

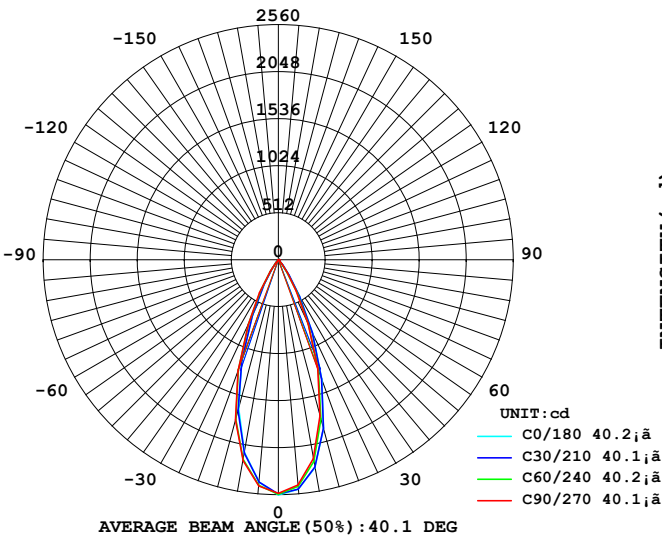
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

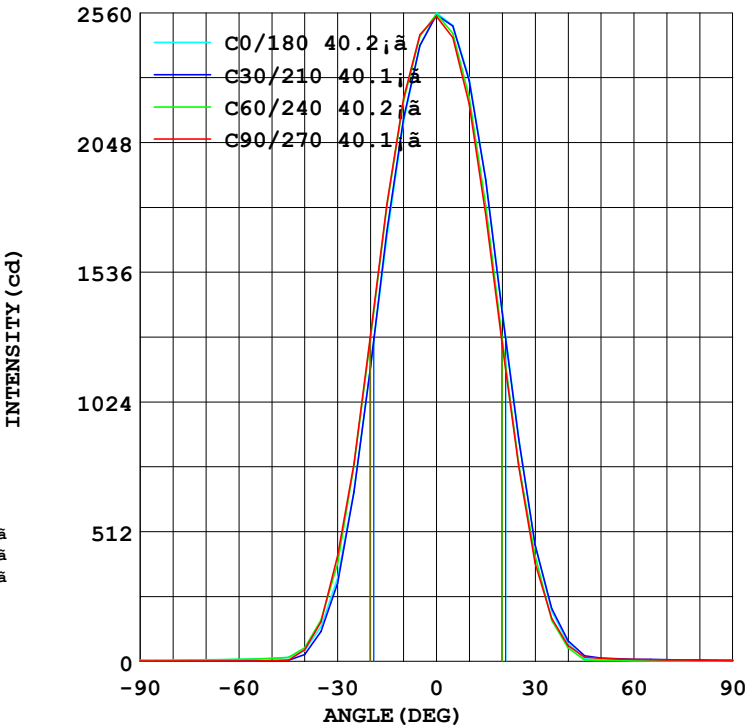
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2560	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)	1232.3	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	103.6	Current (A)	0.056
NOMINAL FLUX (lm)	1232.4	η up (%)	0.0	Power (W)	11.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.961
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	1138.9	EEI	0.139

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:9.500 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 75	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

