

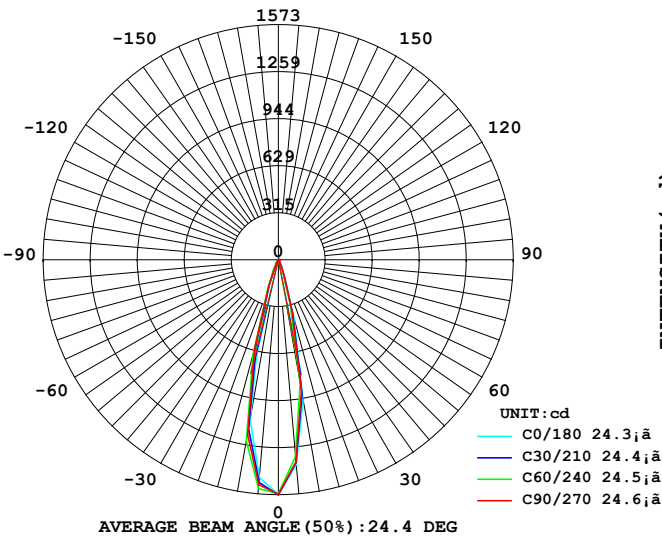
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

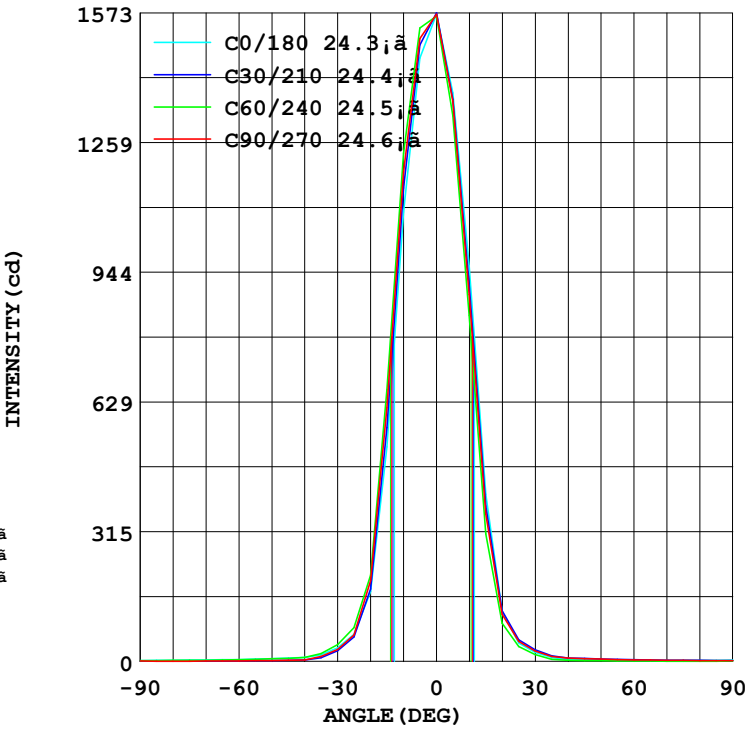
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1573	S/MH (C0/180)	0.40
MODEL	ELLIS 45	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.42
NOMINAL POWER (W)	6	TOTAL FLUX (lm)	317.84	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	54.3	Current (A)	0.027
NOMINAL FLUX (lm)	317.8	η up (%)	0.0	Power (W)	5.850
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	264.0	EEI	0.215

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:9.000 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 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

