

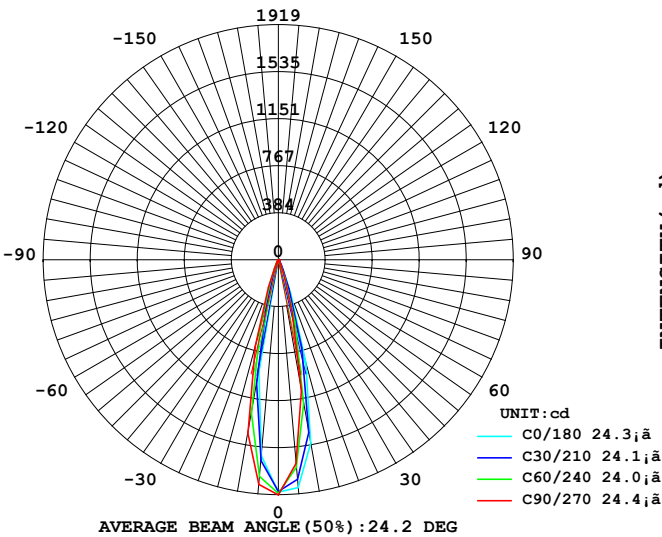
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

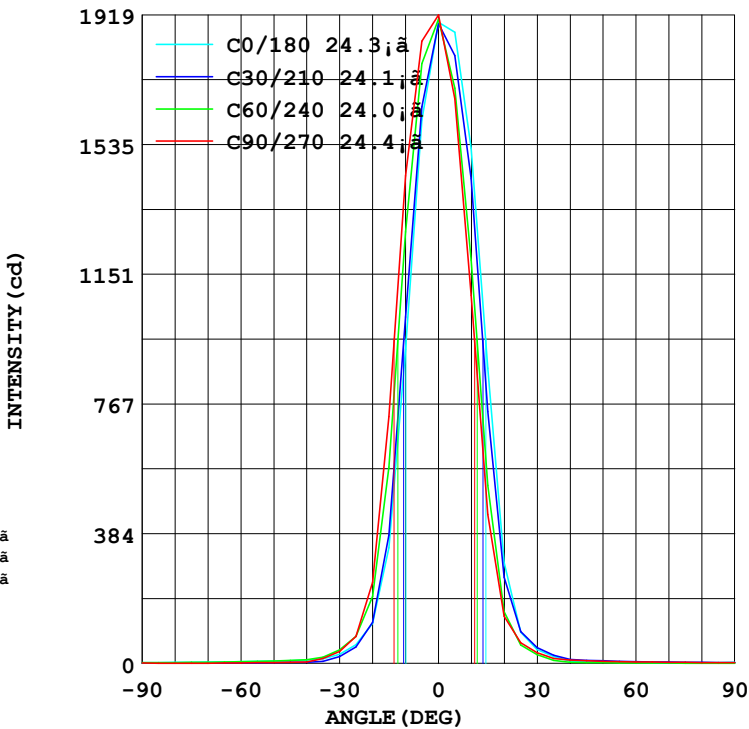
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1925	S/MH (C0/180)	0.33
MODEL	ELLIS 45	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.42
NOMINAL POWER (W)	6	TOTAL FLUX (lm)	393.25	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	70.2	Current (A)	0.027
NOMINAL FLUX (lm)	393.3	η up (%)	0.0	Power (W)	5.600
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	219.7	Effictive Flux(lm)	335.4	EEI	0.172

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:10.000 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 45	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