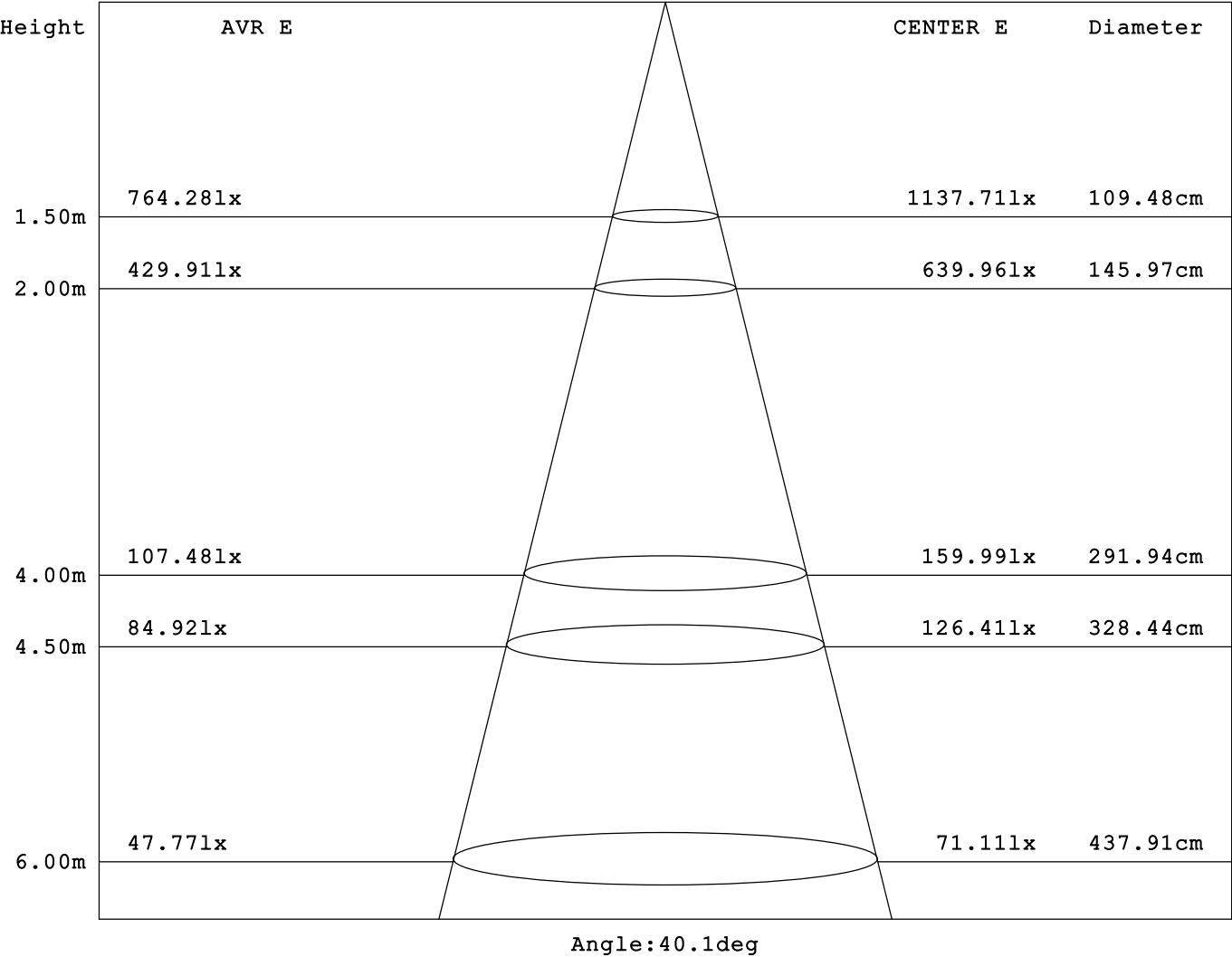
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Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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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: 5700K 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:9.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K 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	2129	2176	2222	2258	2302	2261	2200	2150	0- 10	227.3	227.3
20.0	1163	1220	1291	1347	1391	1328	1255	1184	10- 20	489.7	717.1
30.0	329.5	347.8	417.8	440.7	460.1	439.0	388.5	333.2	20- 30	362.1	1079
40.0	42.41	40.34	46.02	65.79	71.02	67.82	62.36	43.72	30- 40	118.6	1198
50.0	12.18	7.626	3.158	8.167	5.054	8.303	12.27	7.265	40- 50	16.27	1214
60.0	8.483	5.279	1.985	5.369	3.700	5.460	8.303	5.008	50- 60	5.808	1220
70.0	6.588	4.016	1.714	4.016	3.610	4.151	6.227	3.790	60- 70	4.715	1225
80.0	5.234	3.339	1.534	3.339	3.519	3.294	4.873	3.023	70- 80	3.993	1229
90.0	4.602	3.429	2.166	3.068	4.783	2.888	3.700	2.707	80- 90	3.583	1232
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

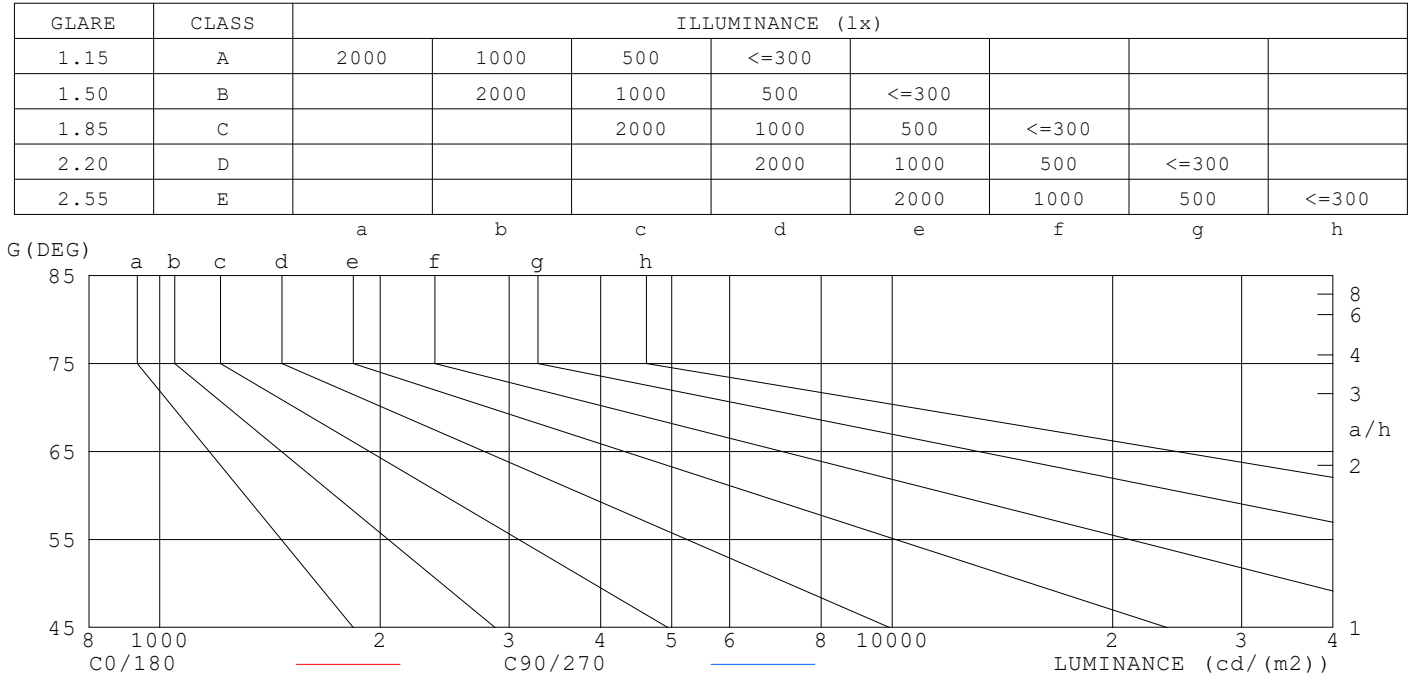
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	559	176
80	301	88
75	223	63
70	193	50
65	175	45
60	170	40
55	173	41
50	190	49
45	225	66

