

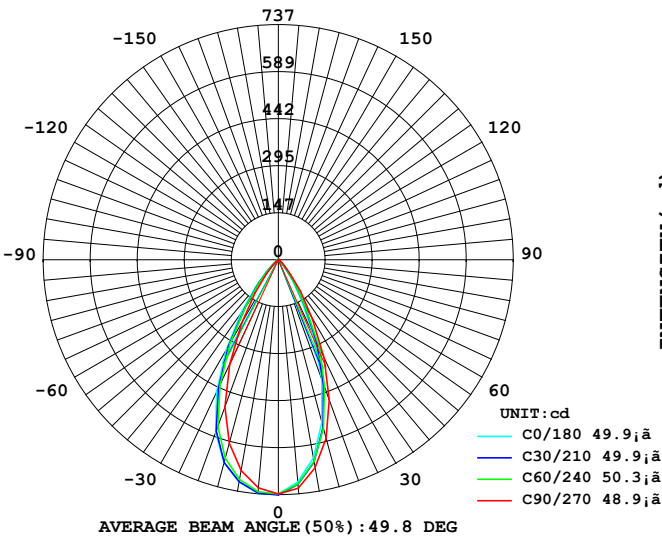
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

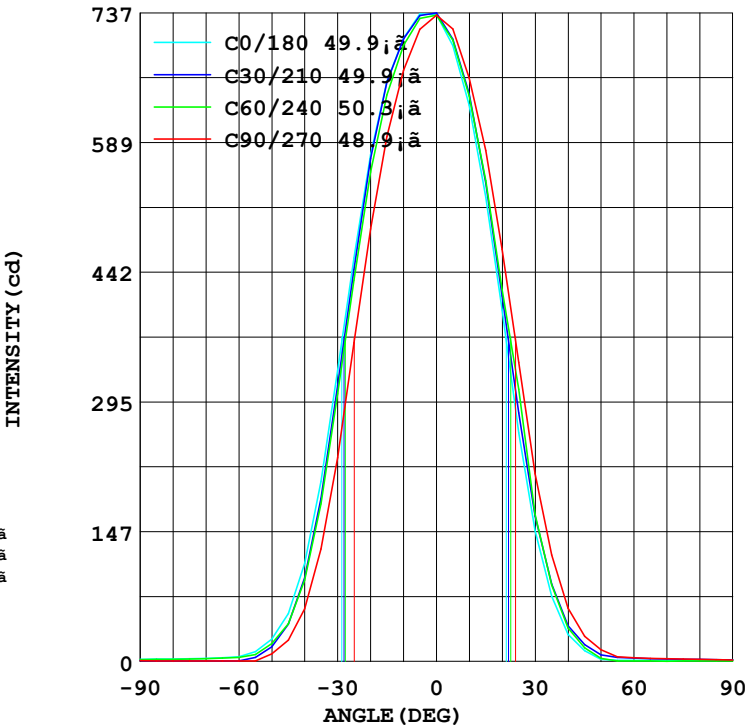
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	736.8	S/MH (C0/180)	0.86
MODEL	FLEXION 55	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.77
NOMINAL POWER (W)	6	TOTAL FLUX (lm)	516.23	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	88.2	Current (A)	0.027
NOMINAL FLUX (lm)	516.2	η up (%)	0.0	Power (W)	5.850
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.974
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	477.9	EEI	0.137

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

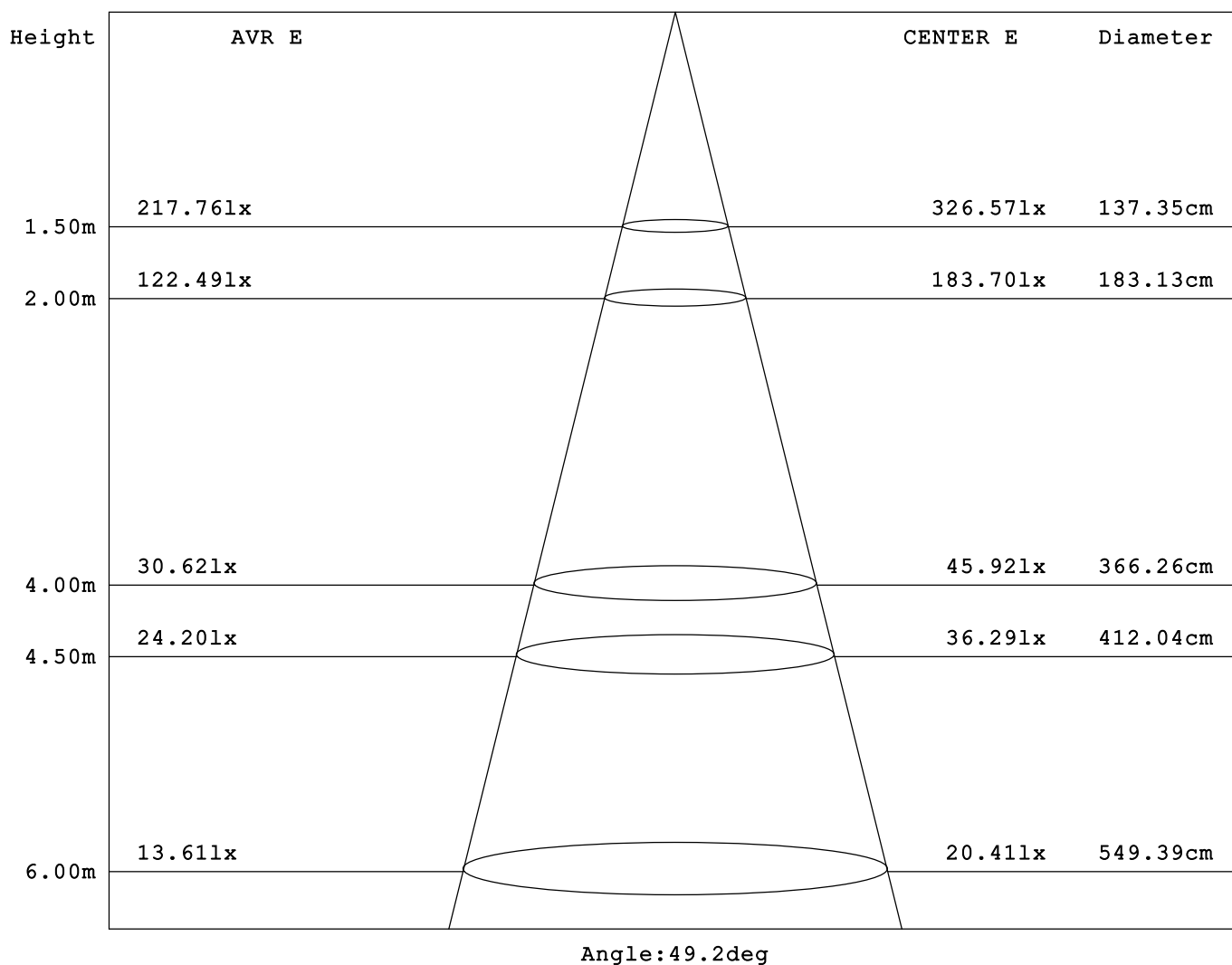
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	707.7	703.5	671.4	639.3	631.8	643.8	662.9	683.3	0- 10	66.88	66.88
20.0	575.5	563.6	491.4	430.5	399.3	418.8	468.1	523.3	10- 20	163.1	230.0
30.0	330.6	308.5	231.4	179.9	148.3	166.1	213.3	276.0	20- 30	162.8	392.8
