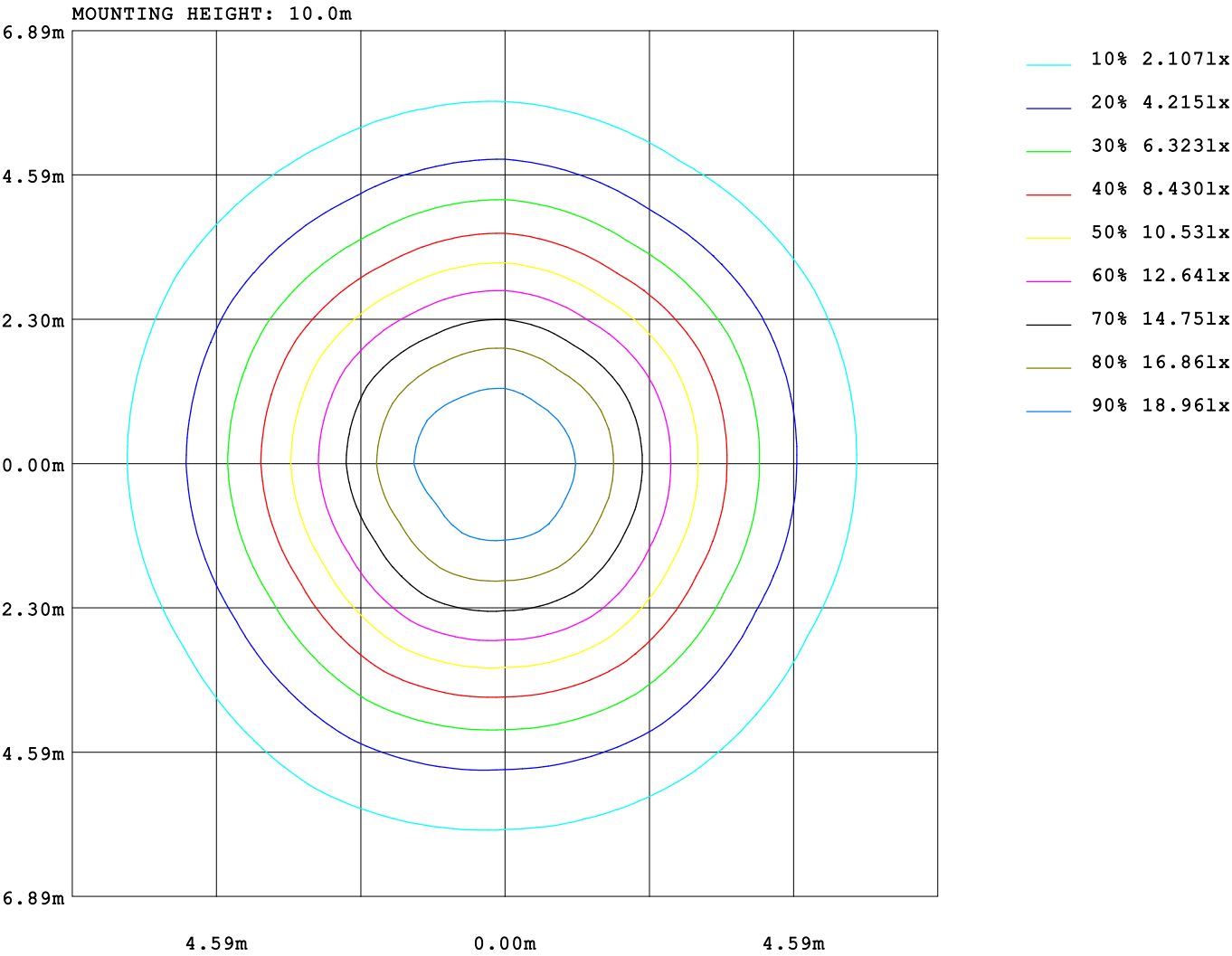
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: ELLIS 75										TYPE: 3000K CRI-90					WEIGHT:					
SPECIFICATION: OSRAM 350 MA										DIMENSION: D-84 CUT-75 H-85 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	0.04	0.04	0.04	0.04	0.03	0.07	0.13	0.19	0.23	0.23	0.17	0.11	0.05	0.02	0.03	0.03	0.03	0.03	1.52	0.00				
45																								
40	0.05	0.05	0.06	0.08	0.17	0.30	0.47	0.62	0.71	0.69	0.56	0.38	0.21	0.11	0.06	0.05	0.04	0.04	4.63	0.00				
35	0.06	0.07	0.13	0.28	0.52	0.81	1.18	1.53	1.72	1.65	1.37	0.99	0.63	0.37	0.18	0.08	0.06	0.05	11.7	4.10				
30	0.06	0.12	0.31	0.65	1.13	1.82	2.56	3.20	3.55	3.44	2.88	2.10	1.40	0.85	0.45	0.20	0.08	0.06	24.9	20.0				
25	0.07	0.23	0.59	1.19	2.14	3.34	4.54	5.60	6.21	6.06	5.19	3.94	2.70	1.62	0.87	0.39	0.15	0.06	44.9	41.2				
20	0.10	0.36	0.92	1.92	3.43	5.24	7.03	8.47	9.29	9.09	7.90	6.26	4.42	2.70	1.42	0.64	0.23	0.08	69.5	66.5				
15	0.14	0.50	1.25	2.65	4.79	7.27	9.59	11.3	12.2	11.9	10.6	8.64	6.26	3.86	2.00	0.89	0.32	0.11	94.4	91.8				