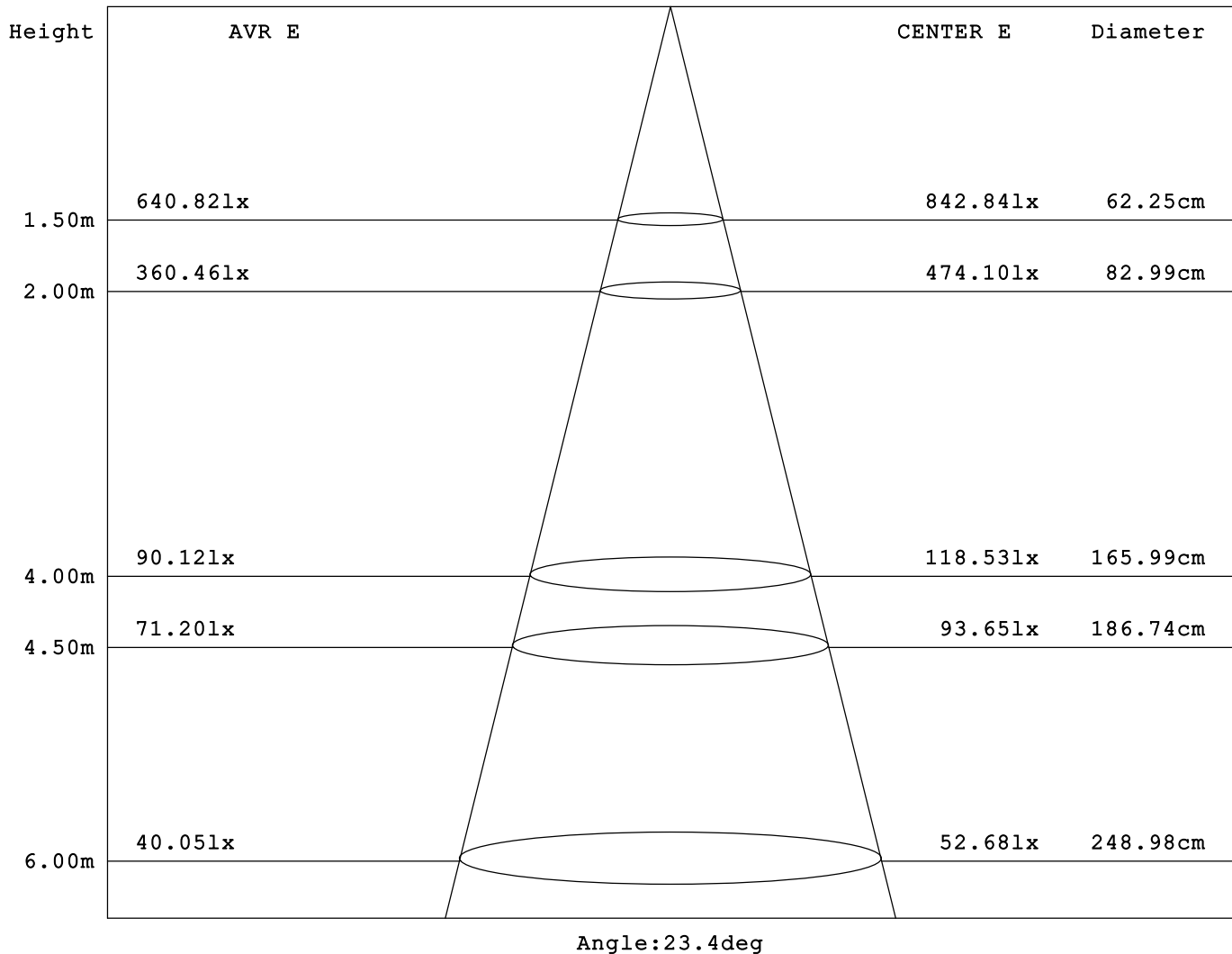
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 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 45	TYPE: 4000K 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:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K 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	929.0	1151	1442	1573	1523	1313	1089	944.0	0- 10	150.6	150.6
20.0	118.9	159.8	240.1	321.1	298.2	203.8	139.6	108.0	10- 20	173.8	324.5
30.0	26.60	30.09	35.79	47.84	41.00	36.45	31.60	21.20	20- 30	41.90	366.4
40.0	10.10	7.000	4.500	10.05	7.200	7.800	9.800	6.150	30- 40	11.26	377.7
50.0	7.100	4.850	2.600	5.450	4.100	5.050	6.600	4.100	40- 50	4.740	382.4
60.0	5.000	3.100	1.300	3.550	3.100	3.250	4.700	2.800	50- 60	3.640	386.1
70.0	3.900	2.350	0.900	2.450	2.600	2.500	3.500	2.050	60- 70	2.810	388.9
80.0	3.100	1.900	0.800	1.850	2.500	1.900	2.700	1.600	70- 80	2.325	391.2
90.0	2.600	1.700	1.000	1.650	3.400	1.600	2.100	1.450	80- 90	2.011	393.2
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:10.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K 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	321	80
80	179	46
75	131	31
70	114	26
65	104	26
60	100	26
55	101	35
50	110	40
45	120	44

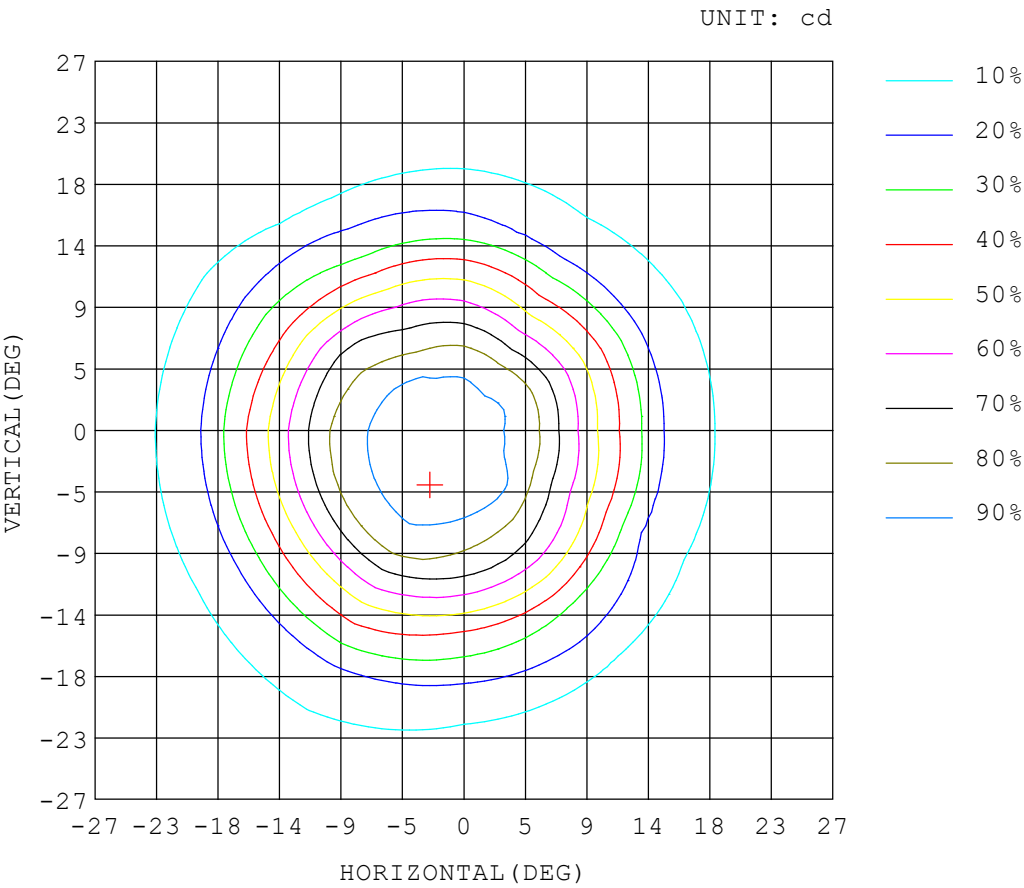
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:



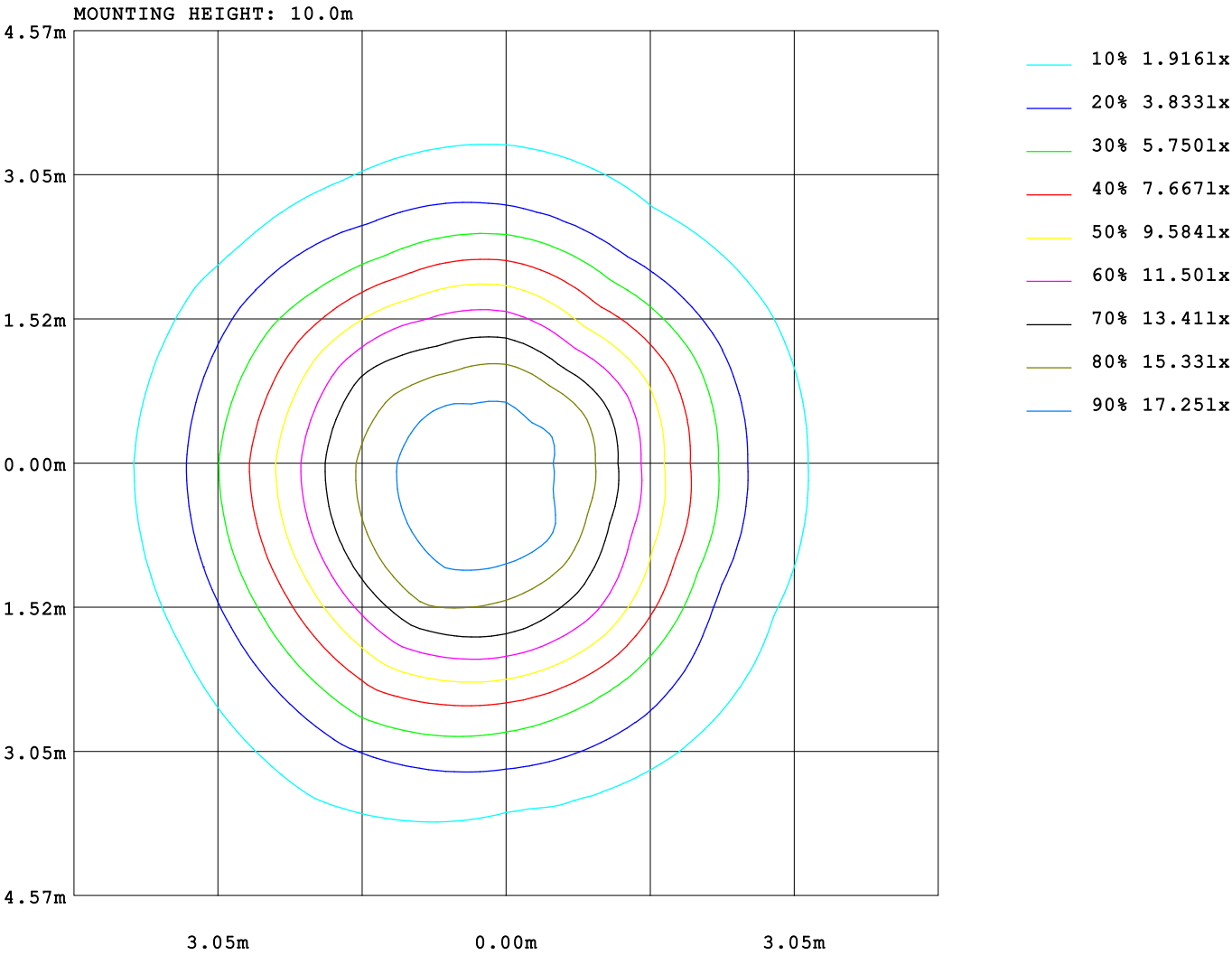
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K 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:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: ELLIS 45

TYPE: 4000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

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

SERIAL No.:

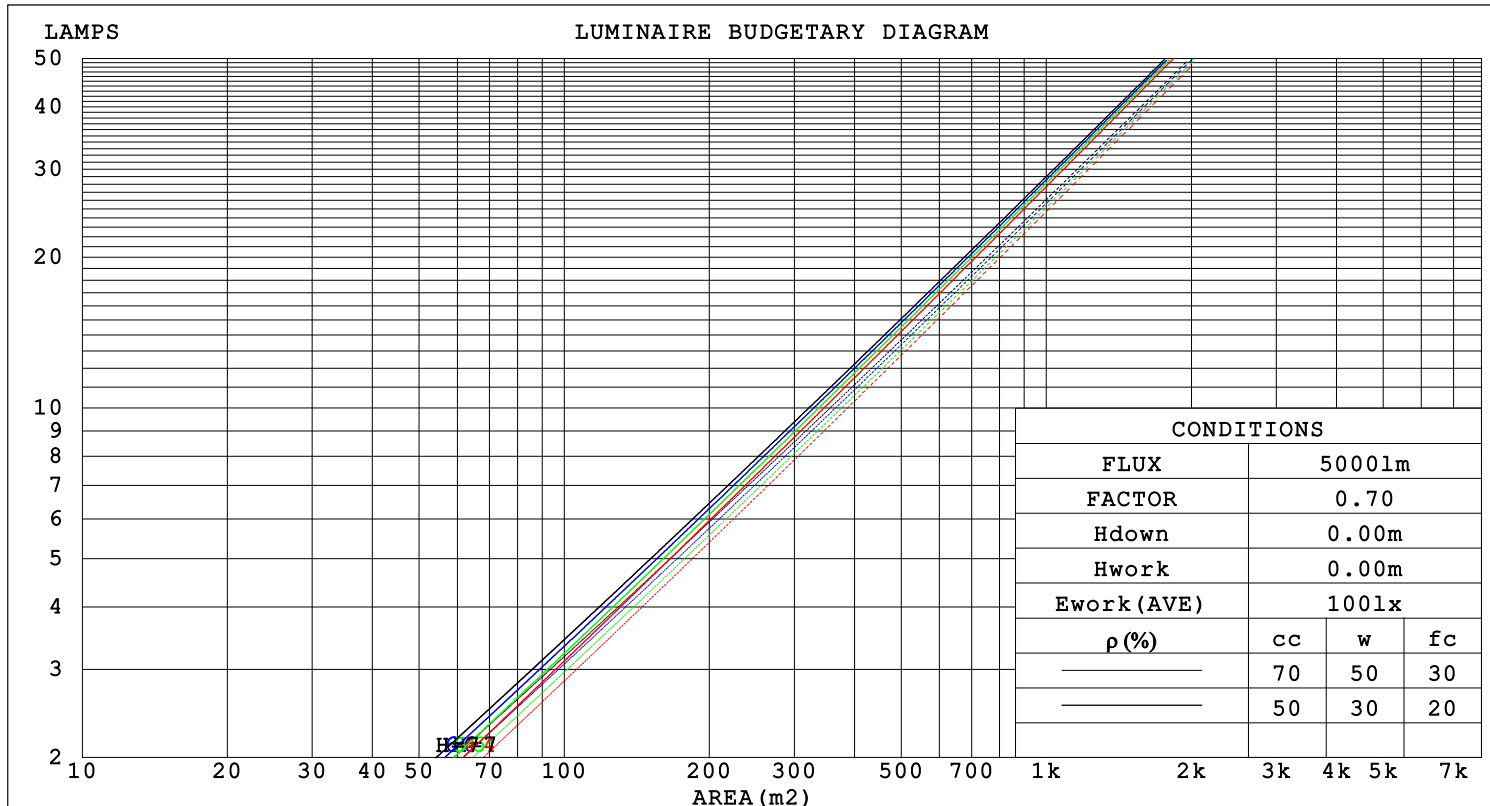
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.04	0.06	0.07	0.08	0.09	0.11	0.13	0.15	0.16	0.16	0.13	0.11	0.09	0.06	0.05	0.04	0.03	0.02	1.58	0.00		
27																						
24	0.07	0.08	0.10	0.12	0.14	0.17	0.22	0.26	0.27	0.26	0.22	0.18	0.13	0.10	0.08	0.06	0.05	0.04	2.54	0.00		
21	0.09	0.12	0.15	0.19	0.25	0.31	0.37	0.44	0.49	0.46	0.37	0.27	0.20	0.16	0.12	0.09	0.07	0.05	4.18	0.60		
18	0.12	0.16	0.22	0.33	0.43	0.57	0.78	0.94	0.98	0.90	0.74	0.53	0.34	0.24	0.18	0.13	0.10	0.07	7.74	5.10		
15	0.15	0.21	0.34	0.51	0.79	1.13	1.37	1.63	1.75	1.62	1.27	0.88	0.64	0.42	0.26	0.18	0.12	0.08	13.3	11.4		
12	0.17	0.28	0.49	0.80	1.33	1.82	2.31	2.67	2.82	2.63	2.13	1.57	1.02	0.67	0.38	0.24	0.15	0.10	21.6	20.0		
9	0.19	0.36	0.63	1.20	1.90	2.68	3.33	3.63	3.79	3.58	2.99	2.36	1.63	0.93	0.55	0.28	0.18	0.11	30.3	29.0		
	0.21	0.43	0.79	1.53	2.40	3.39	4.10	4.44	4.60	4.43	3.89	3.05	2.11	1.19	0.66	0.34	0.21	0.12	37.9	36.8		
	0.23	0.48	0.92	1.77	2.74	3.79	4.48	4.95	5.02	4.88	4.40	3.40	2.33	1.36	0.72	0.37	0.22	0.13	42.2	41.0		
	0.23	0.49	0.94	1.81	2.81	3.88	4.60	5.10	5.22	4.97	4.43	3.44	2.37	1.37	0.73	0.38	0.22	0.13	43.1	42.0		
	0.21	0.45	0.84	1.66	2.60	3.64	4.45	4.95	5.13	4.88	4.23	3.23	2.21	1.24	0.68	0.34	0.20	0.12	41.1	39.9		
-9	0.19	0.38	0.70	1.36	2.20	3.13	4.02	4.53	4.57	4.33	3.78	2.88	1.85	0.99	0.57	0.29	0.18	0.11	36.1	34.8		
-12	0.17	0.28	0.56	0.98	1.72	2.47	3.22	3.71	3.79	3.56	3.03	2.25	1.39	0.83	0.42	0.24	0.14	0.09	28.8	27.5		
-15	0.13	0.21	0.40	0.69	1.15	1.78	2.31	2.59	2.64	2.45	2.04	1.51	1.02	0.59	0.32	0.19	0.11	0.07	20.2	18.7		
-18	0.10	0.17	0.26	0.48	0.74	1.08	1.45	1.63	1.64	1.51	1.28	0.97	0.63	0.39	0.26	0.15	0.09	0.05	12.9	10.9		
-21	0.09	0.13	0.20	0.29	0.47	0.66	0.76	0.84	0.85	0.79	0.66	0.52	0.40	0.28	0.18	0.12	0.08	0.05	7.35	4.90		
-24	0.07	0.10	0.15	0.21	0.27	0.35	0.43	0.47	0.46	0.43	0.38	0.31	0.24	0.19	0.14	0.09	0.06	0.04	4.37	0.49		
-27	0.06	0.08	0.11	0.14	0.19	0.22	0.23	0.23	0.23	0.21	0.20	0.18	0.16	0.13	0.10	0.07	0.05	0.03	2.62	0.00		
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)													
									6	9	12	15	18	21	24	27						
Φ t	2.51	4.47	7.85	14.1	22.2	31.2	38.6	43.2	44.4	42.0	36.2	27.7	18.8	11.1	6.39	3.60	2.25	1.41	393			
Φ a	0.00	0.98	5.57	12.3	20.6	29.8	37.3	42.0	43.2	40.7	34.8	26.2	17.0	9.04	3.74	0.00	0.00	0.00		335		

