

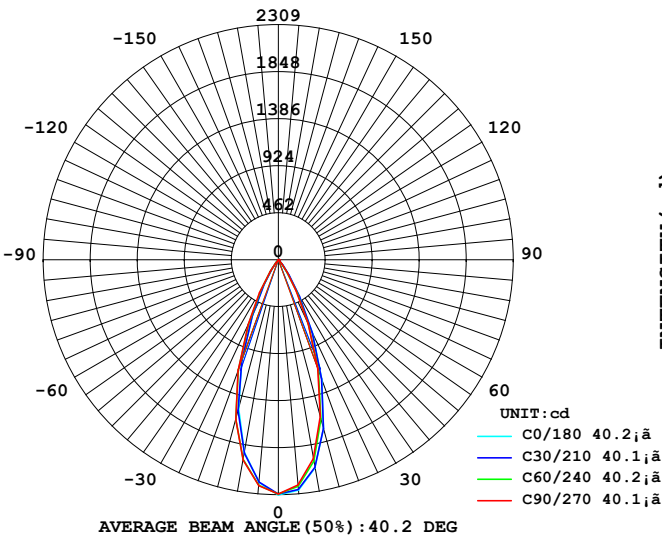
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

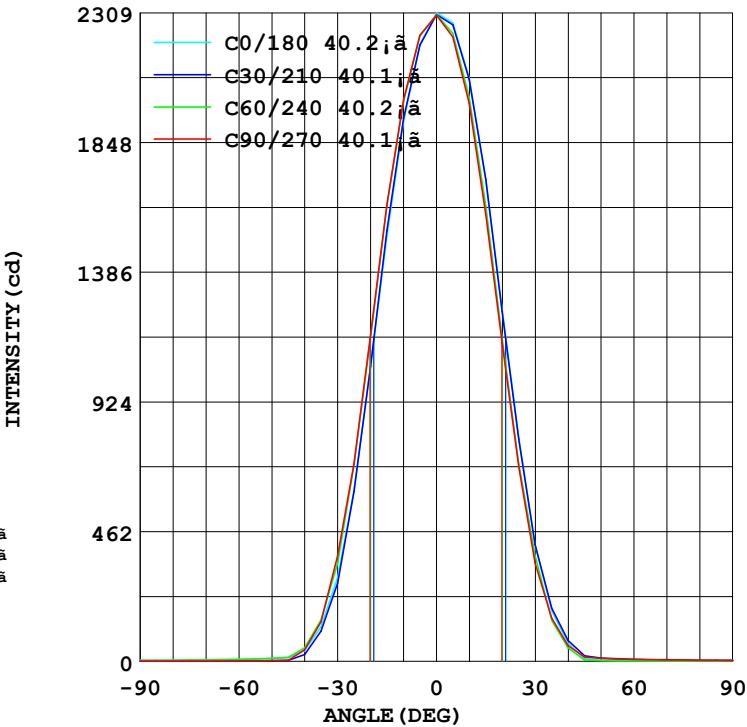
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2309	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)	1112.5	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	93.5	Current (A)	0.056
NOMINAL FLUX (lm)	1112.6	η up (%)	0.0	Power (W)	11.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.962
TEST VOLTAGE (V)	219.8	Effictive Flux (lm)	1028.0	EEI	0.151

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:9.000 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 75	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