40.0	111.2	93.78	59.82	42.01	30.63	39.15	60.61	86.23	30- 40	86.54	479.4
50.0	25.35	18.49	8.453	5.780	2.312	5.382	13.14	18.06	40- 50	26.00	505.4
60.0	5.274	2.637	0.506	2.203	1.156	2.131	4.118	2.528	50- 60	5.164	510.5
70.0	3.612	1.914	0.506	1.661	1.228	1.589	2.962	1.842	60- 70	2.140	512.7
80.0	2.817	1.589	0.578	1.481	1.372	1.336	2.312	1.517	70- 80	1.816	514.5
90.0	2.384	1.625	1.011	1.553	2.095	1.264	1.806	1.336	80- 90	1.676	516.2
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:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 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	307	66
80	162	33
75	123	22
70	106	15
65	103	12
60	105	10
55	190	13
50	395	132
45	770	340

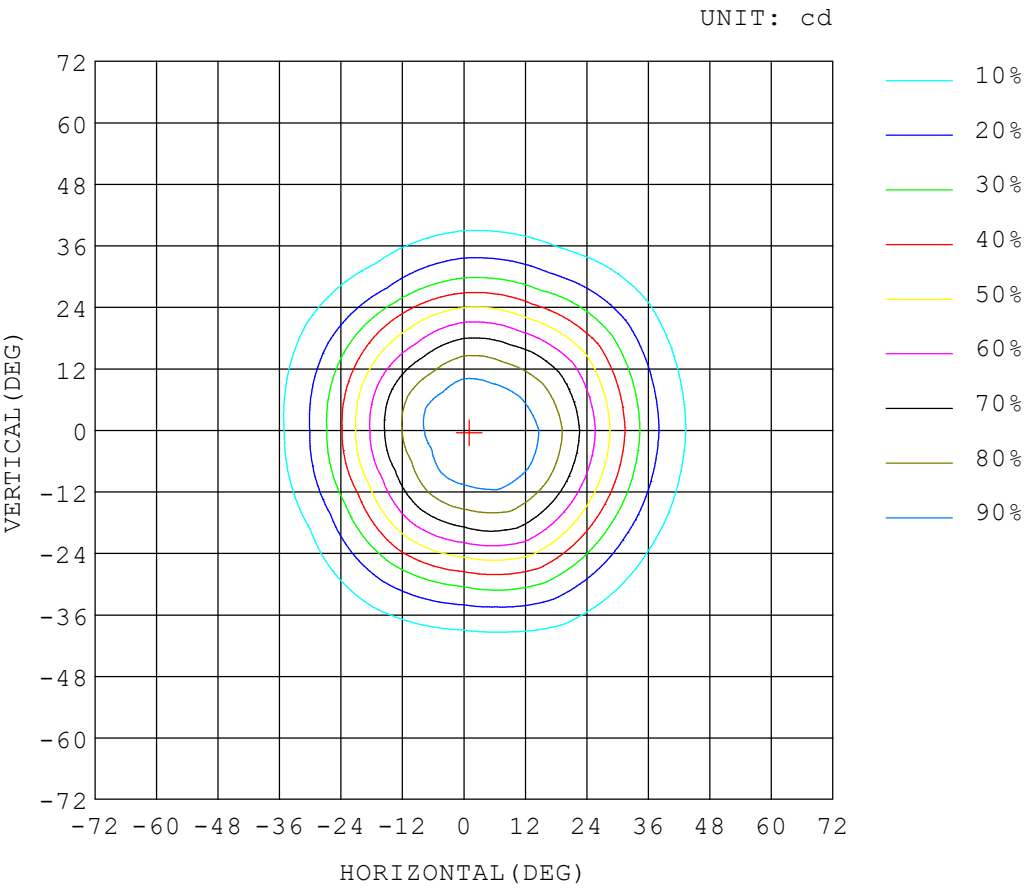
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



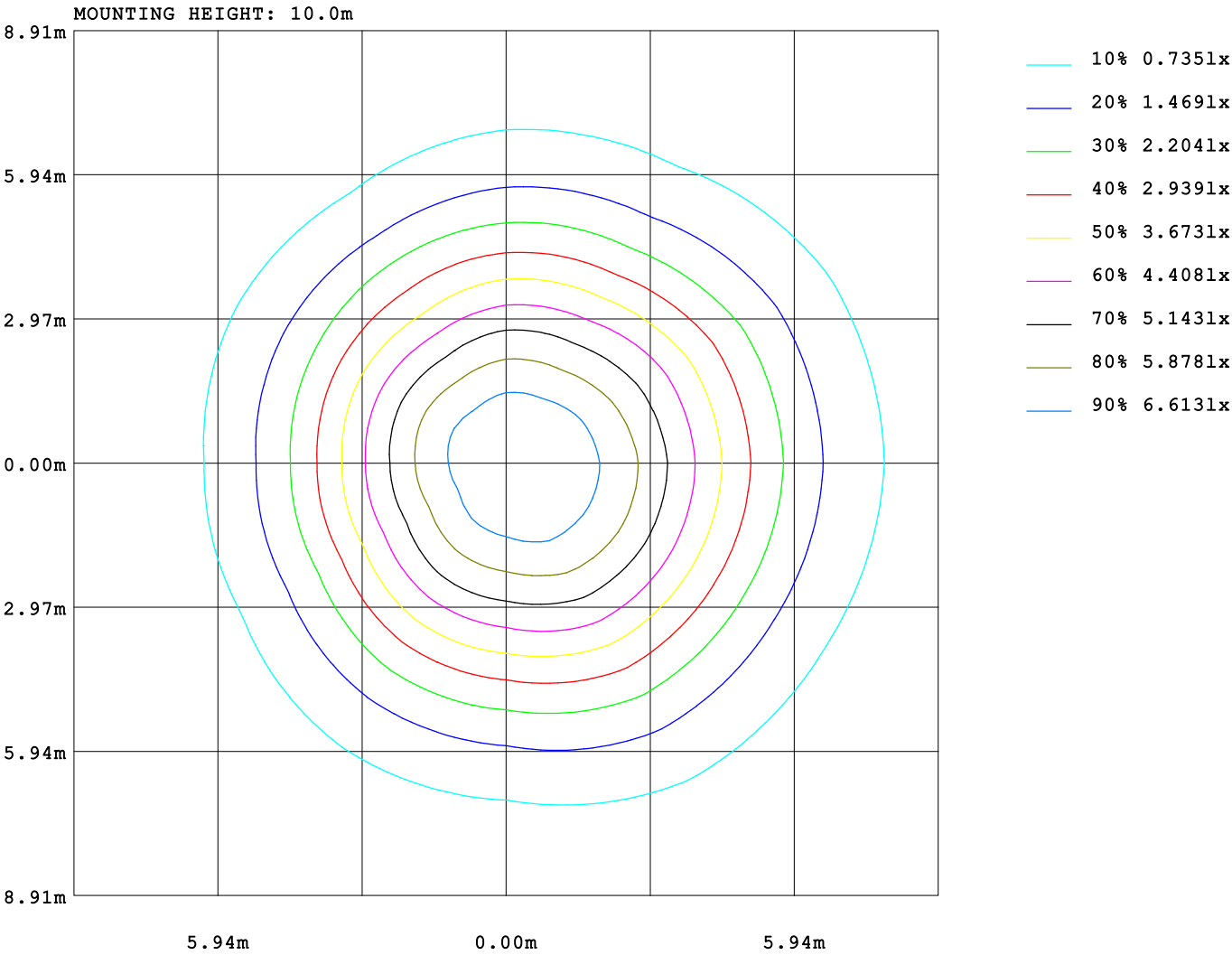
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: FLEXION 55

TYPE: 4000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-63 CUTOUT-55 H-76 MM