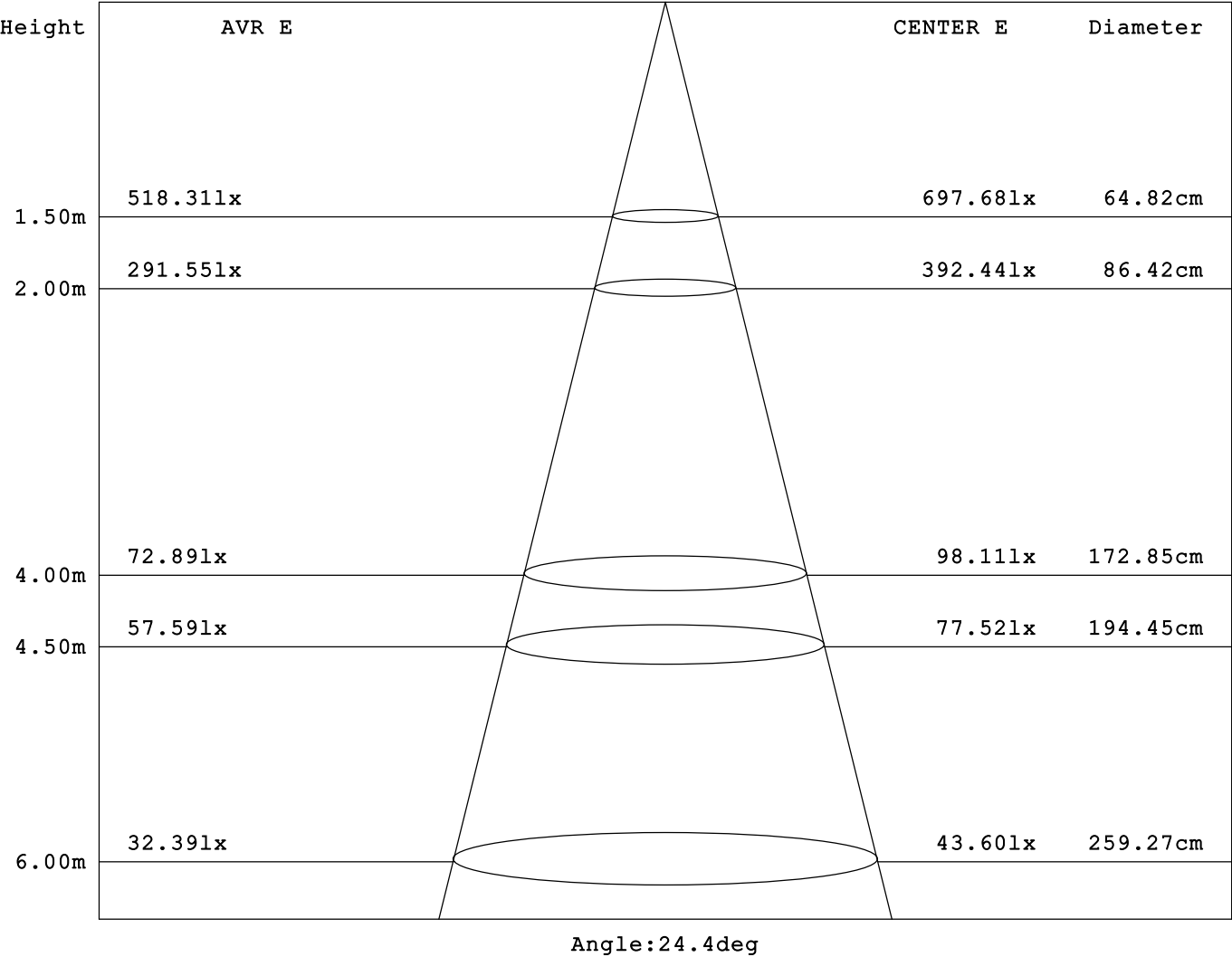
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 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:9.000 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1090	1191	1187	1058	959.8	877.2	889.7	979.1	0- 10	123.4	123.4
20.0	169.5	192.2	196.0	158.9	121.4	107.8	114.6	131.7	10- 20	140.5	264.0
30.0	33.20	33.37	29.16	30.29	22.43	22.35	25.43	23.69	20- 30	32.02	296.0
40.0	9.396	6.642	3.726	6.277	4.212	5.548	8.019	5.346	30- 40	8.842	304.8
50.0	6.561	4.333	2.106	4.131	3.240	3.847	5.508	3.645	40- 50	3.859	308.7
60.0	4.617	2.794	1.134	2.551	2.592	2.551	3.807	2.389	50- 60	3.032	311.7
70.0	3.645	2.065	0.810	1.903	2.349	1.903	2.835	1.822	60- 70	2.363	314.1
80.0	2.835	1.701	0.648	1.458	2.349	1.498	2.187	1.377	70- 80	1.978	316.1
90.0	2.268	1.539	0.810	1.296	3.159	1.336	1.782	1.215	80- 90	1.726	317.8
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:9.000 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 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	297	74
80	163	37
75	122	28
70	107	24
65	94	23
60	92	23
55	97	30
50	102	33
45	110	36

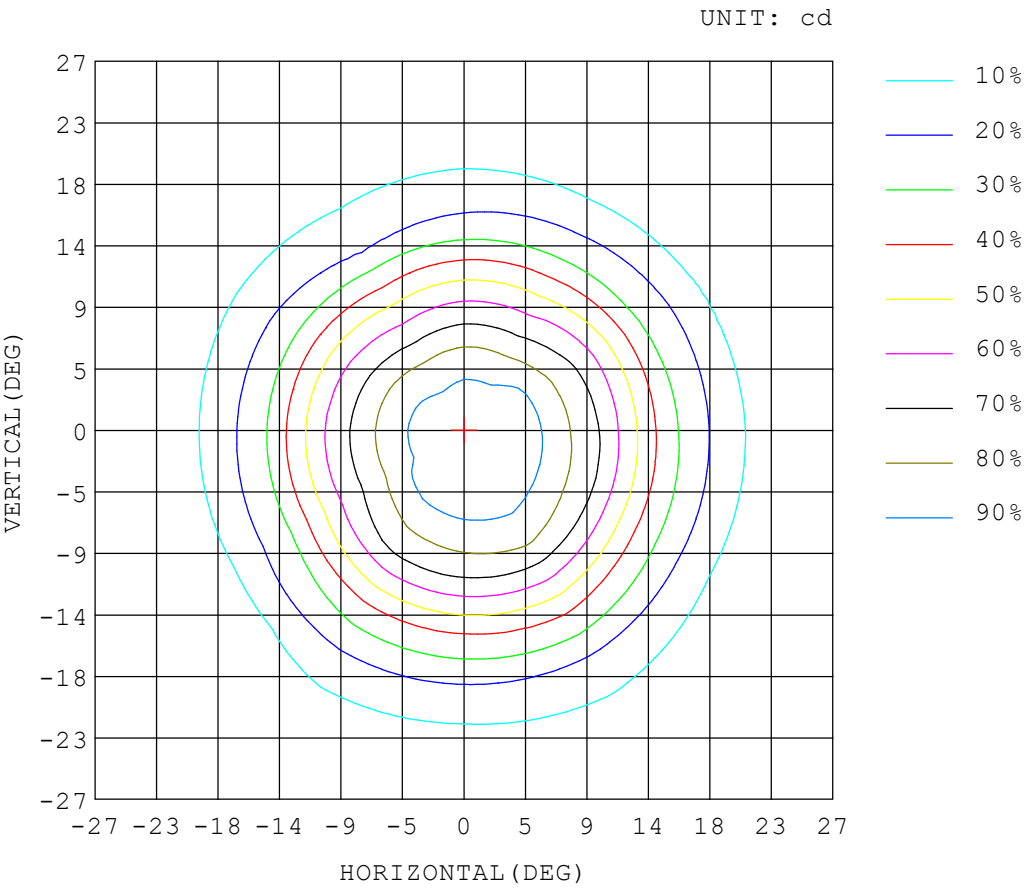
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:



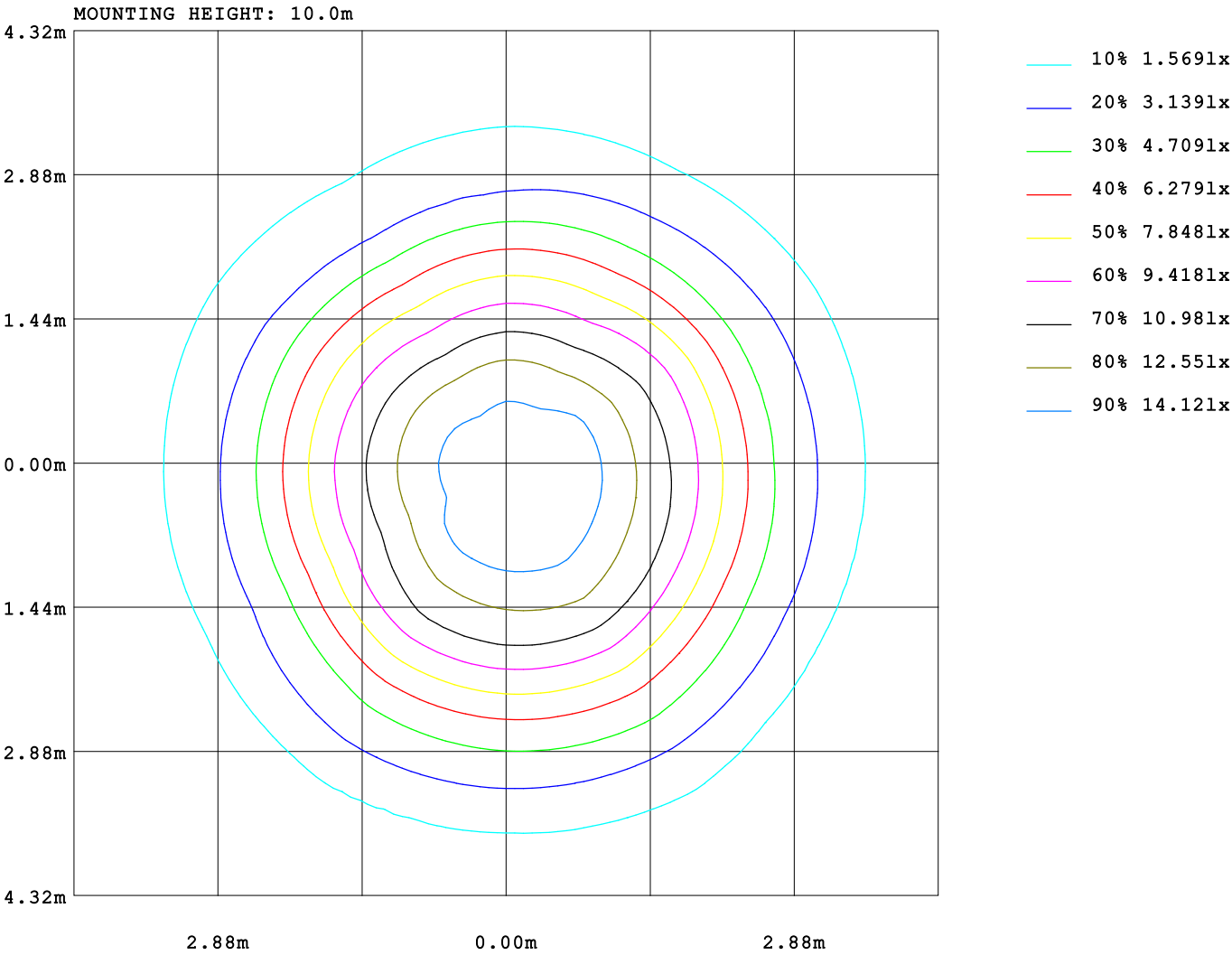
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 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:9.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: ELLIS 45

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-52 CUT-45 H-72 MM

SERIAL No.:

27	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.03	0.03	0.04	0.05	0.06	0.08	0.10	0.11	0.13	0.13	0.11	0.10	0.08	0.06	0.05	0.04	0.03	0.03	1.26	0.00	
24	0.04	0.05	0.06	0.08	0.09	0.11	0.15	0.19	0.22	0.22	0.20	0.17	0.13	0.10	0.08	0.07	0.05	0.04	2.03	0.00	
21	0.05	0.07	0.09	0.11	0.15	0.19	0.25	0.32	0.38	0.39	0.34	0.27	0.22	0.17	0.13	0.10	0.08	0.06	3.35	0.48	
18	0.07	0.09	0.12	0.18	0.24	0.33	0.49	0.64	0.75	0.78	0.73	0.59	0.40	0.28	0.21	0.14	0.11	0.08	6.25	4.20	
15	0.08	0.12	0.18	0.26	0.42	0.63	0.83	1.12	1.35	1.41	1.28	1.05	0.81	0.52	0.32	0.22	0.14	0.10	10.8	9.12	
12	0.10	0.14	0.24	0.40	0.69	1.01	1.48	1.90	2.21	2.26	2.07	1.73	1.27	0.88	0.50	0.30	0.18	0.12	17.5	16.0	
9	0.10	0.17	0.29	0.58	0.97	1.59	2.20	2.64	2.98	3.04	2.82	2.47	1.88	1.22	0.74	0.38	0.23	0.13	24.4	23.2	
VERTICAL (DEG)	0.11	0.20	0.35	0.73	1.26	2.07	2.77	3.31	3.65	3.72	3.50	3.07	2.40	1.55	0.94	0.47	0.27	0.15	30.5	29.5	
	0.11	0.21	0.40	0.82	1.47	2.35	3.10	3.72	4.02	4.07	3.91	3.39	2.70	1.78	1.06	0.53	0.29	0.16	34.1	33.0	
	0.11	0.21	0.40	0.84	1.50	2.40	3.14	3.76	4.11	4.22	4.02	3.47	2.77	1.83	1.09	0.54	0.29	0.16	34.9	33.9	
	0.10	0.20	0.36	0.78	1.35	2.20	2.96	3.61	4.04	4.14	3.89	3.36	2.60	1.70	1.01	0.49	0.27	0.15	33.2	32.2	
	0.10	0.17	0.29	0.63	1.10	1.85	2.67	3.30	3.61	3.70	3.54	3.02	2.22	1.43	0.84	0.41	0.23	0.13	29.2	28.1	
-9	0.08	0.13	0.24	0.44	0.89	1.42	2.11	2.68	3.00	3.07	2.88	2.39	1.72	1.12	0.59	0.33	0.18	0.11	23.4	22.2	
-12	0.07	0.11	0.19	0.32	0.60	1.03	1.47	1.84	2.09	2.15	2.00	1.68	1.22	0.74	0.41	0.25	0.14	0.09	16.4	15.0	
-15	0.06	0.09	0.14	0.25	0.39	0.62	0.92	1.16	1.30	1.33	1.24	1.02	0.70	0.45	0.30	0.17	0.11	0.07	10.3	8.73	
-18	0.05	0.08	0.11	0.16	0.26	0.38	0.47	0.58	0.66	0.67	0.61	0.51	0.42	0.30	0.19	0.14	0.09	0.06	5.74	3.63	
-21	0.04	0.06	0.09	0.13	0.17	0.22	0.28	0.33	0.35	0.36	0.34	0.30	0.24	0.19	0.15	0.10	0.07	0.04	3.45	0.05	
-24	0.03	0.05	0.07	0.09	0.12	0.14	0.16	0.17	0.18	0.18	0.18	0.17	0.16	0.14	0.10	0.08	0.05	0.03	2.09	0.00	
-27	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27	
Φ t	1.33	2.18	3.67	6.85	11.7	18.6	25.5	31.4	35.0	35.8	33.7	28.8	21.9	14.5	8.74	4.76	2.81	1.68	318		
Φ a	0.00	0.00	0.66	4.80	10.1	17.4	24.4	30.3	33.9	34.8	32.6	27.7	20.7	13.0	6.87	2.04	0.00	0.00		264	