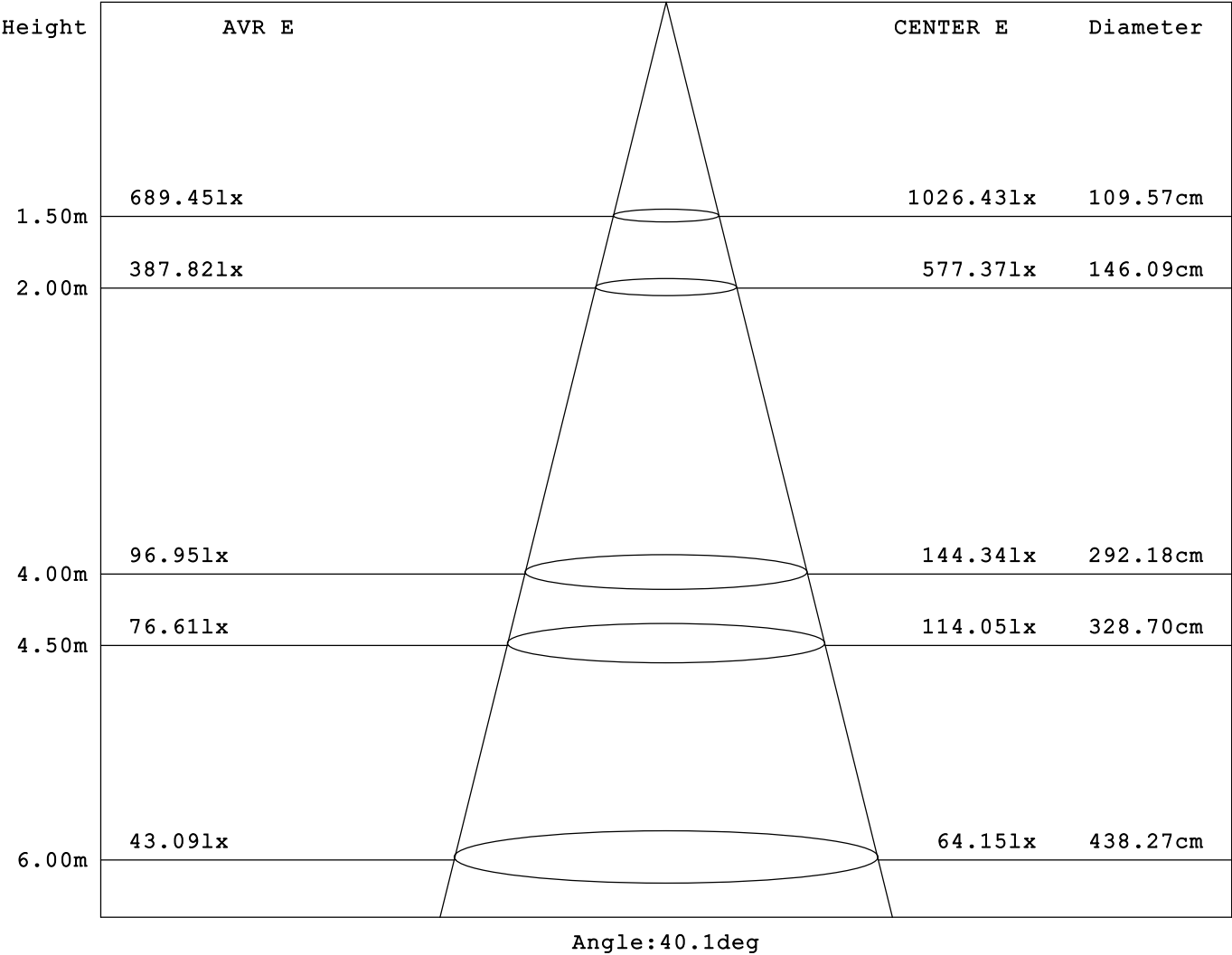
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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 75	TYPE: 4000K 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:9.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K 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	1923	1963	2000	2040	2078	2041	1988	1941	0- 10	205.3	205.3
20.0	1051	1102	1164	1215	1255	1199	1134	1068	10- 20	442.0	647.3
30.0	298.6	314.8	376.4	398.0	414.3	396.5	350.7	300.8	20- 30	326.9	974.2
40.0	38.55	36.53	41.47	59.41	64.23	61.31	56.37	39.60	30- 40	107.2	1082
50.0	11.09	6.804	2.835	7.330	4.536	7.533	11.01	6.601	40- 50	14.70	1096
60.0	7.776	4.738	1.863	4.860	3.483	4.900	7.452	4.536	50- 60	5.234	1101
70.0	5.994	3.645	1.539	3.685	3.240	3.766	5.670	3.483	60- 70	4.280	1106
80.0	4.779	2.997	1.458	2.956	3.159	2.956	4.374	2.754	70- 80	3.612	1109
90.0	4.131	3.037	1.944	2.835	4.293	2.632	3.321	2.430	80- 90	3.223	1113
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:9.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K 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	502	167
80	275	84
75	203	56
70	175	45
65	161	40
60	156	37
55	155	38
50	173	44
45	203	60

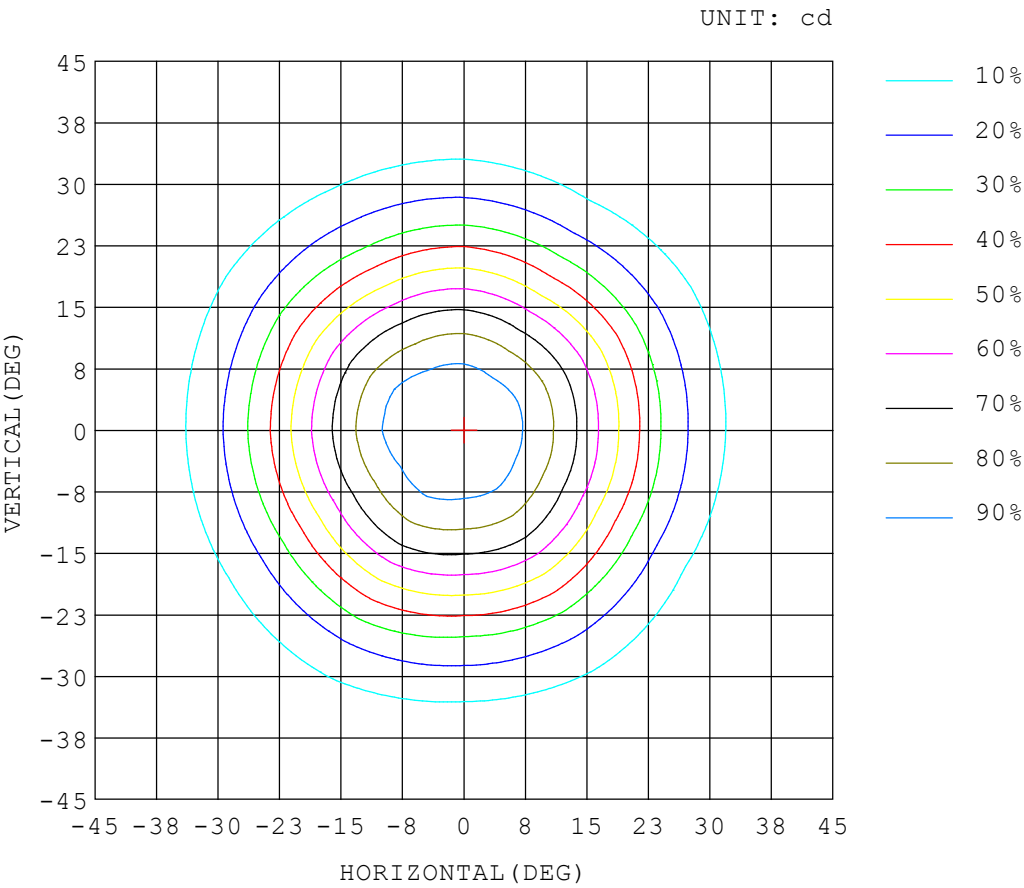
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