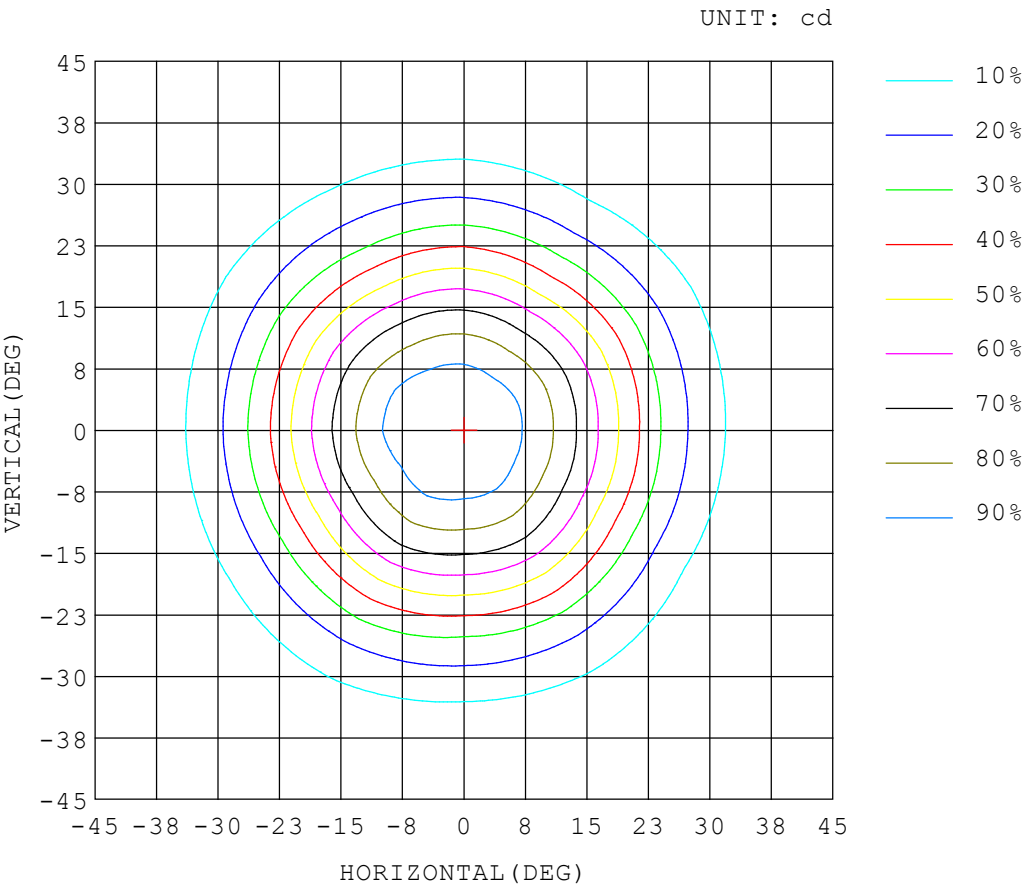
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:



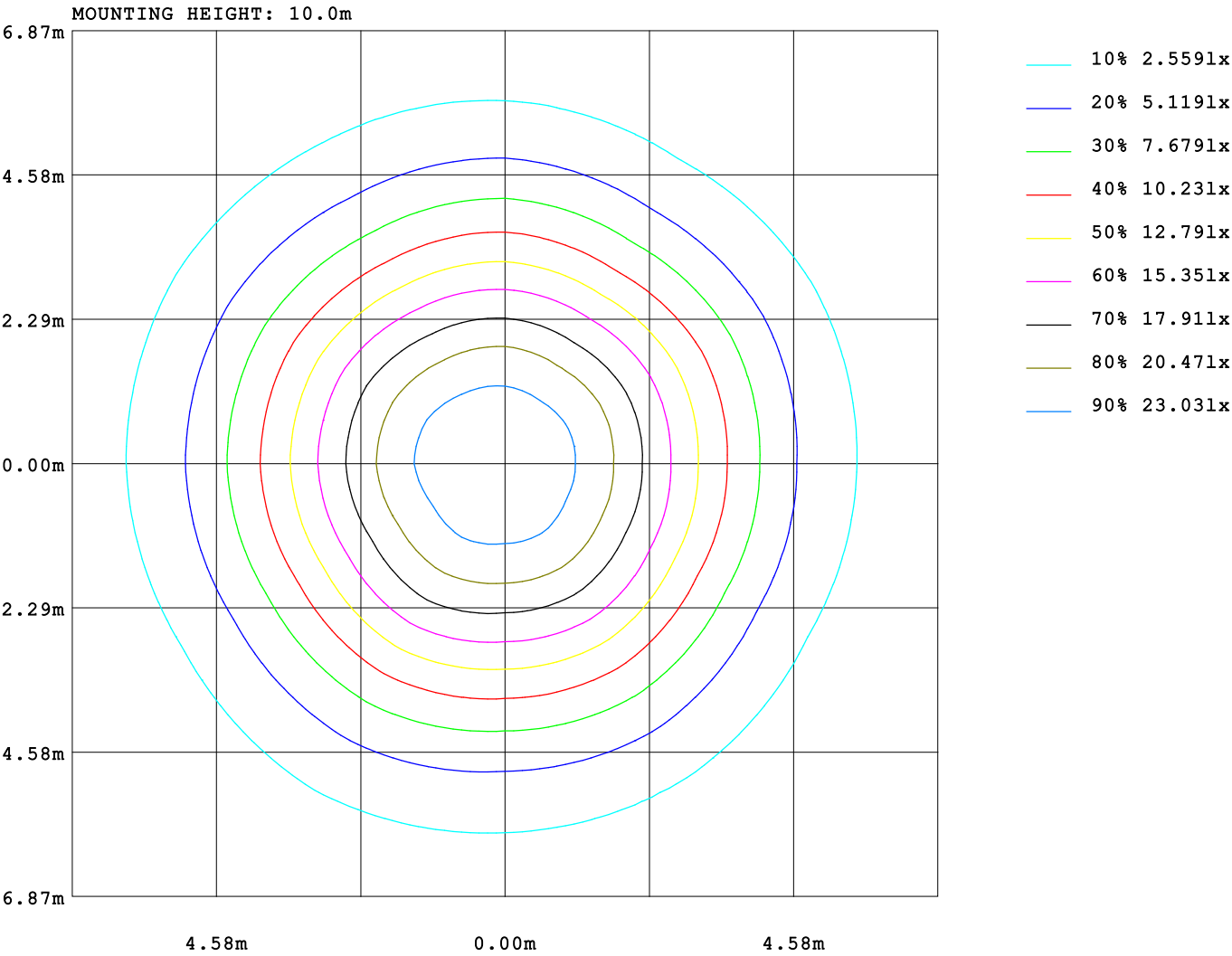
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K 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:9.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