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

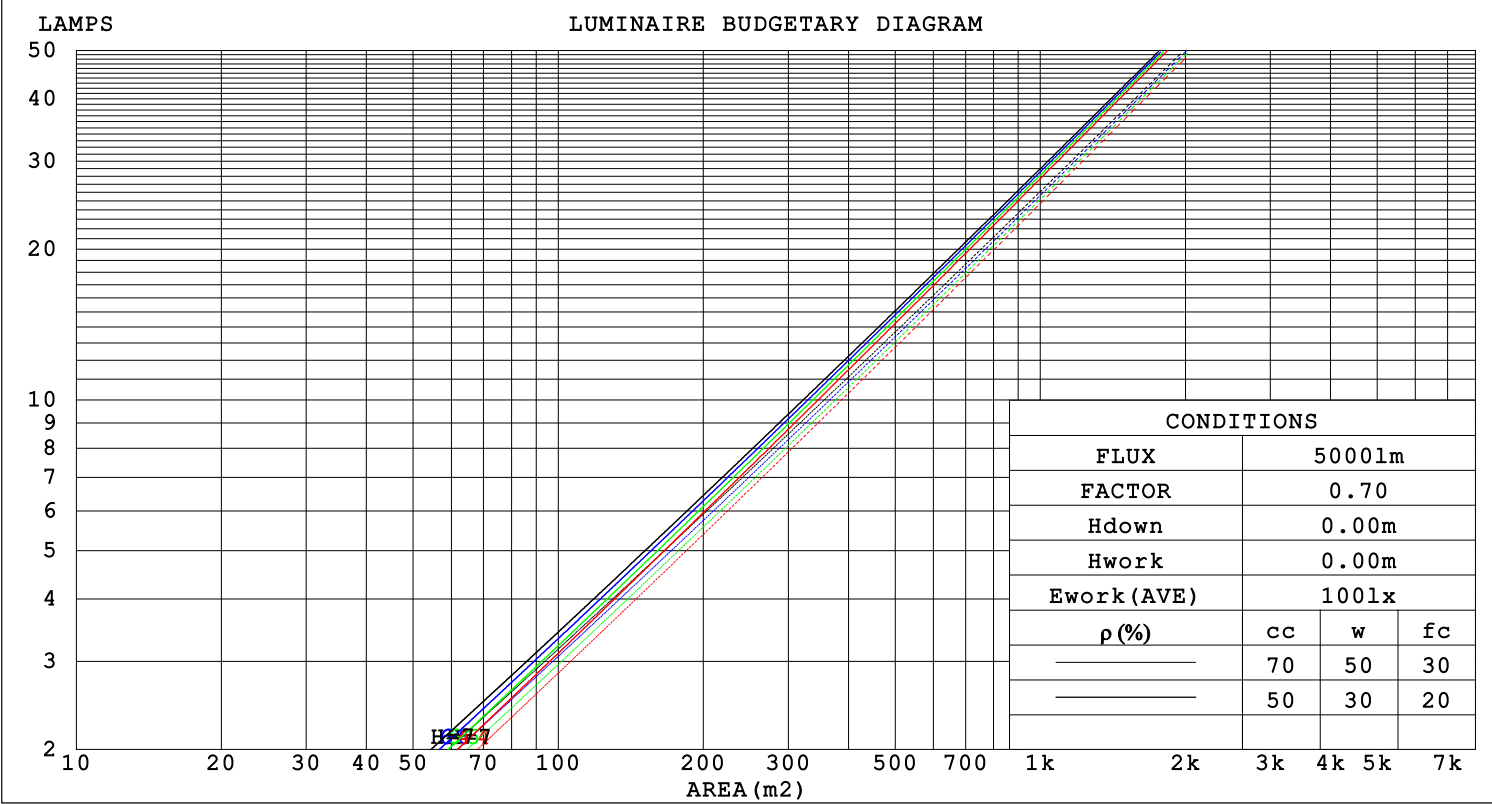
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 45								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-52 CUT-45 H-72 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	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.07	1.04	1.01	1.05	1.03	1.00	1.02	1.00	.98	.99	.98	.96	.97	.95	.94	.93
3.0	1.03	.99	.96	1.01	.98	.95	.99	.96	.94	.96	.94	.92	.94	.92	.91	.90
4.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.94	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.88	.94	.90	.88	.93	.89	.87	.91	.88	.86	.90	.87	.85	.84
6.0	.92	.88	.85	.91	.87	.85	.90	.87	.84	.89	.86	.84	.88	.85	.83	.82
7.0	.89	.85	.82	.89	.85	.82	.88	.84	.82	.87	.84	.81	.86	.83	.81	.80
8.0	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.84	.81	.79	.78
9.0	.84	.80	.78	.84	.80	.78	.83	.80	.77	.83	.79	.77	.82	.79	.77	.76
10.0	.82	.78	.76	.82	.78	.76	.81	.78	.76	.81	.78	.75	.80	.77	.75	.74



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:9.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 45								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-52 CUT-45 H-72 MM				SERIAL No.:			

ρ_{cc}	80%			70%			50%			30%			10%			0														
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
ρ_{fc}	20%			20%			20%			20%			20%			0														
RCR	RCR:Room Cavity Ratio															Wall Exitance Coefficients(WEC)														
0.0																														
1.0	.145	.083	.026	.138	.079	.025	.126	.072	.023	.115	.066	.021	.104	.060	.019															
2.0	.132	.072	.022	.126	.070	.021	.116	.065	.020	.107	.060	.019	.098	.055	.017															
3.0	.121	.065	.019	.117	.063	.019	.108	.059	.018	.100	.055	.017	.093	.052	.016															
4.0	.113	.059	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015	.089	.048	.015															
5.0	.105	.054	.016	.102	.052	.015	.096	.050	.015	.090	.048	.014	.085	.045	.014															
6.0	.099	.050	.014	.096	.049	.014	.091	.047	.014	.086	.045	.013	.081	.043	.013															
7.0	.093	.046	.013	.091	.045	.013	.086	.044	.013	.082	.042	.012	.078	.041	.012															
8.0	.089	.043	.012	.087	.043	.012	.083	.041	.012	.079	.040	.012	.075	.039	.011															
9.0	.084	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011															
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.010	.073	.036	.010	.070	.035	.010															

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.151	.133	.117	.129	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.014	
3.0	.136	.113	.095	.116	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.089	.065	.048	.061	.046	.034	.036	.027	.020	.011	.009	.007	
7.0	.096	.067	.048	.082	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
8.0	.089	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005	
9.0	.083	.055	.036	.072	.048	.031	.050	.033	.022	.029	.020	.013	.009	.006	.004	
10.0	.078	.050	.031	.067	.043	.027	.047	.031	.019	.027	.018	.012	.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:9.000 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 45					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-52 CUT-45 H-72 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	-5.7	-5.0	-5.5	-4.9	-4.7	-5.3	-4.7	-5.1	-4.5	-4.4
	3H	-3.4	-2.8	-3.2	-2.6	-2.4	-4.4	-3.8	-4.1	-3.6	-3.4
	4H	-2.0	-1.4	-1.7	-1.2	-1.0	-3.9	-3.3	-3.6	-3.1	-2.9
	6H	-0.3	0.3	-0.0	0.5	0.7	-3.4	-2.8	-3.1	-2.6	-2.4
	8H	0.7	1.2	1.0	1.5	1.7	-3.1	-2.6	-2.8	-2.4	-2.1
	12H	1.8	2.4	2.1	2.6	2.9	-2.8	-2.2	-2.5	-2.0	-1.7
4H	2H	-5.2	-4.6	-4.9	-4.4	-4.2	-4.8	-4.2	-4.5	-4.0	-3.8
	3H	-3.1	-2.5	-2.8	-2.3	-2.0	-3.0	-2.5	-2.7	-2.3	-2.0
	4H	-1.6	-1.1	-1.3	-0.8	-0.5	-2.0	-1.6	-1.7	-1.3	-1.0
	6H	0.3	0.7	0.7	1.1	1.4	-1.2	-0.7	-0.8	-0.4	-0.1
	8H	1.5	1.9	1.9	2.2	2.6	-0.8	-0.4	-0.4	-0.0	0.3
	12H	2.8	3.2	3.2	3.6	4.0	-0.3	0.0	0.1	0.4	0.8
8H	4H	-1.2	-0.8	-0.8	-0.5	-0.1	-1.5	-1.1	-1.1	-0.7	-0.4
	6H	0.6	1.0	1.1	1.4	1.8	0.1	0.4	0.5	0.8	1.2
	8H	1.9	2.1	2.3	2.6	3.0	0.9	1.2	1.3	1.6	2.0
	12H	3.4	3.7	3.9	4.1	4.6	1.7	1.9	2.1	2.4	2.8
12H	4H	-1.0	-0.7	-0.6	-0.3	0.1	-1.5	-1.1	-1.1	-0.7	-0.3
	6H	0.8	1.1	1.3	1.6	2.0	0.2	0.5	0.7	1.0	1.4
	8H	2.0	2.3	2.5	2.7	3.2	1.3	1.6	1.8	2.0	2.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.2					+ 0.2 / - 0.2				
1.5H		+ 0.5 / - 0.3					+ 0.4 / - 0.5				
2.0H		+ 0.9 / - 0.6					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 317.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.0)