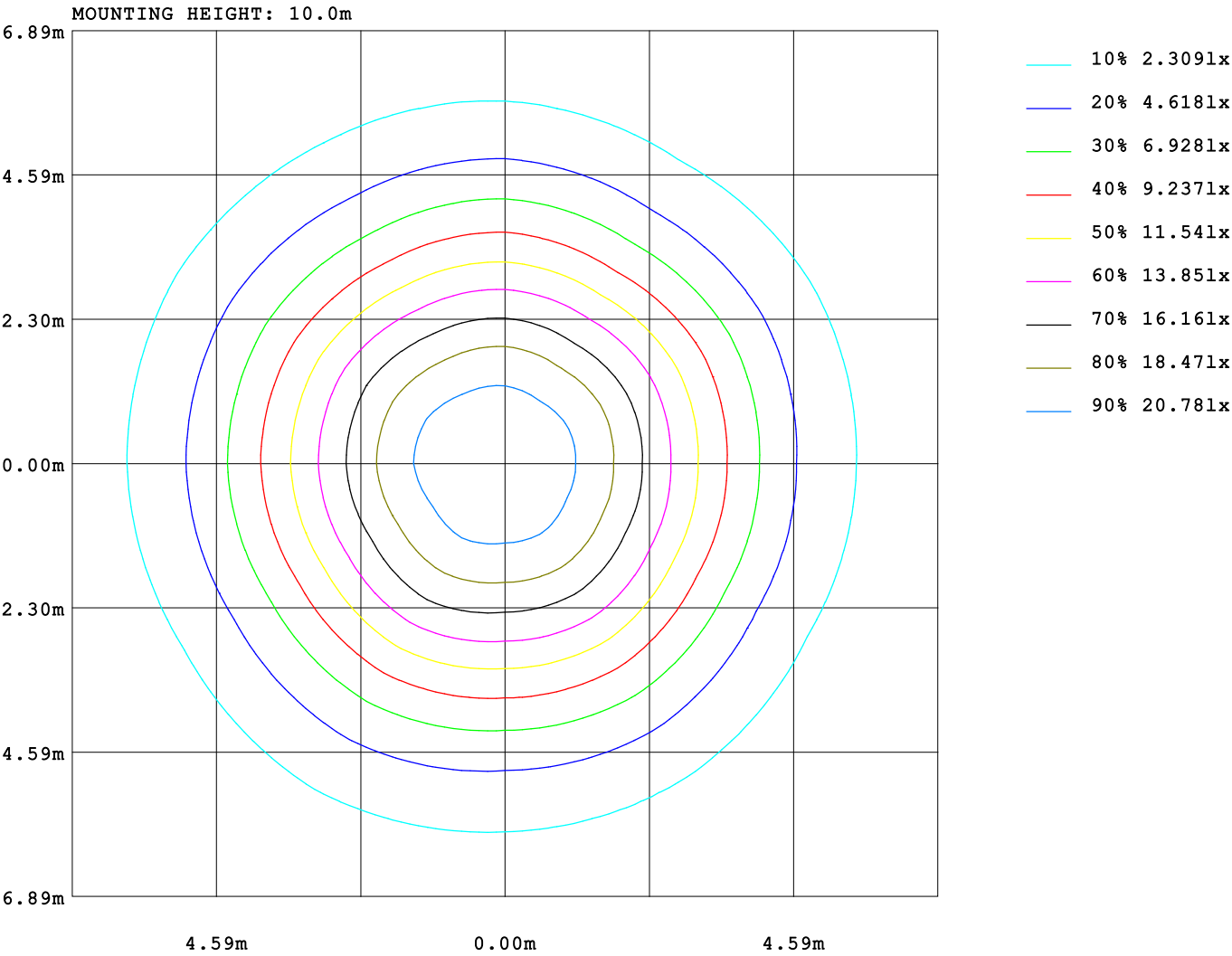
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K 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:9.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: ELLIS 75