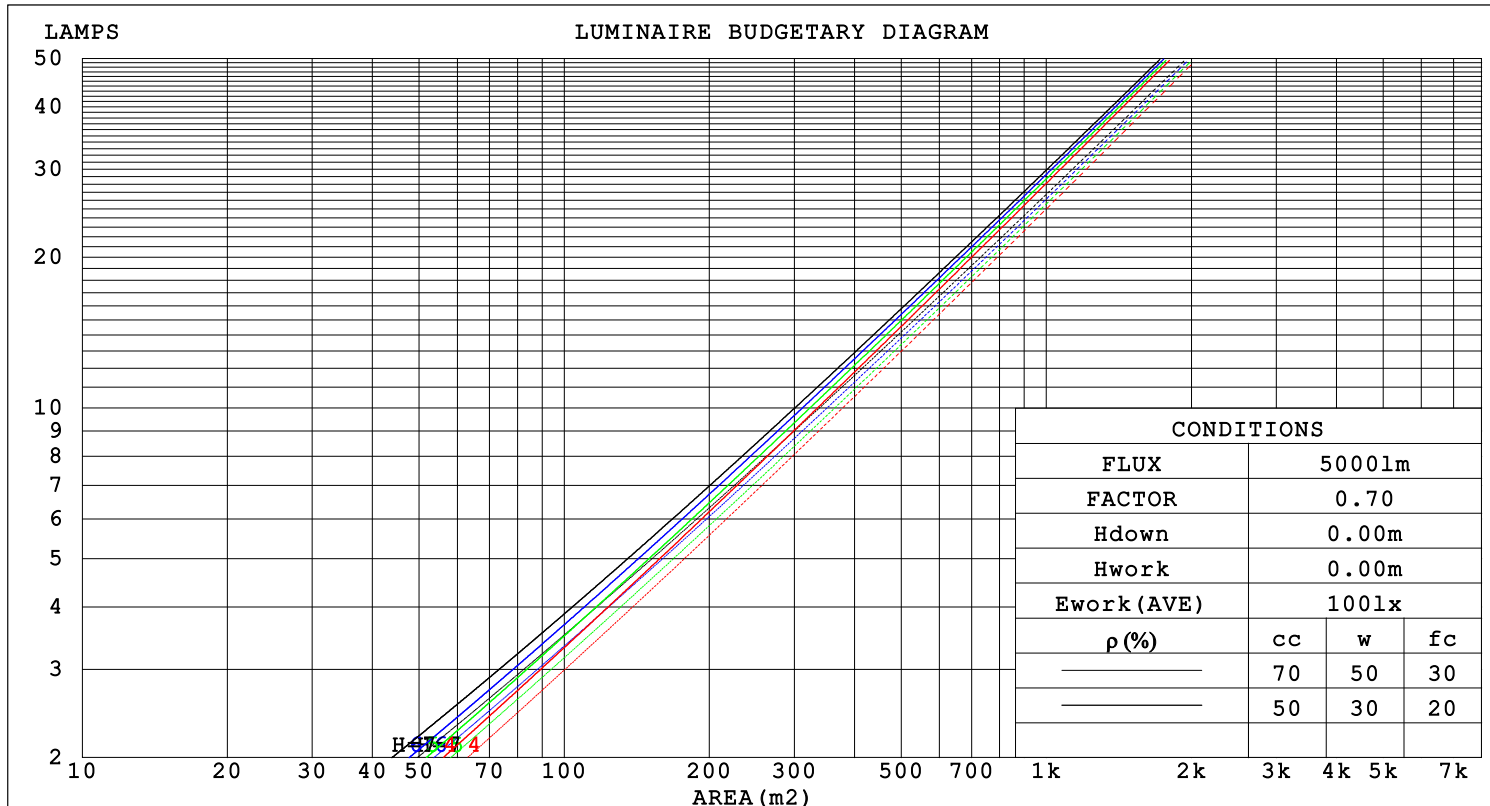
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.05	0.05	0.05	0.04	0.04	0.08	0.16	0.23	0.29	0.28	0.21	0.13	0.06	0.03	0.04	0.04	0.04	0.04	1.85	0.00		
45	0.06	0.06	0.07	0.10	0.21	0.36	0.57	0.75	0.86	0.83	0.68	0.47	0.26	0.14	0.07	0.06	0.05	0.05	5.63	0.00		
40	0.07	0.09	0.15	0.34	0.63	0.98	1.45	1.87	2.09	2.02	1.67	1.21	0.76	0.45	0.23	0.10	0.07	0.06	14.2	5.09		
35	0.08	0.15	0.38	0.79	1.38	2.24	3.15	3.92	4.34	4.21	3.53	2.57	1.71	1.04	0.55	0.24	0.10	0.07	30.5	24.5		
30	0.09	0.28	0.72	1.44	2.62	4.10	5.55	6.84	7.59	7.42	6.36	4.83	3.31	1.99	1.05	0.48	0.18	0.08	55.0	50.4		
25	0.12	0.44	1.11	2.34	4.18	6.40	8.59	10.3	11.3	11.1	9.69	7.68	5.43	3.32	1.74	0.78	0.28	0.10	85.0	81.4		
20	0.17	0.60	1.52	3.22	5.84	8.85	11.6	13.8	14.9	14.6	13.0	10.6	7.68	4.73	2.44	1.08	0.39	0.13	116	112		
15	0.21	0.74	1.88	4.00	7.13	10.7	14.2	16.5	17.6	17.3	15.6	12.9	9.39	5.82	3.04	1.35	0.49	0.15	139	136		
10	0.23	0.81	2.09	4.46	7.86	11.7	15.4	17.9	19.0	18.7	17.0	14.0	10.2	6.39	3.35	1.48	0.54	0.16	152	149		
5	0.22	0.80	2.06	4.41	7.79	11.6	15.2	17.8	19.0	18.7	17.0	13.9	10.1	6.33	3.30	1.45	0.52	0.16	151	148		
0	0.18	0.69	1.80	3.88	6.92	10.4	13.9	16.5	17.8	17.5	15.9	12.8	9.20	5.65	2.91	1.26	0.44	0.13	138	135		
-5	0.13	0.53	1.39	3.04	5.55	8.64	11.8	14.3	15.3	15.0	13.6	10.8	7.55	4.47	2.24	0.96	0.32	0.09	116	113		
-10	0.07	0.34	0.95	2.14	4.04	6.48	9.02	10.9	11.7	11.5	10.4	8.24	5.56	3.19	1.53	0.62	0.19	0.06	87.1	83.7		
-15	0.03	0.18	0.57	1.33	2.60	4.28	6.05	7.30	7.87	7.72	6.87	5.41	3.60	2.02	0.94	0.34	0.09	0.04	57.2	53.5		
-20	0.02	0.06	0.29	0.75	1.45	2.45	3.45	4.21	4.56	4.45	3.91	3.02	2.01	1.11	0.50	0.16	0.04	0.02	32.5	27.7		
-25	0.02	0.04	0.11	0.34	0.71	1.19	1.64	2.01	2.18	2.12	1.84	1.41	0.95	0.52	0.22	0.08	0.03	0.02	15.4	6.47		
-30	0.02	0.04	0.06	0.12	0.28	0.47	0.64	0.76	0.79	0.76	0.68	0.53	0.36	0.21	0.10	0.05	0.03	0.02	5.93	0.00		
-35	0.02	0.03	0.05	0.08	0.11	0.15	0.19	0.21	0.21	0.20	0.19	0.16	0.12	0.10	0.07	0.05	0.03	0.02	1.98	0.00		
-40	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45	
-45	Φ t	1.80	5.92	15.2	32.8	59.4	91.4	123	146	158	155	138	111	78.4	47.5	24.3	10.6	3.85	1.40	1232		
	Φ a	0.00	0.00	7.60	27.8	55.1	87.6	119	143	154	152	135	107	74.3	42.9	18.6	2.22	0.00	0.00		1139	