SERIAL No.:

72	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.01	0.02	0.02	0.02	0.02	0.01	0.02	0.04	0.05	0.05	0.04	0.02	0.01	0.02	0.02	0.03	0.03	0.02	0.46	0.00	
64	0.01	0.02	0.03	0.03	0.02	0.01	0.02	0.05	0.07	0.07	0.05	0.02	0.01	0.02	0.03	0.03	0.03	0.02	0.55	0.00	
56	0.01	0.02	0.03	0.03	0.03	0.02	0.04	0.10	0.17	0.19	0.14	0.08	0.04	0.04	0.04	0.04	0.03	0.02	1.09	0.00	
48	0.01	0.02	0.04	0.05	0.05	0.09	0.20	0.43	0.64	0.70	0.59	0.39	0.25	0.14	0.07	0.05	0.03	0.02	3.78	0.00	
40	0.01	0.02	0.04	0.07	0.14	0.36	0.73	1.34	1.97	2.17	1.85	1.29	0.78	0.40	0.17	0.07	0.04	0.02	11.4	6.79	
32	0.01	0.02	0.04	0.11	0.35	0.91	1.94	3.41	4.78	5.13	4.40	3.22	1.93	0.90	0.34	0.10	0.04	0.03	27.7	25.0	
24	0.01	0.02	0.04	0.16	0.63	1.83	3.99	6.59	8.49	8.97	7.92	6.03	3.69	1.64	0.55	0.16	0.05	0.03	50.8	48.9	
VERTICAL (DEG)	0.01	0.02	0.04	0.23	0.92	2.78	6.01	9.37	11.6	12.0	10.9	8.66	5.36	2.38	0.78	0.21	0.06	0.03	71.5	69.8	