TYPE: 4000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 350 MA

DIMENSION: D-84 CUT-75 H-85 MM

SERIAL No.:

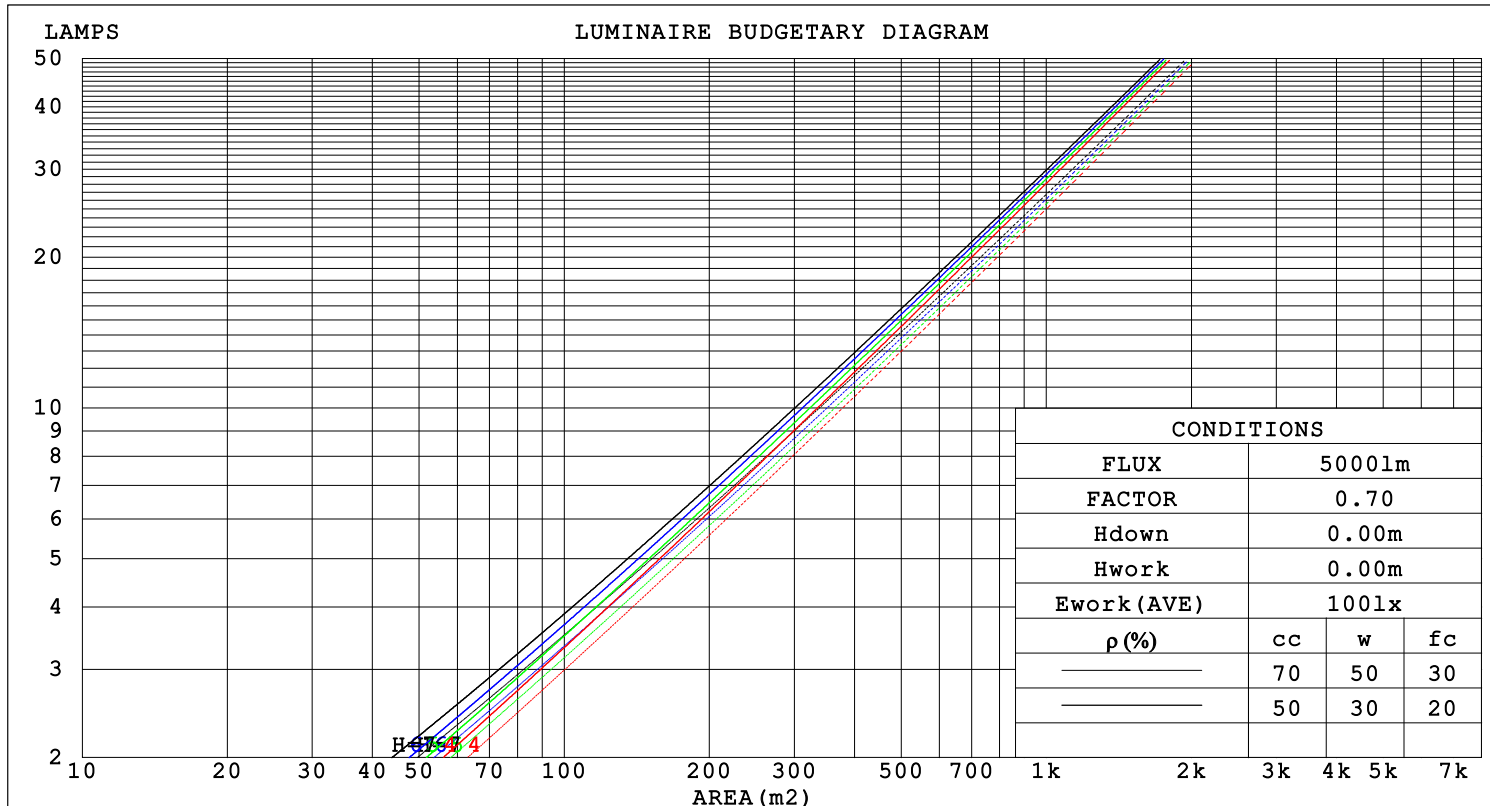
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a				
	0.04	0.04	0.04	0.04	0.04	0.07	0.14	0.21	0.26	0.25	0.19	0.12	0.06	0.03	0.03	0.04	0.04	0.04	1.67	0.00							
45	0.05	0.06	0.06	0.09	0.19	0.32	0.51	0.68	0.78	0.75	0.61	0.42	0.24	0.12	0.06	0.05	0.05	0.05	5.08	0.00							
40	0.06	0.08	0.14	0.31	0.57	0.88	1.30	1.69	1.89	1.82	1.51	1.09	0.69	0.41	0.20	0.09	0.06	0.05	12.8	4.60							
35	0.07	0.13	0.34	0.71	1.24	2.02	2.84	3.54	3.92	3.80	3.18	2.32	1.55	0.94	0.50	0.22	0.09	0.06	27.5	22.1							
30	0.08	0.25	0.65	1.30	2.37	3.70	5.01	6.18	6.85	6.69	5.73	4.35	2.99	1.80	0.96	0.44	0.17	0.07	49.6	45.5							
25	0.11	0.39	1.00	2.11	3.78	5.78	7.75	9.34	10.2	10.0	8.74	6.92	4.90	2.99	1.57	0.70	0.25	0.09	76.7	73.5							
20	0.15	0.55	1.37	2.91	5.27	8.00	10.5	12.4	13.4	13.2	11.7	9.57	6.93	4.27	2.20	0.98	0.36	0.12	104	101							
15	0.19	0.67	1.70	3.61	6.44	9.72	12.8	14.9	15.9	15.6	14.1	11.6	8.48	5.26	2.75	1.22	0.45	0.14	126	123							
10	0.21	0.73	1.88	4.02	7.10	10.6	13.9	16.2	17.1	16.8	15.3	12.6	9.23	5.78	3.03	1.34	0.49	0.15	137	134							
5	0.20	0.72	1.86	3.98	7.04	10.5	13.8	16.0	17.1	16.9	15.3	12.6	9.18	5.72	2.99	1.32	0.47	0.14	136	134							
0	0.17	0.62	1.62	3.50	6.25	9.46	12.6	14.9	16.0	15.8	14.3	11.6	8.31	5.10	2.63	1.14	0.40	0.12	125	122							
-5	0.12	0.47	1.26	2.75	5.02	7.80	10.6	12.9	13.7	13.5	12.3	9.83	6.82	4.04	2.02	0.87	0.29	0.09	105	102							
-10	0.06	0.31	0.86	1.93	3.65	5.84	8.13	9.86	10.6	10.4	9.39	7.44	5.03	2.88	1.38	0.56	0.17	0.05	78.6	75.5							
-15	0.03	0.16	0.52	1.20	2.35	3.86	5.45	6.58	7.09	6.96	6.20	4.88	3.25	1.82	0.85	0.30	0.09	0.03	51.6	48.2							
-20	0.02	0.06	0.26	0.68	1.31	2.21	3.11	3.80	4.11	4.01	3.53	2.73	1.82	1.00	0.46	0.15	0.04	0.02	29.3	25.0							
-25	0.02	0.03	0.10	0.31	0.64	1.07	1.48	1.81	1.97	1.91	1.66	1.27	0.86	0.47	0.20	0.07	0.03	0.02	13.9	5.83							
-30	0.02	0.03	0.05	0.11	0.26	0.43	0.58	0.69	0.71	0.69	0.61	0.48	0.33	0.19	0.09	0.05	0.03	0.02	5.35	0.00							
-35	0.02	0.03	0.05	0.07	0.10	0.13	0.17	0.19	0.19	0.18	0.17	0.14	0.11	0.09	0.06	0.04	0.03	0.02	1.78	0.00							
-40																											
-45																											
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)											10	15	20	25	30	35	40	45
Φ t	1.62	5.35	13.8	29.6	53.6	82.5	111	132	142	140	125	100	70.8	42.9	22.0	9.60	3.49	1.27	1113								
Φ a	0.00	0.00	6.85	25.1	49.8	79.1	108	129	139	137	122	96.8	67.1	38.7	16.9	2.07	0.00	0.00		1028							