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:9.500 m
Remarks: 5700K

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	.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 Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 75								TYPE: 5700K 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:9.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 75					TYPE: 5700K 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		-0.1	0.7	0.1	0.8	1.0	1.3	2.1	1.6	2.3	2.5
	3H	0.3	1.0	0.5	1.2	1.4	1.4	2.1	1.6	2.3	2.5
	4H	0.7	1.4	1.0	1.6	1.8	1.4	2.1	1.7	2.3	2.5
	6H	1.4	2.1	1.7	2.3	2.6	1.5	2.1	1.8	2.4	2.6
	8H	1.9	2.6	2.3	2.8	3.1	1.5	2.2	1.8	2.4	2.7
	12H	2.7	3.3	3.0	3.6	3.8	1.6	2.2	1.9	2.5	2.8
4H	2H	-0.2	0.5	0.1	0.7	0.9	1.2	1.9	1.5	2.1	2.3
	3H	0.2	0.8	0.5	1.1	1.4	1.5	2.1	1.8	2.3	2.6
	4H	0.7	1.3	1.1	1.6	1.9	1.7	2.3	2.1	2.6	2.9
	6H	1.6	2.1	2.0	2.5	2.8	2.0	2.5	2.4	2.8	3.2
	8H	2.3	2.8	2.7	3.2	3.5	2.1	2.6	2.5	3.0	3.3
	12H	3.4	3.8	3.8	4.2	4.5	2.4	2.8	2.8	3.2	3.6
8H	4H	0.9	1.3	1.2	1.7	2.0	1.8	2.3	2.2	2.6	3.0
	6H	1.8	2.2	2.2	2.6	3.0	2.5	2.9	2.9	3.3	3.7
	8H	2.6	2.9	3.0	3.4	3.8	2.9	3.2	3.4	3.7	4.1
	12H	3.9	4.1	4.3	4.6	5.1	3.5	3.8	3.9	4.2	4.7
12H	4H	0.9	1.4	1.3	1.7	2.1	1.8	2.2	2.2	2.6	3.0
	6H	1.9	2.3	2.4	2.7	3.1	2.5	2.9	3.0	3.3	3.7
	8H	2.8	3.0	3.2	3.5	4.0	3.1	3.4	3.6	3.9	4.3
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 / - 0.5					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 1232 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.7)

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:9.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ELLIS 75	TYPE: 5700K 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		

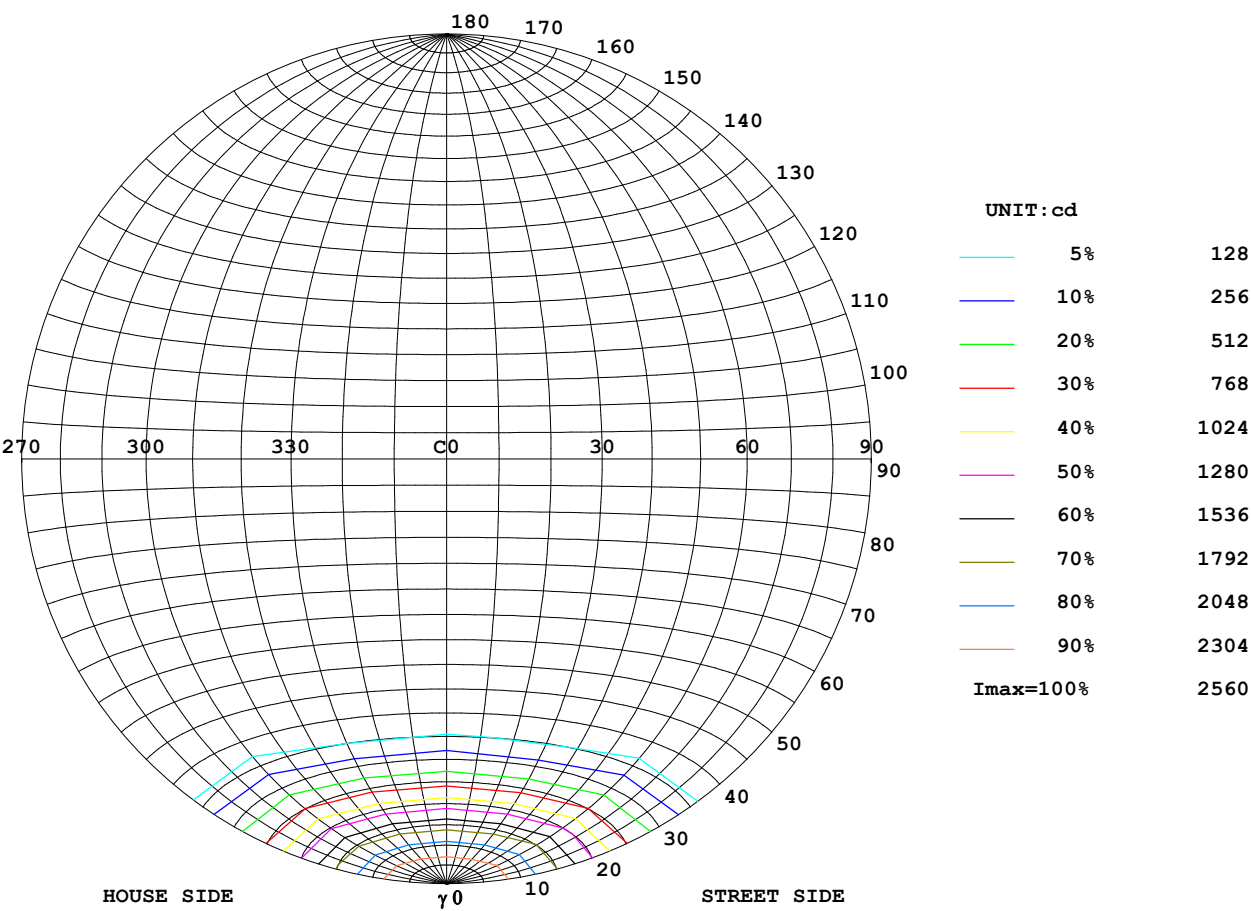
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K 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