	0.18	0.61	1.55	3.29	5.85	8.84	11.6	13.5	14.4	14.1	12.8	10.5	7.67	4.77	2.49	1.11	0.41	0.13	114	112				
	0.19	0.67	1.71	3.66	6.46	9.68	12.6	14.7	15.6	15.2	13.9	11.5	8.40	5.26	2.76	1.23	0.45	0.14	124	122				
	0.18	0.66	1.69	3.62	6.40	9.58	12.5	14.5	15.5	15.3	13.9	11.5	8.37	5.22	2.73	1.20	0.43	0.13	124	122				
	0.15	0.57	1.48	3.18	5.66	8.56	11.3	13.5	14.5	14.3	13.0	10.5	7.56	4.65	2.40	1.04	0.36	0.11	113	111				
-15	0.11	0.43	1.14	2.49	4.53	7.04	9.62	11.6	12.4	12.3	11.1	8.91	6.19	3.67	1.84	0.79	0.26	0.08	94.8	92.2				
-20	0.06	0.28	0.78	1.75	3.29	5.27	7.34	8.91	9.59	9.44	8.50	6.74	4.56	2.62	1.26	0.51	0.15	0.05	71.1	68.3				
-25	0.03	0.15	0.47	1.09	2.12	3.48	4.91	5.94	6.41	6.30	5.61	4.42	2.95	1.66	0.78	0.28	0.08	0.03	46.7	43.6				
-30	0.02	0.05	0.24	0.61	1.19	2.00	2.81	3.42	3.69	3.61	3.18	2.47	1.65	0.91	0.42	0.13	0.03	0.02	26.5	22.5				
-35	0.02	0.03	0.09	0.28	0.58	0.98	1.34	1.63	1.76	1.71	1.50	1.15	0.78	0.42	0.18	0.06	0.03	0.01	12.6	5.11				