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:9.000 m
 Remarks: 4000K

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	1.09	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	.80	.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 Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 75								TYPE: 4000K 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	.063	.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	.129	.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:9.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 75					TYPE: 4000K 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	-0.4	0.4	-0.2	0.5	0.7	1.0	1.8	1.2	2.0	2.1
	3H	-0.0	0.7	0.2	0.9	1.1	1.0	1.8	1.3	2.0	2.1
	4H	0.4	1.1	0.7	1.3	1.5	1.1	1.8	1.3	2.0	2.2
	6H	1.1	1.8	1.4	2.0	2.3	1.1	1.8	1.4	2.0	2.3
	8H	1.6	2.3	1.9	2.5	2.8	1.2	1.8	1.5	2.1	2.3
	12H	2.4	3.0	2.7	3.2	3.5	1.3	1.9	1.6	2.2	2.5
4H	2H	-0.5	0.2	-0.3	0.4	0.6	0.9	1.6	1.1	1.8	2.0
	3H	-0.1	0.5	0.2	0.8	1.1	1.1	1.7	1.4	2.0	2.3
	4H	0.4	1.0	0.8	1.3	1.6	1.4	1.9	1.7	2.2	2.5
	6H	1.3	1.8	1.7	2.2	2.5	1.7	2.2	2.0	2.5	2.8
	8H	2.0	2.5	2.4	2.8	3.2	1.8	2.3	2.2	2.6	3.0
	12H	3.0	3.4	3.4	3.8	4.2	2.1	2.5	2.5	2.9	3.3
8H	4H	0.5	1.0	0.9	1.4	1.7	1.5	1.9	1.9	2.3	2.6
	6H	1.5	1.9	1.9	2.3	2.7	2.1	2.5	2.6	2.9	3.3
	8H	2.3	2.6	2.7	3.0	3.5	2.6	2.9	3.0	3.3	3.8
	12H	3.5	3.8	4.0	4.2	4.7	3.1	3.4	3.6	3.9	4.3
12H	4H	0.6	1.0	1.0	1.4	1.8	1.4	1.9	1.8	2.2	2.6
	6H	1.6	2.0	2.1	2.4	2.8	2.2	2.5	2.6	3.0	3.4
	8H	2.4	2.7	2.9	3.2	3.6	2.8	3.1	3.3	3.5	4.0
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 / - 1.3				
2.0H		+ 0.8 / - 0.6					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 1113 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