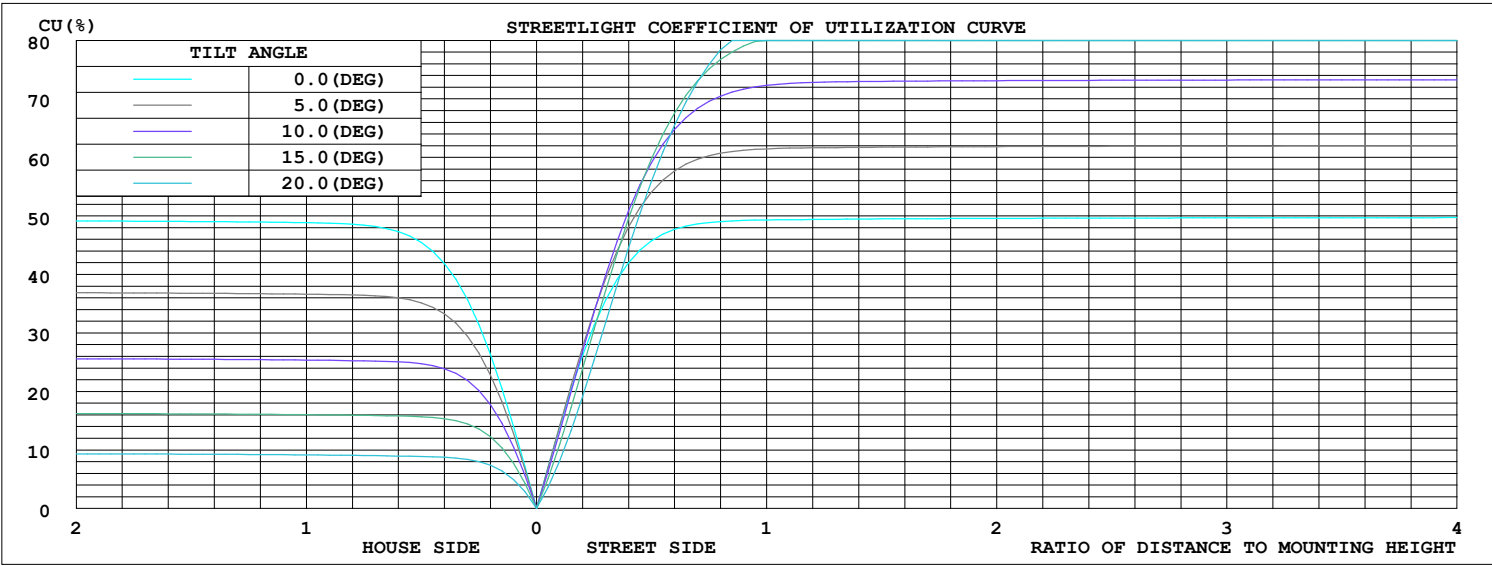
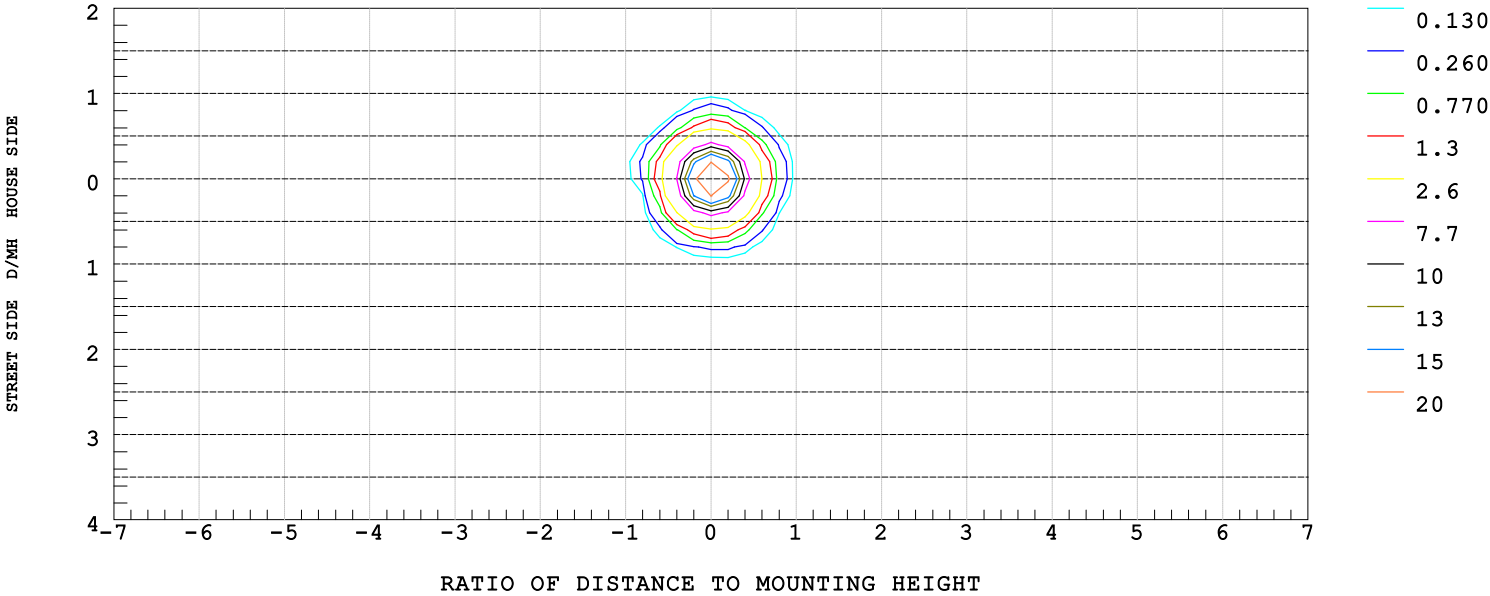
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUT-75 H-85 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 25.60 lx