-40	0.02	0.03	0.05	0.10	0.23	0.39	0.53	0.62	0.65	0.62	0.56	0.44	0.30	0.17	0.08	0.04	0.03	0.02	4.86	0.00				
-45	0.02	0.03	0.04	0.06	0.09	0.12	0.15	0.17	0.17	0.16	0.15	0.13	0.10	0.08	0.06	0.04	0.03	0.02	1.62	0.00				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45				
Φ t	1.48	4.88	12.5	26.9	48.6	74.8	101	120	129	127	113	90.8	64.2	39.0	20.0	8.75	3.18	1.15	1009					
Φ a	0.00	0.00	6.24	22.8	45.2	71.6	97.6	117	126	124	110	87.7	60.8	35.2	15.3	1.89	0.00	0.00		932				

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

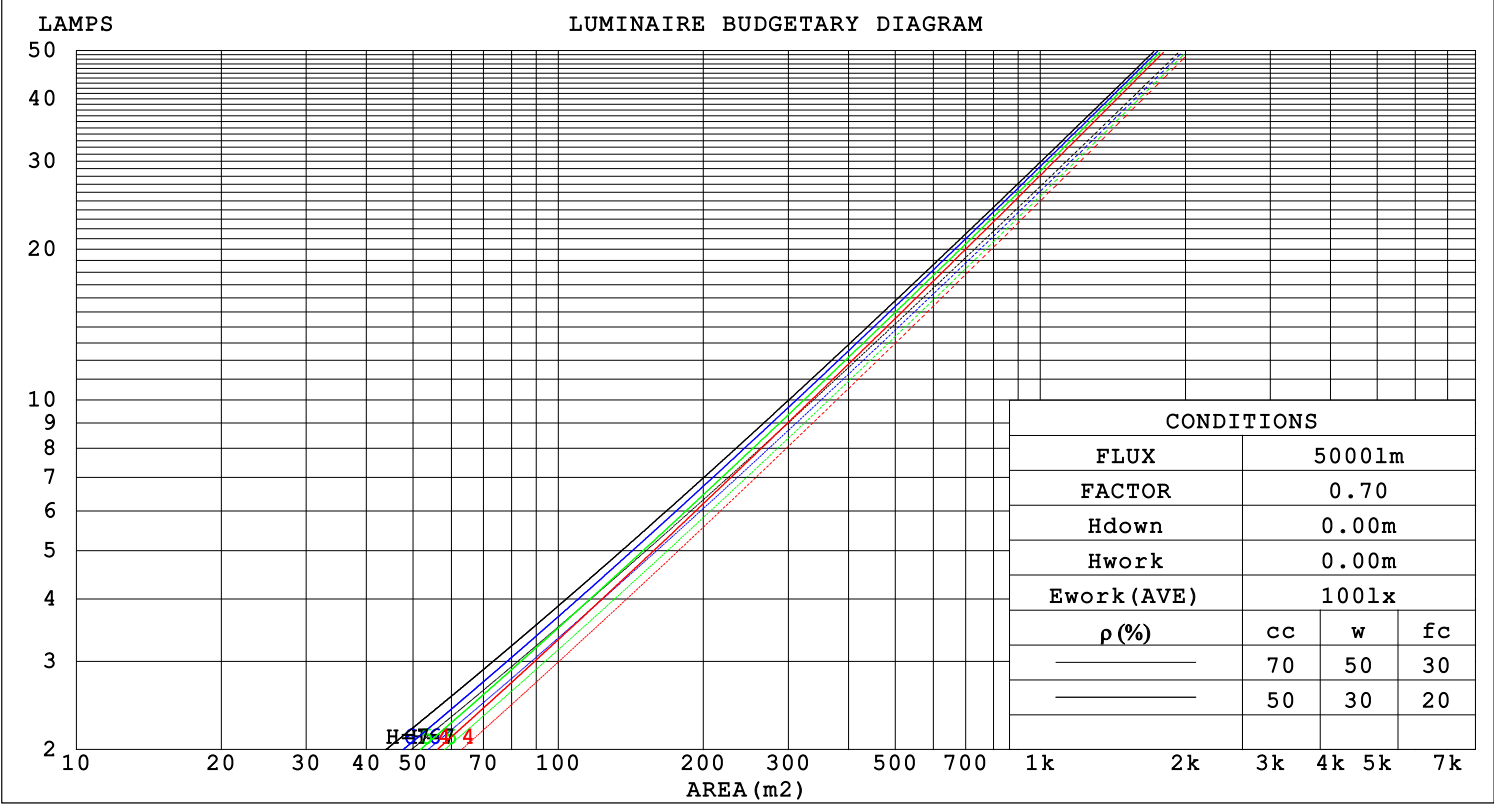
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 75								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 350 MA								DIMENSION: D-84 CUT-75 H-85 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	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95
2.0	1.05	1.02	.99	1.03	1.00	.97	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.90
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.91	.89	.87	.85