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:9.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 75	TYPE: 4000K 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	91	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		

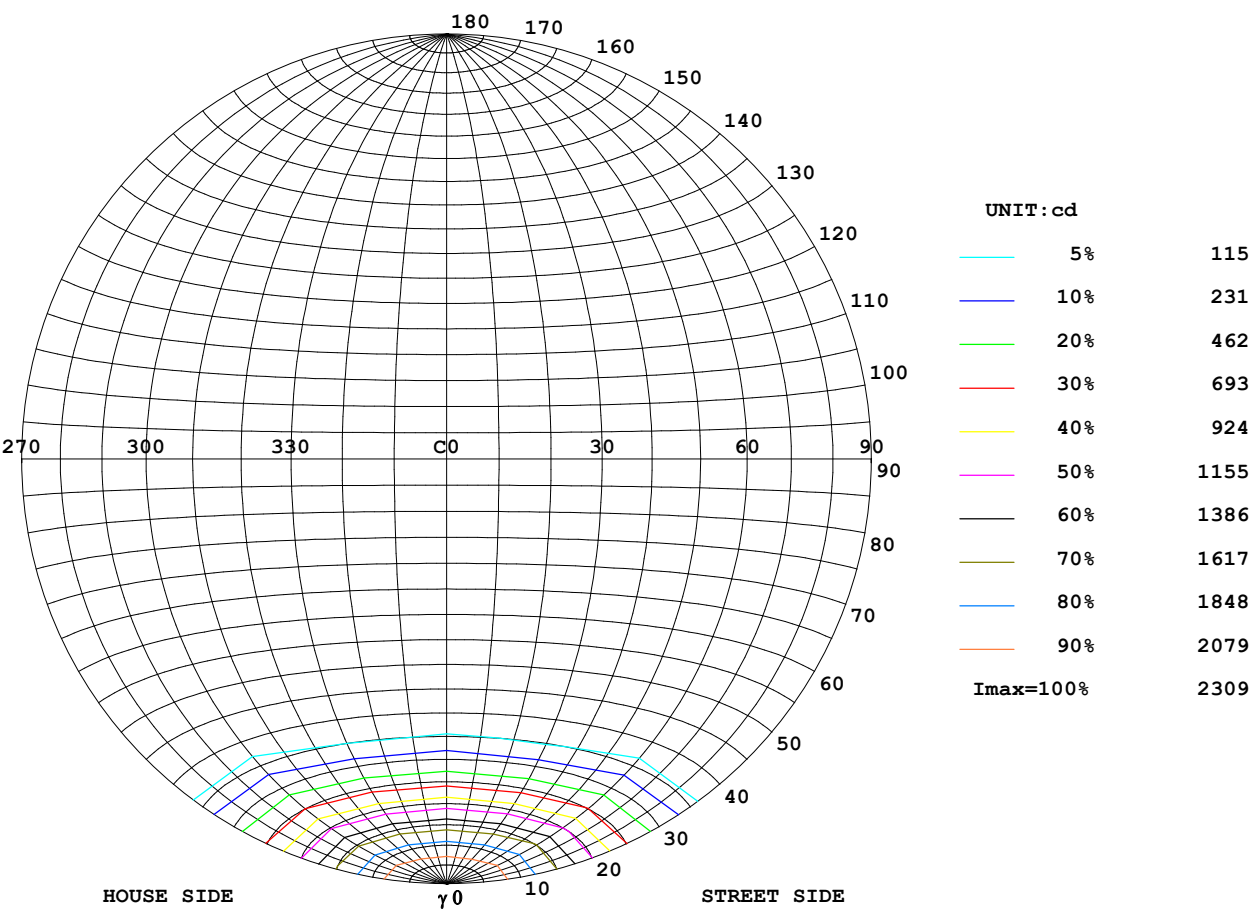
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K 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