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:9.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	89	83	79	88	83	79	76
0.80	96	91	87	95	90	87	94	90	87	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

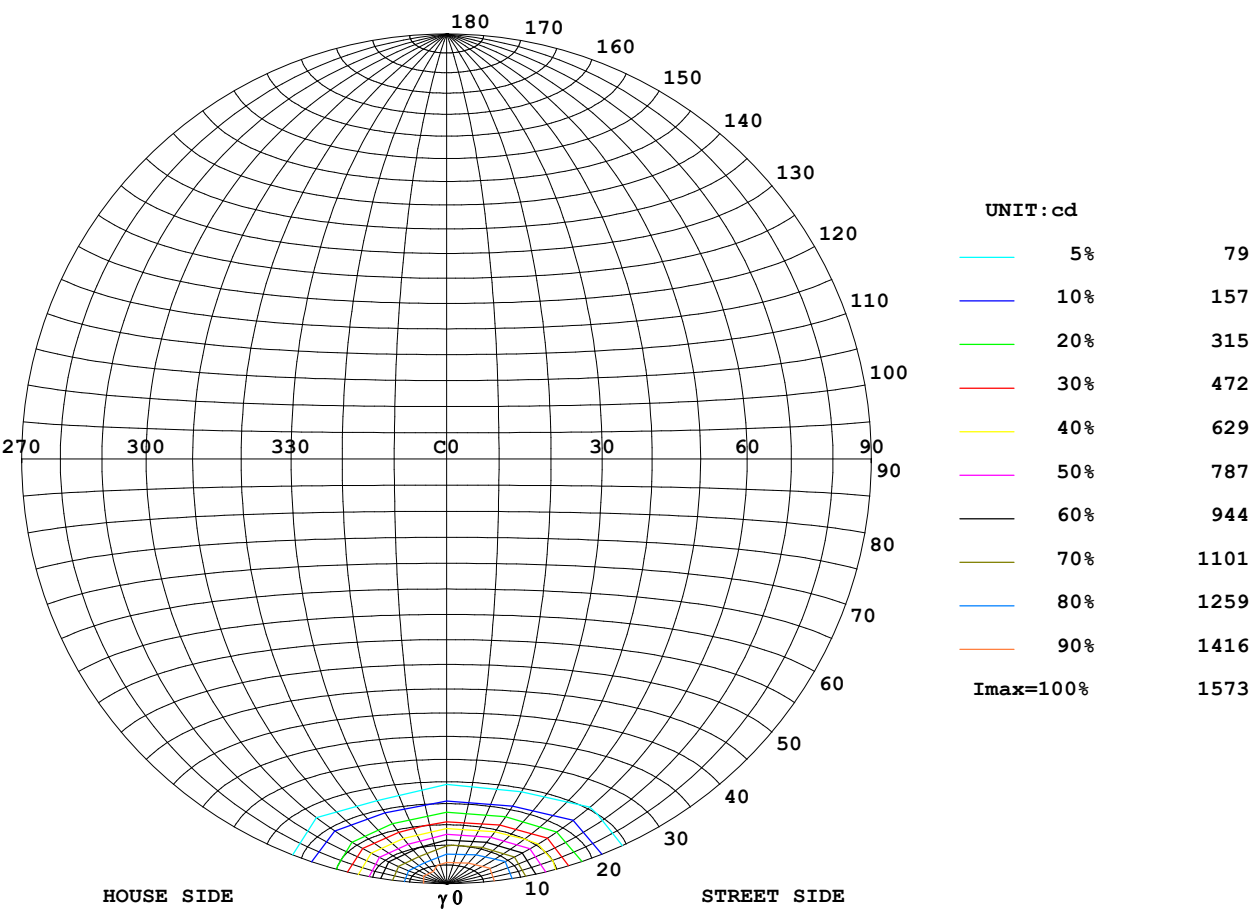
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:



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

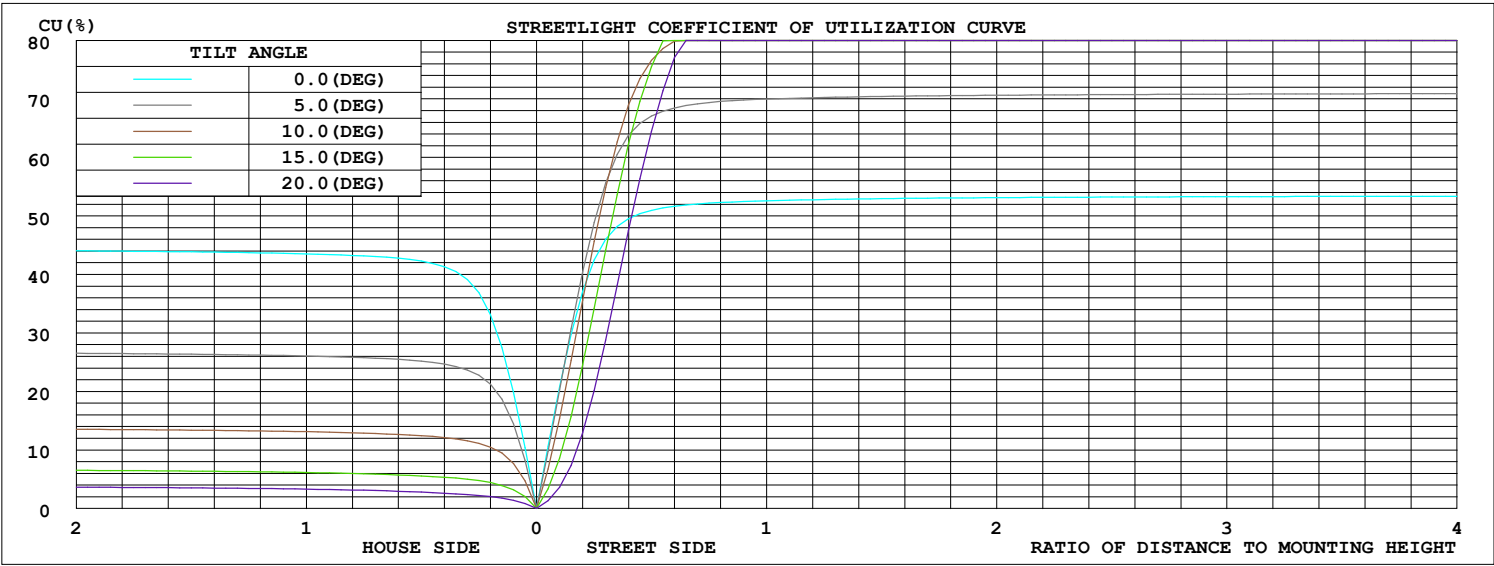
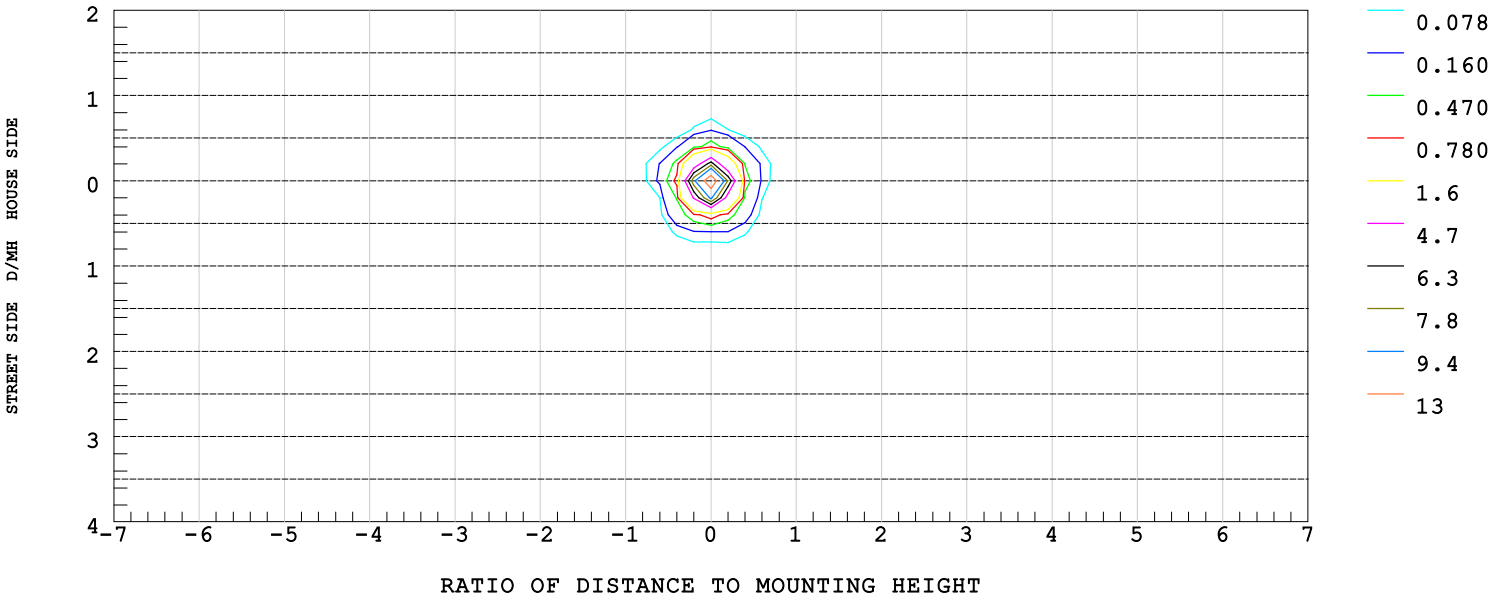
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 15.70 lx