4.0	.94	.89	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.85	.82	.81
5.0	.89	.84	.81	.89	.84	.80	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.73
7.0	.81	.76	.73	.81	.76	.72	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
9.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.72	.68	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.70	.66	.63	.69	.65	.63	.61



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 75								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 350 MA								DIMENSION: D-84 CUT-75 H-85 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	.162	.092	.029	.155	.088	.028	.142	.082	.026	.131	.076	.024	.120	.070	.022															
2.0	.151	.083	.025	.146	.080	.025	.135	.075	.023	.126	.070	.022	.117	.066	.021															
3.0	.142	.076	.023	.137	.074	.022	.129	.070	.021	.120	.066	.020	.113	.062	.019															
4.0	.134	.070	.020	.130	.068	.020	.123	.065	.019	.116	.062	.019	.109	.059	.018															
5.0	.127	.065	.019	.124	.064	.019	.117	.061	.018	.111	.059	.017	.106	.056	.017															
6.0	.121	.061	.017	.118	.060	.017	.112	.058	.017	.107	.056	.016	.102	.054	.016															
7.0	.115	.057	.016	.113	.056	.016	.108	.055	.016	.103	.053	.015	.099	.051	.015															
8.0	.110	.054	.015	.108	.053	.015	.104	.052	.015	.100	.050	.015	.096	.049	.014															
9.0	.106	.051	.014	.104	.051	.014	.100	.049	.014	.096	.048	.014	.093	.047	.014															
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.093	.046	.013	.090	.045	.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	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.082	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.128	.098	.075	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.054	.070	.052	.038	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.052	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 75					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 350 MA					DIMENSION: D-84 CUT-75 H-85 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		-0.7	0.1	-0.5	0.2	0.4	0.7	1.5	0.9	1.6	1.8