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:10.000 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	1.10	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	.91	.98	.94	.91	.96	.92	.90	.94	.91	.89	.92	.90	.88	.87														
5.0	.95	.91	.88	.94	.90	.87	.93	.89	.87	.91	.88	.86	.90	.87	.85	.84														
6.0	.92	.88	.85	.91	.87	.85	.90	.87	.84	.89	.86	.83	.88	.85	.83	.82														
7.0	.89	.85	.82	.89	.85	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80														
8.0	.87	.82	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.84	.81	.79	.78														
9.0	.84	.80	.78	.84	.80	.77	.83	.80	.77	.82	.79	.77	.82	.79	.77	.76														
10.0	.82	.78	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.80	.77	.75	.74														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ELLIS 45								TYPE: 4000K 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
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.145	.082	.026	.138	.079	.025	.126	.072	.023	.114	.066	.021	.104	.060	.019	
2.0	.132	.072	.022	.127	.070	.021	.116	.065	.020	.107	.060	.019	.098	.055	.017	
3.0	.122	.065	.019	.117	.063	.019	.109	.059	.018	.101	.055	.017	.093	.052	.016	
4.0	.113	.059	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015	.089	.048	.015	
5.0	.106	.054	.016	.102	.053	.015	.096	.050	.015	.091	.048	.014	.085	.046	.014	
6.0	.099	.050	.014	.097	.049	.014	.091	.047	.014	.086	.045	.013	.082	.043	.013	
7.0	.094	.046	.013	.091	.046	.013	.087	.044	.013	.083	.042	.012	.079	.041	.012	
8.0	.089	.044	.012	.087	.043	.012	.083	.041	.012	.079	.040	.012	.076	.039	.011	
9.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.011	
10.0	.081	.039	.011	.079	.038	.011	.076	.037	.011	.073	.036	.010	.070	.035	.010	

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	.151	.133	.117	.129	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.014	
3.0	.136	.113	.095	.117	.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	.104	.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	.044	.027	.047	.031	.019	.027	.018	.012	.009	.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:10.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ELLIS 45					TYPE: 4000K 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	-6.1	-5.5	-5.9	-5.3	-5.2	-5.1	-4.5	-4.9	-4.3	-4.2
	3H	-3.8	-3.1	-3.5	-3.0	-2.8	-4.2	-3.6	-3.9	-3.4	-3.2
	4H	-2.3	-1.7	-2.0	-1.5	-1.3	-3.7	-3.1	-3.4	-2.9	-2.7
	6H	-0.6	0.0	-0.3	0.2	0.5	-3.1	-2.6	-2.9	-2.3	-2.1
	8H	0.4	1.0	0.7	1.2	1.5	-2.9	-2.4	-2.6	-2.2	-1.9
	12H	1.6	2.1	1.9	2.4	2.6	-2.6	-2.1	-2.3	-1.8	-1.6
4H	2H	-5.5	-4.9	-5.2	-4.7	-4.5	-4.6	-4.0	-4.3	-3.8	-3.6
	3H	-3.3	-2.8	-3.0	-2.6	-2.3	-2.8	-2.3	-2.5	-2.0	-1.8
	4H	-1.9	-1.4	-1.5	-1.1	-0.8	-1.8	-1.3	-1.5	-1.1	-0.8
	6H	0.1	0.5	0.4	0.8	1.2	-0.9	-0.5	-0.5	-0.2	0.2
	8H	1.2	1.6	1.6	2.0	2.3	-0.6	-0.2	-0.2	0.2	0.5
	12H	2.6	3.0	3.0	3.3	3.7	-0.1	0.3	0.3	0.6	1.0
8H	4H	-1.4	-1.0	-1.0	-0.7	-0.3	-1.3	-0.9	-0.9	-0.5	-0.2
	6H	0.5	0.8	0.9	1.2	1.6	0.3	0.7	0.8	1.1	1.5
	8H	1.6	1.9	2.1	2.4	2.8	1.1	1.4	1.6	1.8	2.3
	12H	3.2	3.5	3.7	3.9	4.4	1.9	2.2	2.4	2.6	3.1
12H	4H	-1.2	-0.8	-0.8	-0.5	-0.1	-1.3	-0.9	-0.9	-0.5	-0.1
	6H	0.7	1.0	1.1	1.4	1.9	0.5	0.8	1.0	1.2	1.7
	8H	1.9	2.1	2.3	2.6	3.0	1.6	1.8	2.0	2.3	2.7
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		+ 0.7 / - 0.5					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 393.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.2)