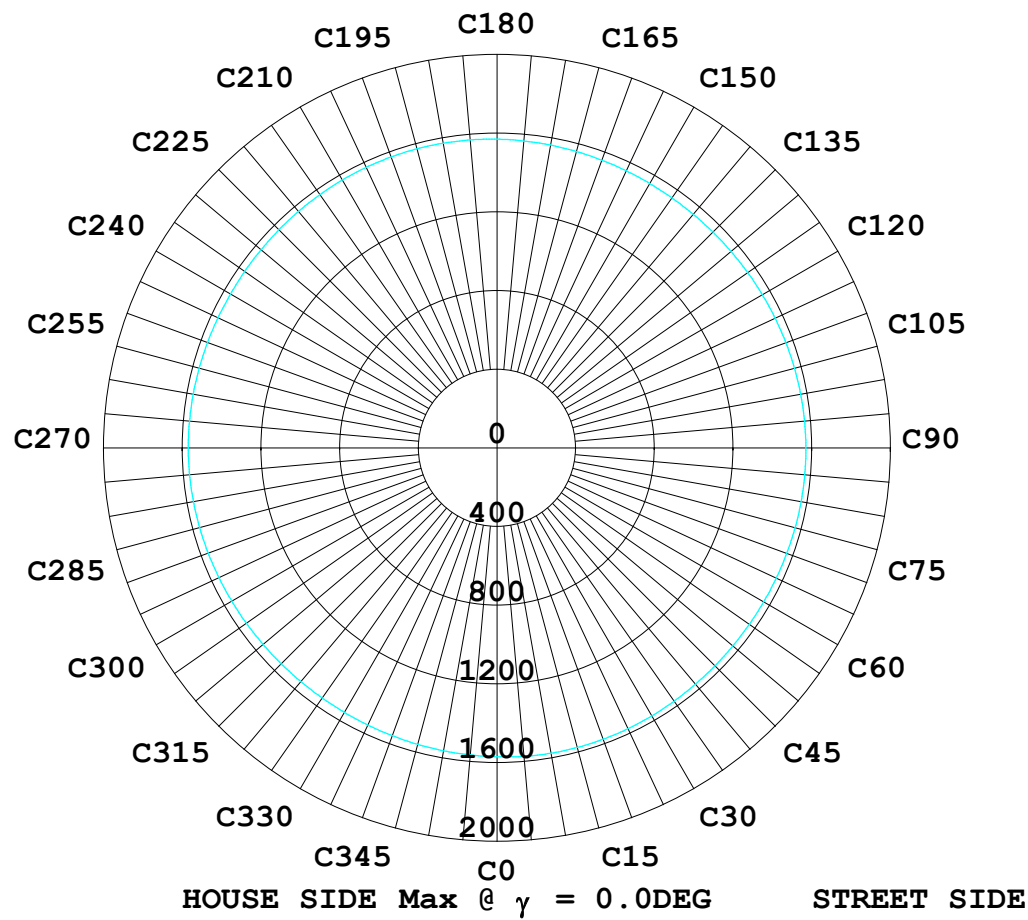
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 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:9.000 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 45	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1570	1573	1565	1570	1558	1553	1570	1573	1565	1570	1558	1553
5.0	1464	1496	1537	1511	1474	1386	1379	1364	1324	1359	1367	1432
10.0	1090	1149	1233	1187	1136	981	960	915	840	890	911	1047
15.0	520	567	659	616	571	433	405	377	309	357	407	476
20.0	170	176	209	196	191	127	121	123	92.4	115	107	156
25.0	65.6	59.6	81.8	64.0	72.0	45.8	44.7	52.3	35.8	48.7	39.9	61.3
30.0	33.2	26.3	40.4	29.1	37.8	22.7	22.4	28.1	16.5	25.4	17.1	30.2
35.0	15.6	9.07	19.2	11.7	19.1	8.82	9.55	13.8	5.42	12.2	5.50	14.1
40.0	9.39	3.32	9.96	3.72	9.63	2.91	4.21	8.50	2.59	8.01	2.43	8.26
45.0	7.77	2.75	7.61	2.51	7.45	2.43	3.80	7.04	2.10	6.56	2.10	6.80
50.0	6.56	2.26	6.39	2.10	6.23	2.02	3.24	5.91	1.78	5.50	1.62	5.67
55.0	5.58	1.86	5.18	1.70	5.10	1.53	2.91	4.86	1.29	4.45	1.13	4.69
60.0	4.61	1.37	4.21	1.13	4.13	0.97	2.59	4.05	1.05	3.80	0.97	3.80
65.0	3.96	1.13	3.56	0.97	3.56	0.89	2.43	3.48	0.89	3.32	0.81	3.32
70.0	3.64	1.05	3.07	0.81	2.99	0.81	2.34	3.07	0.73	2.83	0.73	2.91
75.0	3.15	0.89	2.75	0.73	2.59	0.65	2.34	2.75	0.73	2.51	0.73	2.51
80.0	2.83	0.97	2.43	0.65	2.34	0.57	2.34	2.34	0.65	2.18	0.57	2.18
85.0	2.59	0.89	2.10	0.65	2.02	0.57	2.34	2.18	0.65	1.94	0.57	2.02
90.0	2.26	1.21	1.86	0.81	1.86	0.73	3.15	1.86	0.81	1.78	0.73	1.70

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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