	3H	-0.4	0.4	-0.1	0.6	0.8	0.7	1.4	0.9	1.6	1.8
	4H	0.1	0.8	0.3	1.0	1.2	0.7	1.4	1.0	1.6	1.9
	6H	0.8	1.4	1.0	1.7	1.9	0.8	1.5	1.1	1.7	1.9
	8H	1.3	1.9	1.6	2.2	2.4	0.9	1.5	1.2	1.7	2.0
	12H	2.0	2.6	2.3	2.9	3.1	1.0	1.6	1.3	1.8	2.1
4H	2H	-0.8	-0.1	-0.6	0.1	0.3	0.5	1.2	0.8	1.5	1.7
	3H	-0.4	0.2	-0.1	0.5	0.7	0.8	1.4	1.1	1.7	1.9
	4H	0.1	0.6	0.4	0.9	1.2	1.0	1.6	1.4	1.9	2.2
	6H	1.0	1.5	1.3	1.8	2.1	1.3	1.8	1.7	2.2	2.5
	8H	1.7	2.1	2.0	2.5	2.8	1.5	2.0	1.9	2.3	2.7
	12H	2.6	3.0	3.0	3.4	3.8	1.8	2.2	2.2	2.6	2.9
8H	4H	0.2	0.7	0.6	1.0	1.4	1.1	1.6	1.5	1.9	2.3
	6H	1.1	1.5	1.6	1.9	2.3	1.8	2.2	2.2	2.6	3.0
	8H	1.9	2.2	2.3	2.7	3.1	2.3	2.6	2.7	3.0	3.5
	12H	3.1	3.4	3.6	3.8	4.3	2.9	3.1	3.3	3.6	4.1
12H	4H	0.3	0.7	0.7	1.1	1.5	1.1	1.5	1.5	1.9	2.3
	6H	1.3	1.6	1.7	2.0	2.5	1.9	2.2	2.3	2.6	3.1
	8H	2.1	2.4	2.5	2.8	3.3	2.5	2.8	3.0	3.3	3.7
Variations with the observer position at spacings:											
S = 1.0H		+ 1.1 / - 0.6					+ 1.2 / - 1.1				
1.5H		+ 2.4 / - 0.8					+ 2.7 / - 1.2				