	0.01	0.01	0.03	0.25	1.08	3.32	7.15	11.0	13.4	13.8	12.7	10.0	6.35	2.89	0.94	0.24	0.06	0.03	83.4	81.9	
	0.01	0.01	0.03	0.23	1.05	3.27	7.06	10.8	13.3	14.0	12.9	10.1	6.36	2.87	0.93	0.23	0.06	0.03	83.4	81.9	
	0.01	0.01	0.02	0.19	0.83	2.64	5.83	9.49	11.9	12.6	11.6	8.92	5.34	2.31	0.74	0.18	0.05	0.02	72.8	71.1	
	0.01	0.01	0.01	0.11	0.51	1.71	4.10	7.01	8.98	9.70	8.99	6.58	3.69	1.53	0.48	0.12	0.03	0.02	53.6	51.8	
-24	0.01	0.01	0.01	0.04	0.27	0.92	2.26	3.96	5.21	5.75	5.39	3.83	2.03	0.82	0.25	0.06	0.03	0.02	30.9	28.7	
-32	0.01	0.01	0.01	0.02	0.11	0.41	0.96	1.61	2.15	2.42	2.27	1.66	0.89	0.37	0.10	0.02	0.02	0.02	13.0	9.24	
-40	0.01	0.01	0.01	0.02	0.05	0.15	0.32	0.50	0.62	0.71	0.71	0.57	0.33	0.13	0.04	0.01	0.01	0.01	4.19	0.00	
-48	0.01	0.01	0.01	0.02	0.04	0.07	0.09	0.11	0.12	0.14	0.17	0.16	0.11	0.05	0.02	0.01	0.01	0.01	1.15	0.00	
-56	0.01	0.01	0.01	0.02	0.04	0.06	0.05	0.04	0.02	0.02	0.05	0.06	0.06	0.04	0.02	0.01	0.01	0.01	0.55	0.00	