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:10.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K 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	80	89	83	79	88	83	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	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	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

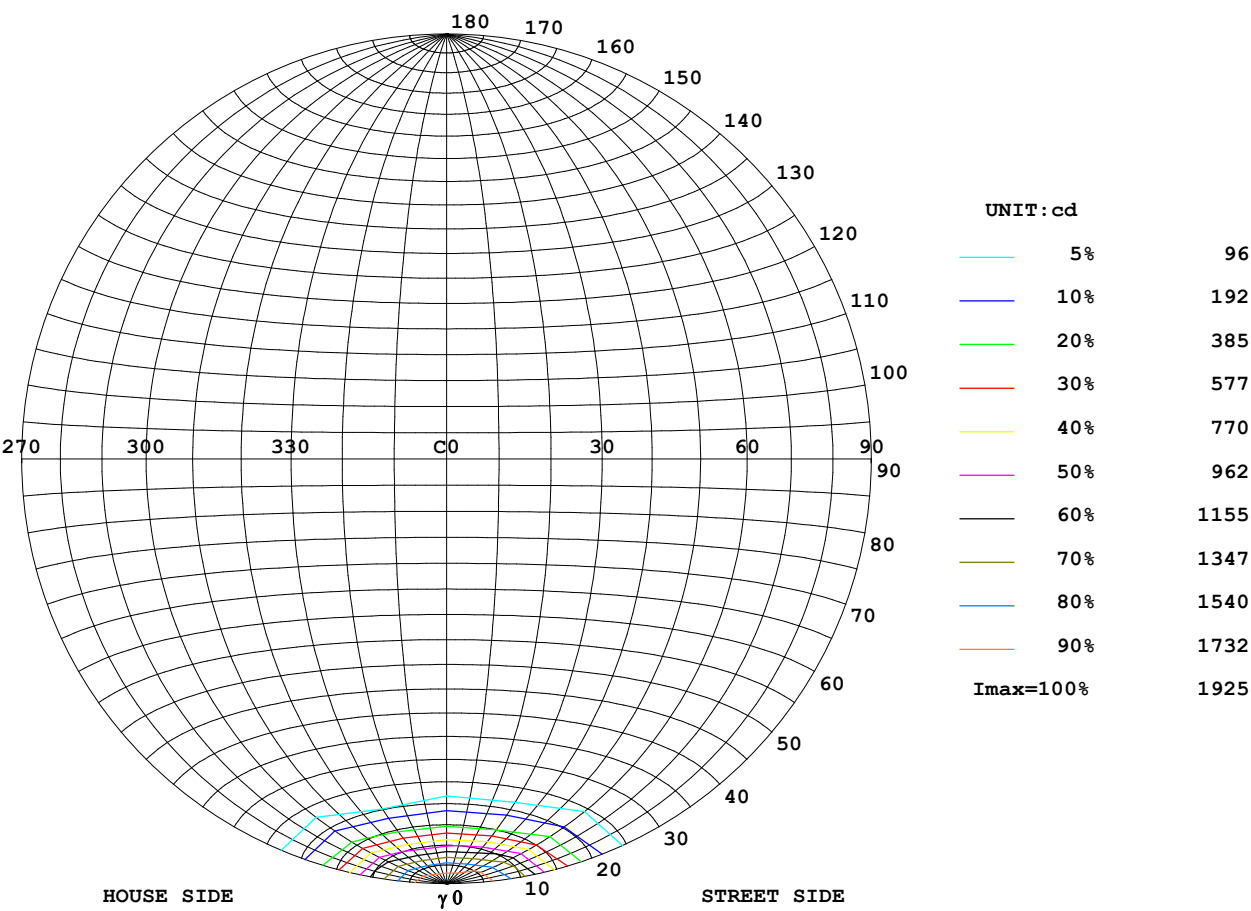
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K 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:07-22-2025