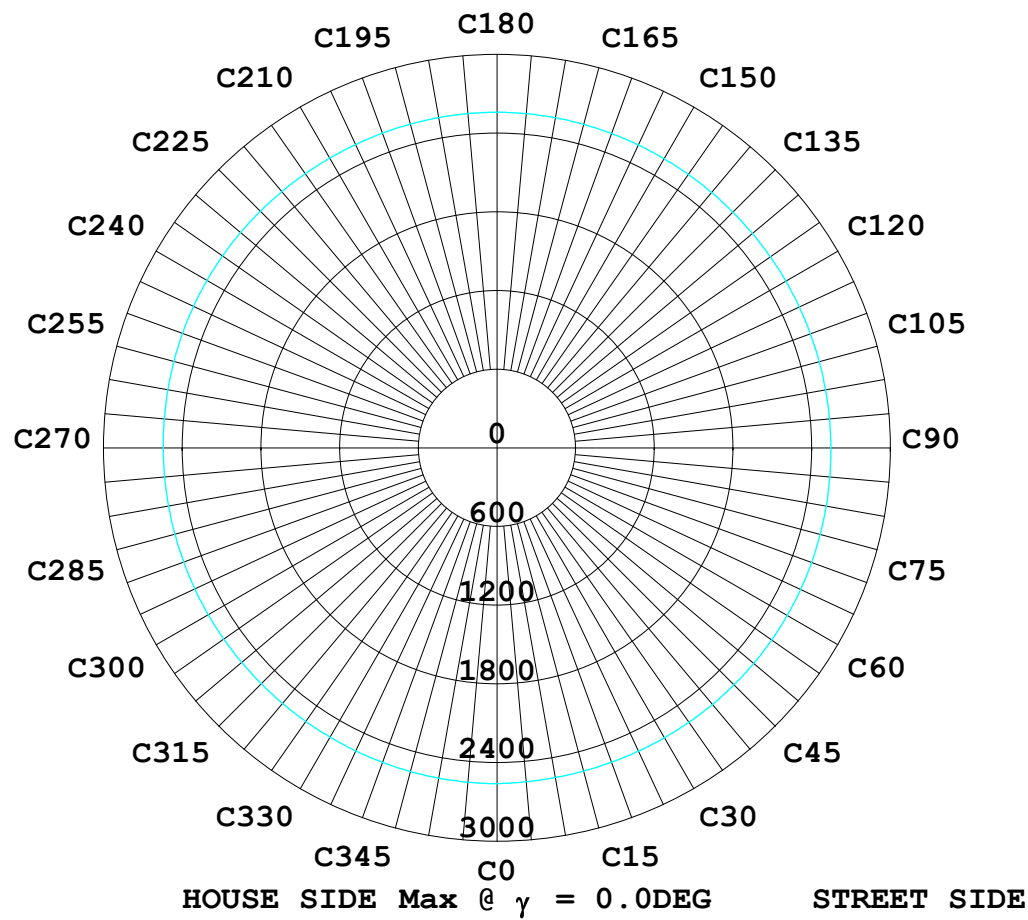
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 75	TYPE: 5700K 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:9.500 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 75	TYPE: 5700K 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	2560	2552	2555	2546	2543	2547	2560	2552	2555	2546	2543	2547
5.0	2431	2430	2467	2473	2492	2484	2510	2507	2478	2462	2436	2439
10.0	2129	2143	2210	2222	2268	2249	2302	2293	2229	2200	2146	2154
15.0	1676	1699	1798	1806	1889	1848	1902	1898	1798	1761	1696	1712
20.0	1163	1164	1276	1291	1368	1326	1391	1379	1277	1255	1162	1206
25.0	670	669	772	780	863	827	883	876	779	769	683	712
30.0	330	308	387	418	456	426	460	461	417	389	317	349
35.0	137	118	163	156	202	178	199	209	162	170	128	150
40.0	42.4	27.1	53.5	46.0	73.6	57.9	71.0	82.0	53.6	62.3	36.4	50.9
45.0	15.8	4.24	16.2	4.69	18.6	6.22	11.1	21.8	5.77	16.4	3.88	15.4
50.0	12.1	3.06	12.1	3.15	12.9	3.33	5.05	13.3	3.24	12.2	2.79	11.7
55.0	9.92	2.43	9.74	2.34	10.1	2.43	4.15	10.5	2.52	9.83	2.25	9.38
60.0	8.48	2.25	8.30	1.98	8.57	2.16	3.70	8.75	2.16	8.30	1.98	8.03
65.0	7.40	2.07	7.03	1.89	7.31	1.89	3.70	7.58	1.98	7.03	1.89	6.94
70.0	6.58	1.89	6.13	1.71	6.31	1.71	3.61	6.49	1.80	6.22	1.62	5.95
75.0	5.77	1.80	5.50	1.62	5.59	1.62	3.51	5.68	1.71	5.41	1.53	5.23
80.0	5.23	1.80	4.87	1.53	5.05	1.62	3.51	5.05	1.53	4.87	1.35	4.69
85.0	4.87	1.89	4.42	1.53	4.60	1.62	3.61	4.51	1.53	4.33	1.35	4.24
90.0	4.60	2.61	4.24	2.16	4.15	1.98	4.78	3.97	1.80	3.70	1.71	3.70

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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