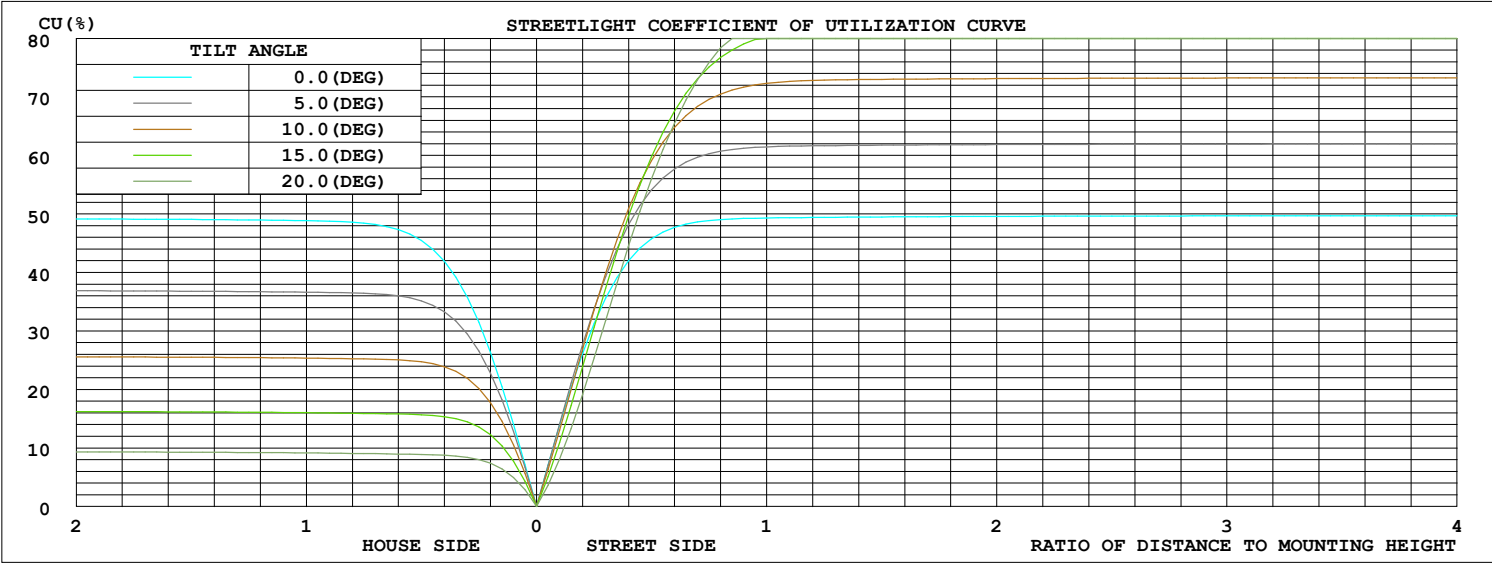
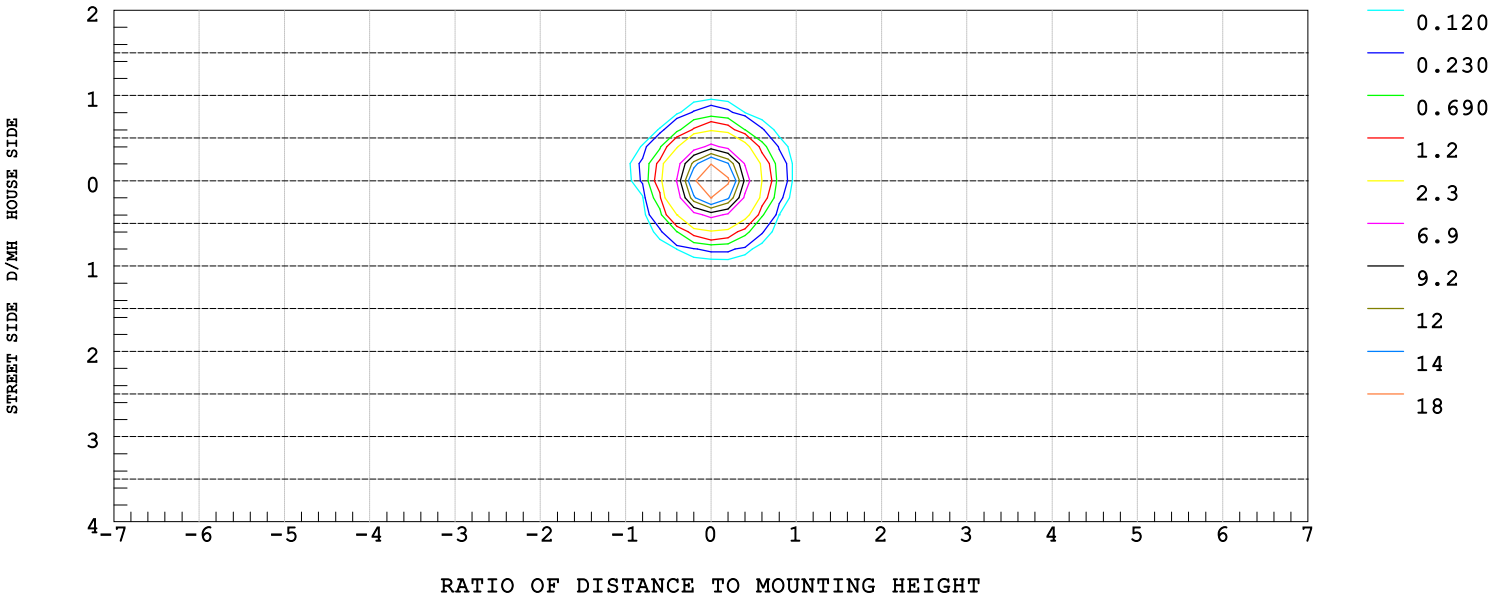
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 23.09 lx