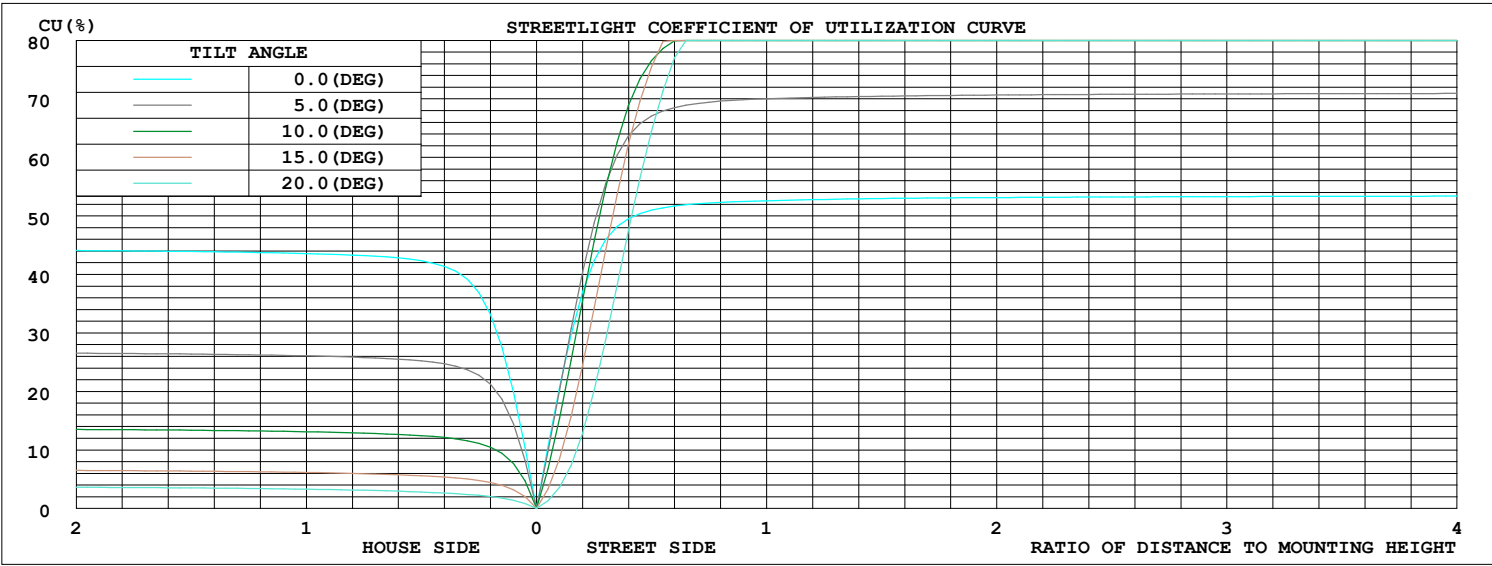
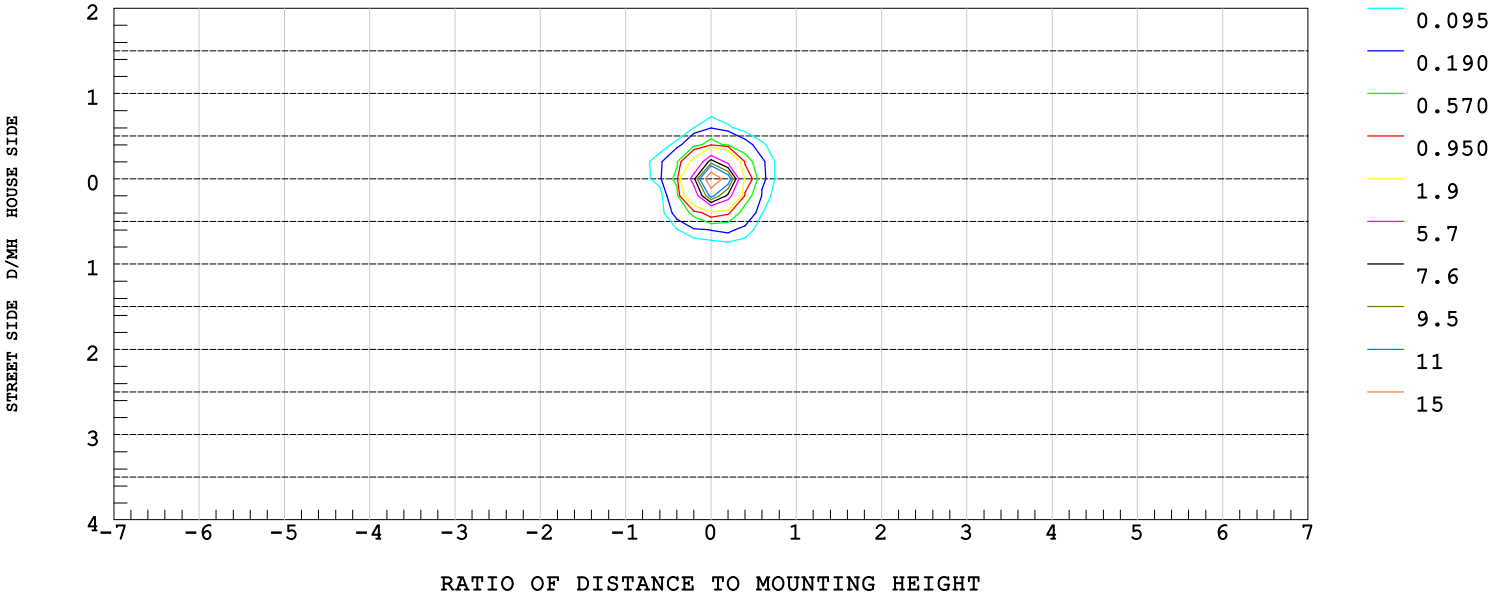
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-52 CUT-45 H-72 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.96 lx