2.0H		+ 0.8 / - 0.5					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 1009 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 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	84	80	89	83	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	102	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	103	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	109	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

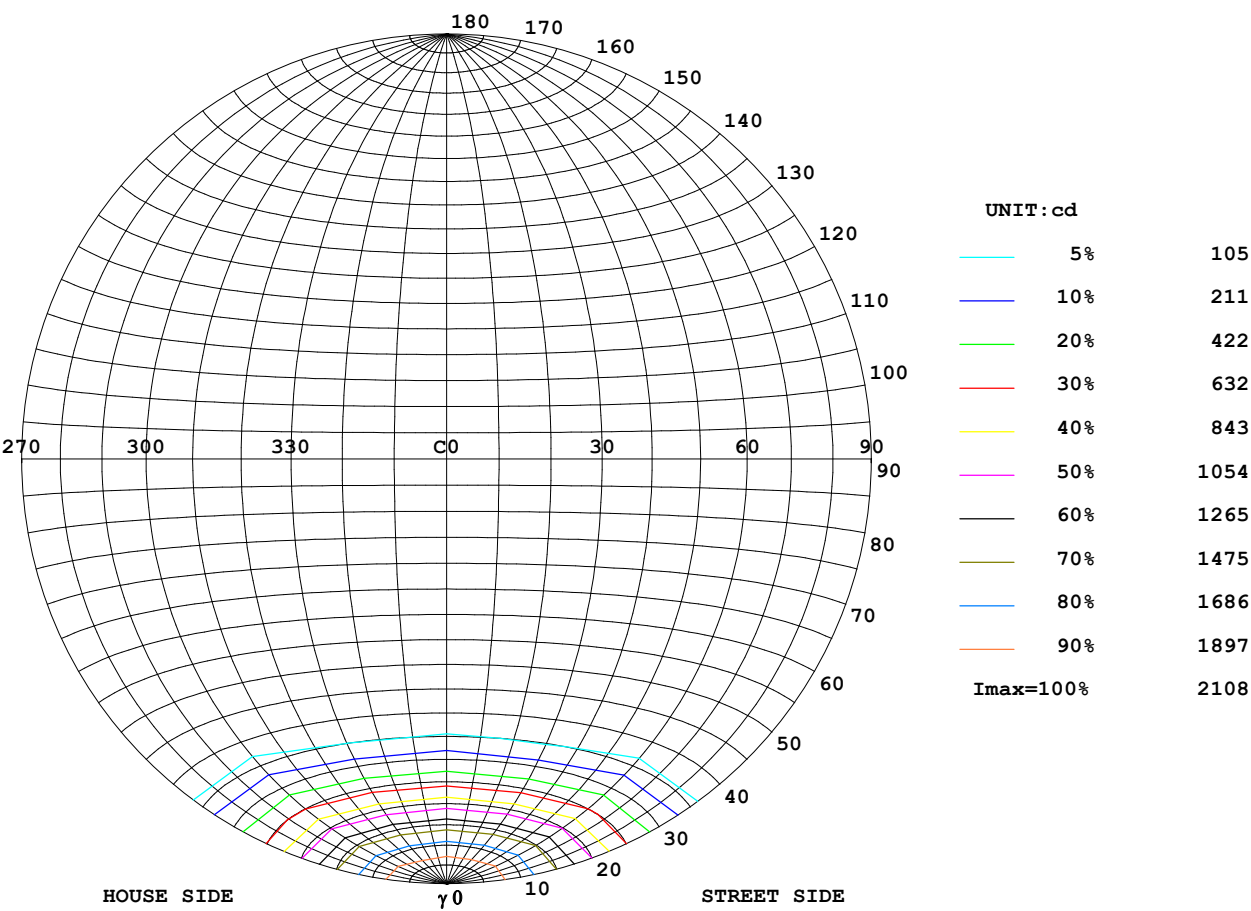
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

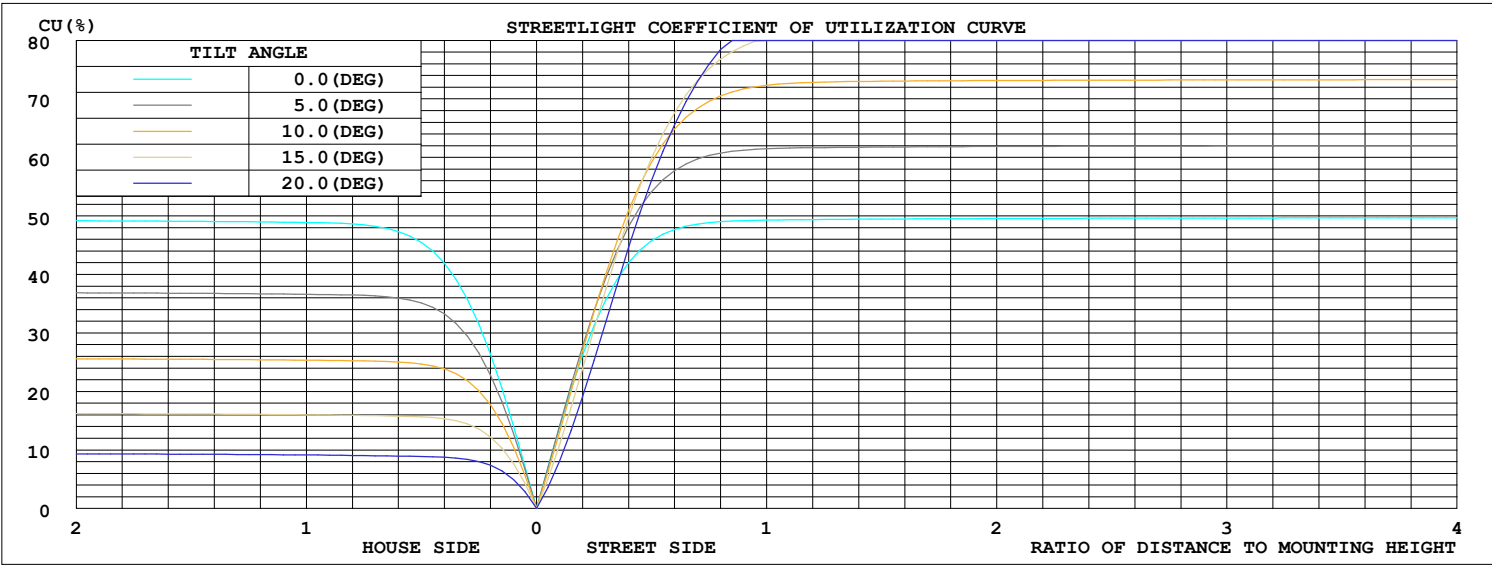
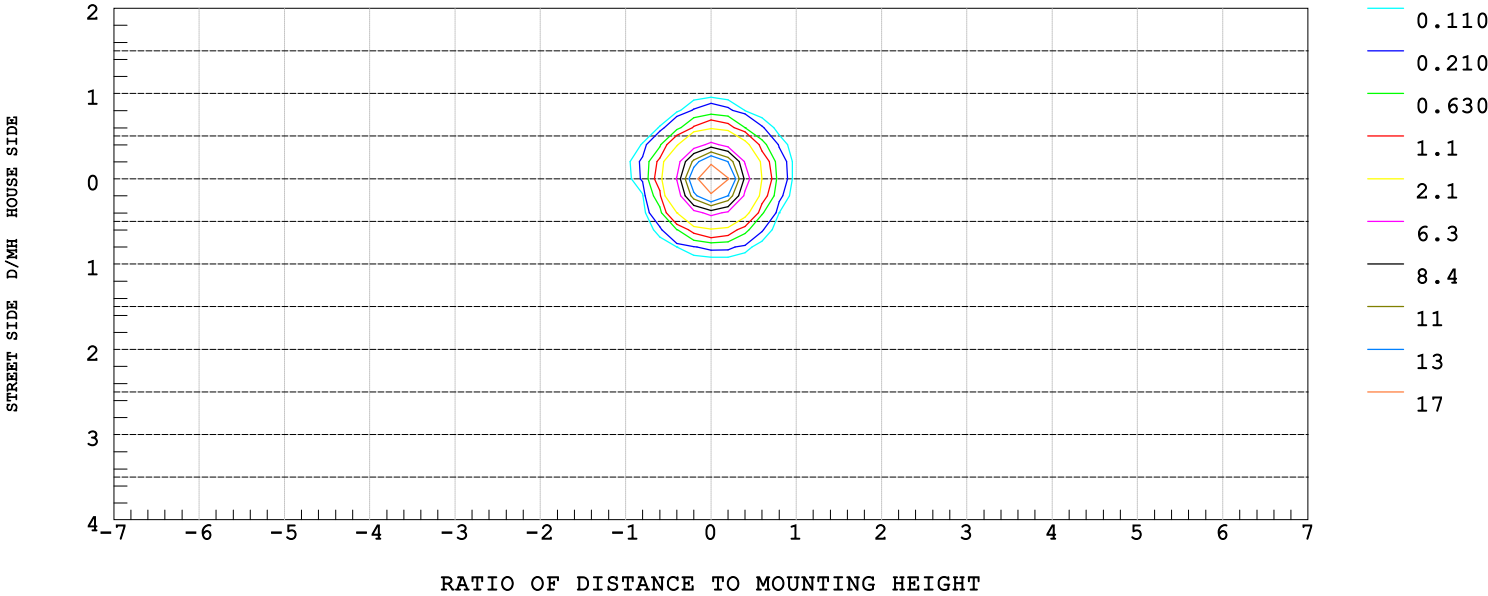
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 21.08 lx



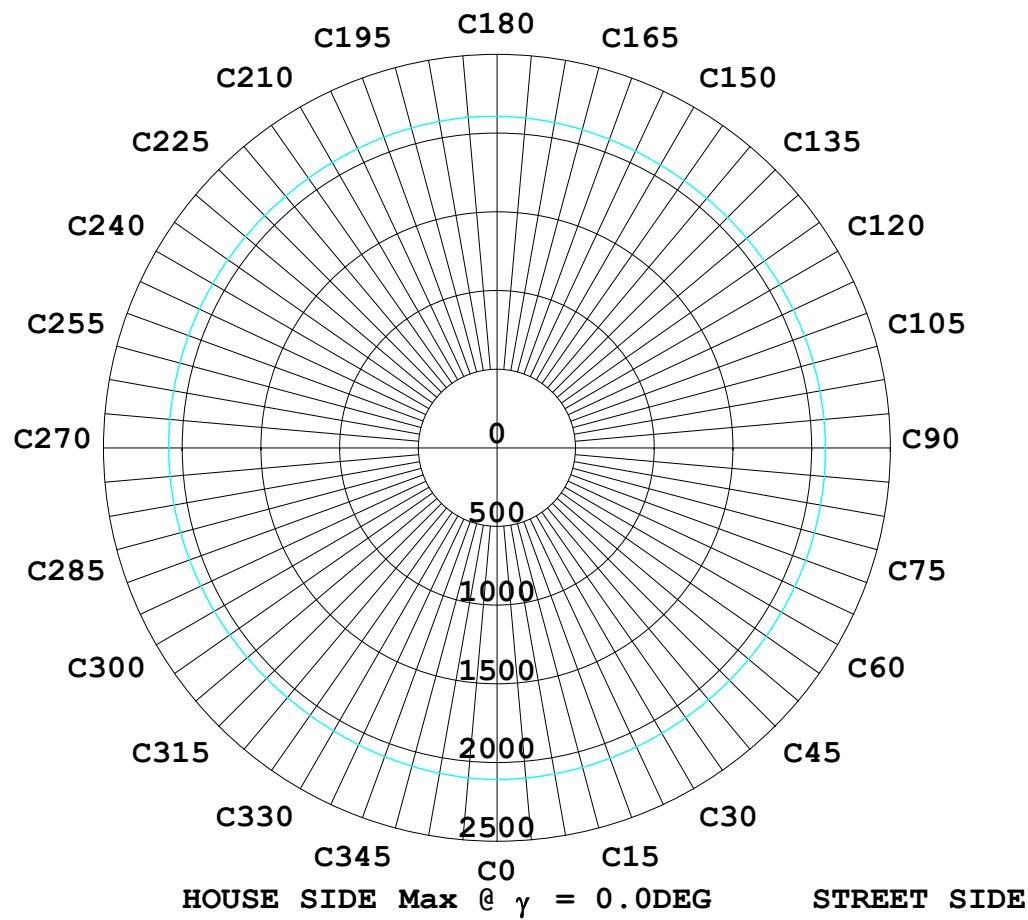
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2108	2094	2087	2087	2076	2077	2108	2094	2087	2087	2076	2077
5.0	2003	1995	2017	2019	2034	2025	2073	2062	2028	2015	1984	1988
10.0	1754	1759	1807	1813	1851	1838	1896	1886	1822	1801	1747	1760
15.0	1382	1394	1469	1474	1538	1507	1565	1561	1470	1442	1381	1398