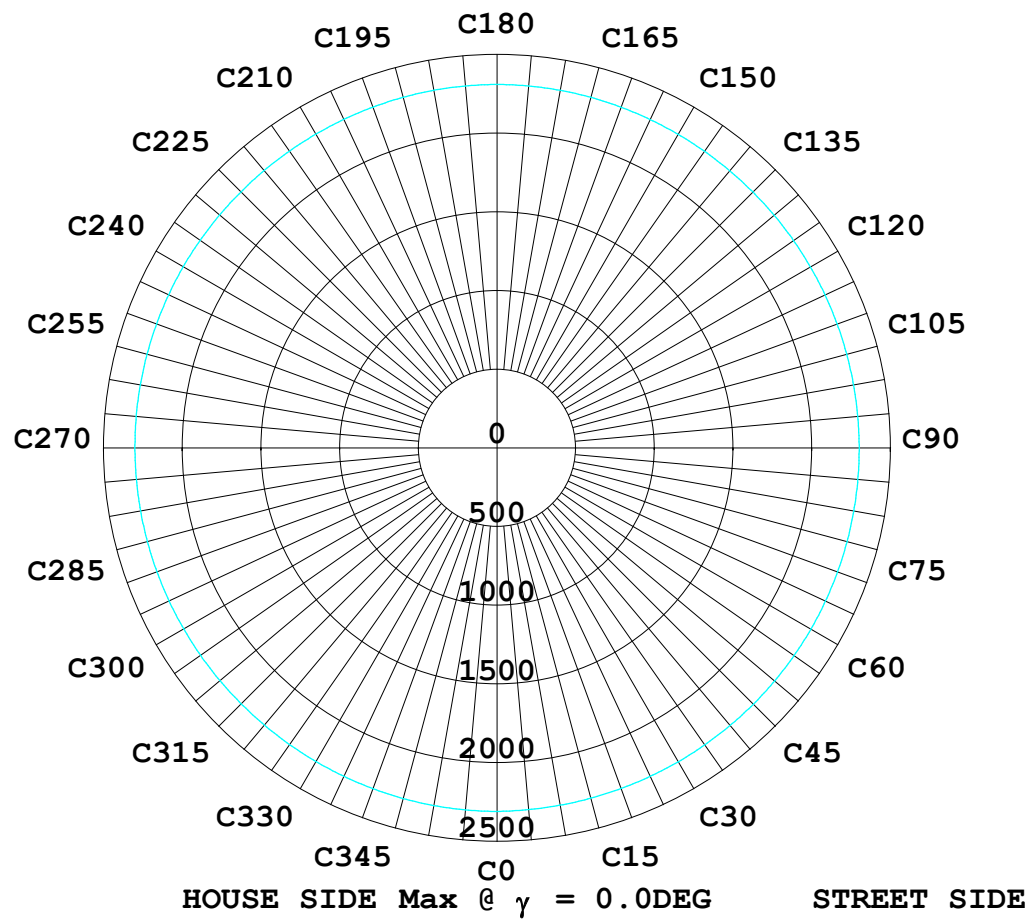
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 4000K 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:9.000 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 75	TYPE: 4000K 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	2309	2303	2303	2301	2300	2301	2309	2303	2303	2301	2300	2301
5.0	2196	2193	2227	2229	2253	2245	2273	2267	2235	2223	2196	2203
10.0	1923	1933	1994	2000	2048	2032	2078	2073	2009	1988	1935	1947
15.0	1515	1534	1623	1626	1704	1670	1715	1717	1620	1591	1528	1546
20.0	1051	1051	1153	1164	1232	1198	1255	1246	1152	1134	1046	1089
25.0	606	604	697	703	778	747	798	792	704	693	615	644
30.0	299	279	351	376	411	385	414	416	377	351	286	315
35.0	124	107	148	141	182	161	180	189	146	154	116	136
40.0	38.5	24.6	48.4	41.4	66.4	52.4	64.2	74.1	48.5	56.3	33.0	46.1
45.0	14.3	3.80	14.6	4.21	16.8	5.58	10.0	19.6	5.18	14.9	3.48	13.8
50.0	11.0	2.67	10.9	2.83	11.6	2.99	4.53	12.0	2.99	11.0	2.59	10.6
55.0	8.91	2.10	8.82	2.18	9.23	2.18	3.72	9.31	2.26	8.82	2.02	8.50
60.0	7.77	2.02	7.45	1.86	7.77	1.94	3.48	7.85	1.94	7.45	1.78	7.29
65.0	6.80	1.86	6.39	1.70	6.56	1.78	3.40	6.80	1.78	6.48	1.70	6.23
70.0	5.99	1.78	5.50	1.53	5.75	1.62	3.24	5.91	1.62	5.67	1.53	5.42
75.0	5.26	1.62	4.94	1.45	5.02	1.45	3.24	5.18	1.53	4.86	1.37	4.69
80.0	4.77	1.62	4.37	1.45	4.45	1.45	3.15	4.53	1.37	4.37	1.29	4.21
85.0	4.37	1.70	3.96	1.45	4.13	1.45	3.24	4.05	1.29	3.88	1.21	3.80
90.0	4.13	2.26	3.80	1.94	3.80	1.86	4.29	3.56	1.70	3.32	1.53	3.32

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%
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