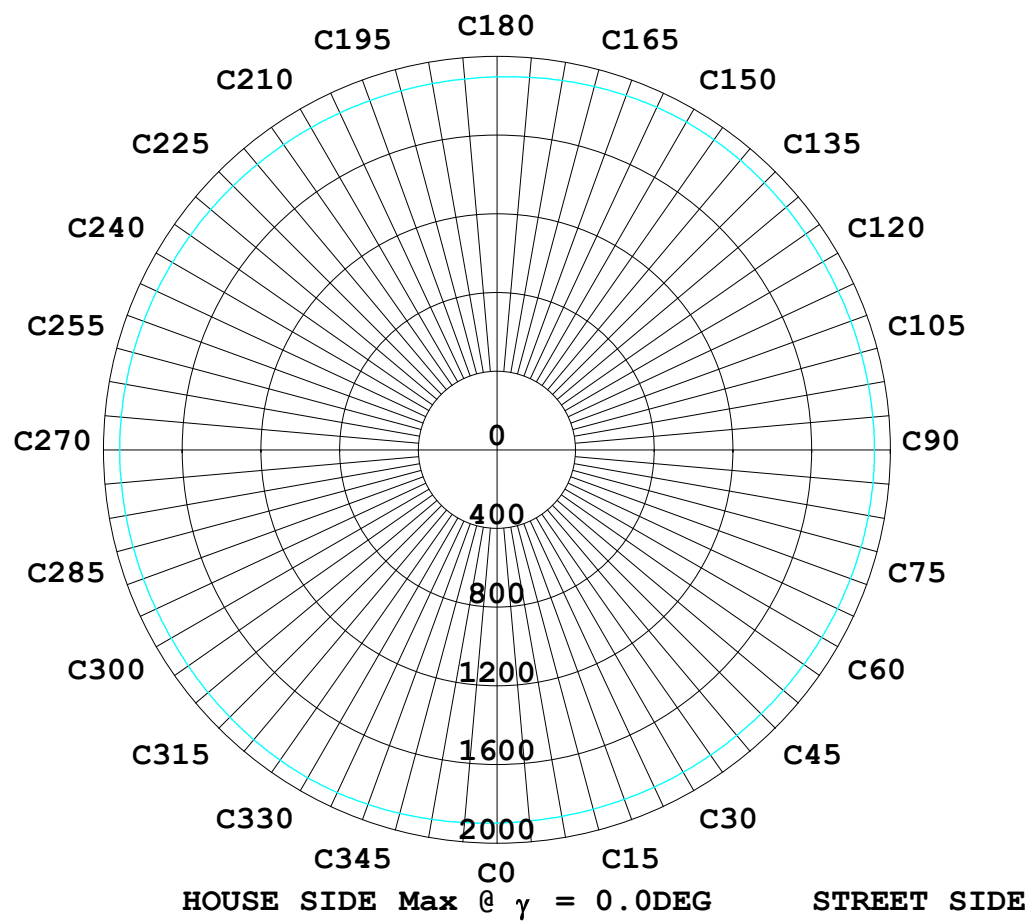
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ELLIS 45	TYPE: 4000K 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:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 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 45	TYPE: 4000K 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	1896	1892	1906	1919	1913	1925	1896	1892	1906	1919	1913	1925
5.0	1608	1646	1774	1840	1923	1897	1867	1798	1701	1670	1597	1629
10.0	929	1024	1277	1442	1592	1555	1523	1434	1193	1089	918	970
15.0	342	380	581	730	908	872	873	746	527	440	324	358
20.0	119	121	198	240	341	301	298	255	153	140	97.6	118
25.0	55.1	48.5	80.0	79.7	116	92.9	92.6	94.3	54.7	61.0	39.7	55.0
30.0	26.6	19.9	40.2	35.7	55.8	39.8	41.0	47.0	25.9	31.6	16.1	26.3
35.0	13.6	6.30	18.9	14.5	30.1	19.6	20.5	24.6	9.40	14.8	4.70	12.8
40.0	10.1	3.30	10.7	4.50	14.1	6.00	7.20	12.2	3.40	9.80	2.80	9.50
45.0	8.50	3.00	8.80	3.10	9.70	3.20	4.50	9.30	2.80	8.20	2.30	7.80
50.0	7.10	2.40	7.30	2.60	8.10	2.80	4.10	7.80	2.30	6.60	1.80	6.40
55.0	5.80	1.80	6.00	2.00	6.70	2.20	3.50	6.50	1.70	5.60	1.30	5.20
60.0	5.00	1.40	4.80	1.30	5.50	1.60	3.10	5.20	1.30	4.70	1.10	4.50
65.0	4.40	1.20	4.20	1.10	4.60	1.10	2.70	4.40	1.10	3.90	0.90	3.90
70.0	3.90	1.10	3.60	0.90	3.90	1.00	2.60	4.00	1.00	3.50	0.80	3.30
75.0	3.40	1.00	3.20	0.80	3.40	0.90	2.60	3.40	0.90	3.00	0.60	3.00
80.0	3.10	1.00	2.80	0.80	3.00	0.70	2.50	3.00	0.80	2.70	0.60	2.60
85.0	2.80	1.00	2.50	0.70	2.60	0.80	2.60	2.60	0.70	2.40	0.60	2.20
90.0	2.60	1.20	2.20	1.00	2.30	1.00	3.40	2.30	0.90	2.10	0.80	2.10

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:10.000 m
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