20.0	959	955	1043	1053	1112	1081	1143	1133	1044	1027	946	982
25.0	554	550	631	636	701	674	726	719	639	628	557	581
30.0	273	254	317	335	371	348	378	378	337	318	259	285
35.0	114	97.9	134	128	165	146	165	173	134	140	105	123
40.0	35.1	22.4	44.0	37.8	60.1	47.7	58.7	67.6	44.5	51.3	30.0	41.6
45.0	12.9	3.46	13.2	3.90	15.1	5.20	9.10	17.8	4.76	13.4	3.17	12.4
50.0	9.89	2.52	9.89	2.60	10.4	2.67	4.04	10.8	2.67	10.0	2.31	9.53
55.0	8.01	1.95	7.87	1.95	8.16	2.02	3.32	8.52	2.09	8.01	1.87	7.58
60.0	6.93	1.87	6.71	1.73	6.93	1.80	2.96	7.15	1.80	6.71	1.66	6.43
65.0	5.99	1.58	5.78	1.58	5.92	1.58	2.96	6.06	1.66	5.85	1.51	5.63
70.0	5.34	1.58	5.05	1.37	5.12	1.37	2.74	5.27	1.51	5.05	1.37	4.84
75.0	4.69	1.44	4.47	1.30	4.55	1.30	2.74	4.62	1.37	4.40	1.22	4.33
80.0	4.26	1.44	3.97	1.30	3.97	1.22	2.67	4.11	1.30	3.90	1.15	3.82
85.0	3.90	1.51	3.68	1.30	3.68	1.30	2.74	3.61	1.22	3.46	1.15	3.46
90.0	3.68	1.95	3.39	1.66	3.32	1.66	3.68	3.25	1.51	2.96	1.37	3.03

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K