-64	0.01	0.01	0.01	0.02	0.03	0.05	0.04	0.03	0.02	0.02	0.03	0.05	0.05	0.04	0.02	0.01	0.01	0.01	0.46	0.00	
-72	0.01	0.01	0.01	0.02	0.03	0.05	0.04	0.03	0.02	0.02	0.03	0.05	0.05	0.04	0.02	0.01	0.01	0.01	0.46	0.00	
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																					
Φ t	0.18	0.26	0.42	1.59	6.19	18.6	40.8	66.0	83.5	88.6	80.8	61.8	37.3	16.6	5.56	1.58	0.59	0.37	516		
Φ a	0.00	0.00	0.00	0.00	1.69	15.6	38.3	63.7	81.4	86.4	78.5	59.5	34.8	13.7	1.42	0.00	0.00	0.00		478	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-15-2025

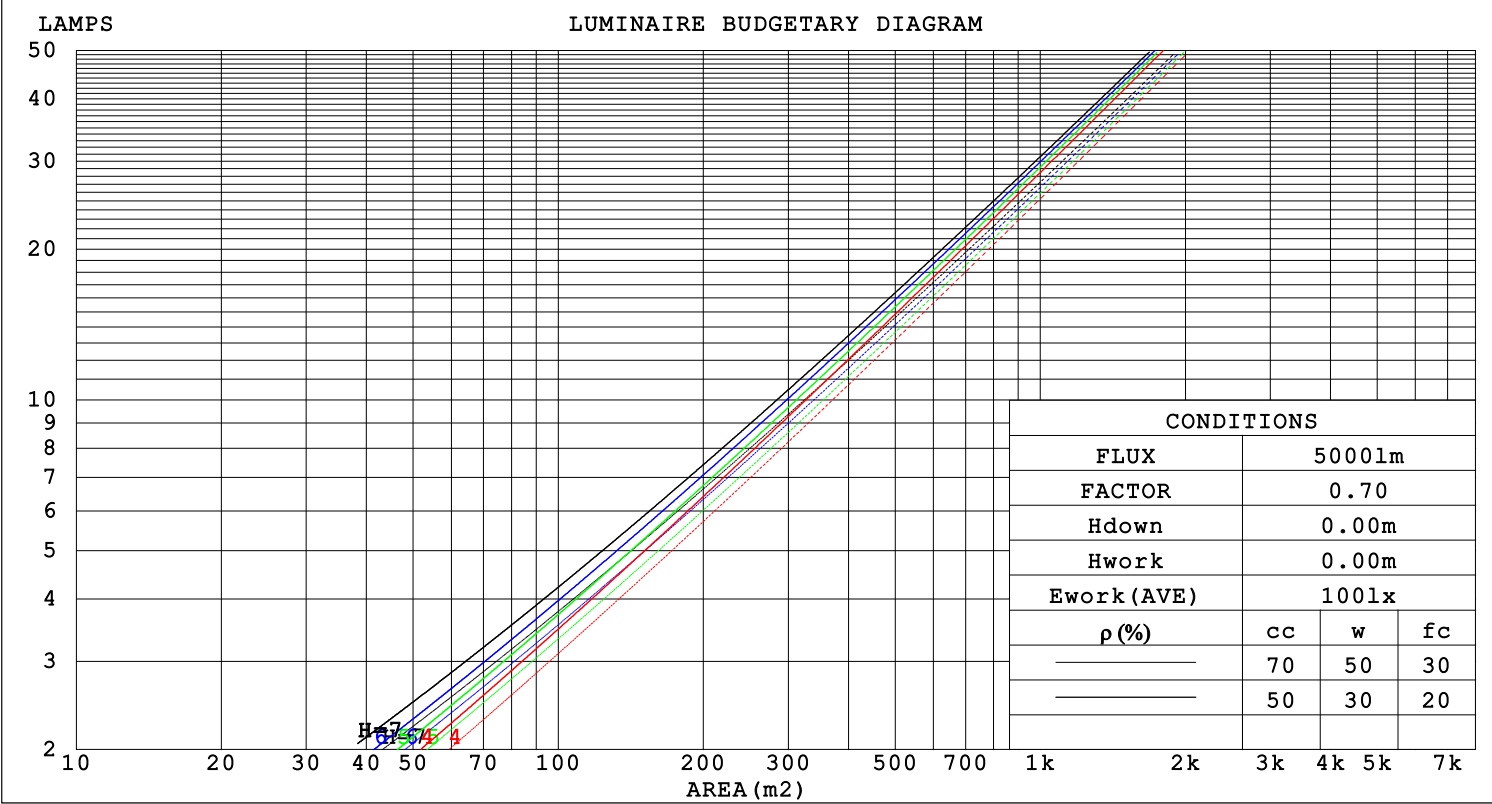
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION 55								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-63 CUTOUT-55 H-76 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	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.00	.98	.97	.96	.95	.94
2.0	1.03	.99	.96	1.02	.98	.95	.98	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82
4.0	.91	.86	.81	.90	.85	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.85	.80	.76	.85	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72
6.0	.81	.75	.71	.80	.74	.70	.78	.74	.70	.77	.73	.70	.76	.72	.69	.68
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8.0	.72	.66	.62	.71	.66	.62	.70	.66	.62	.69	.65	.62	.68	.64	.61	.60
9.0	.68	.63	.59	.68	.62	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
10.0	.65	.59	.56	.65	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION 55							TYPE: 4000K CRI-90					WEIGHT:		
SPECIFICATION: OSRAM 250 MA							DIMENSION: D-63 CUTOUT-55 H-76 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	.177	.100	.032	.170	.097	.031	.157	.090	.029	.146	.084	.027	.135	.078	.025	
2.0	.167	.092	.028	.161	.089	.027	.151	.084	.026	.141	.079	.025	.132	.075	.024	
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.075	.023	.128	.071	.022	
4.0	.150	.078	.023	.146	.076	.023	.138	.073	.022	.131	.070	.021	.124	.068	.021	
5.0	.143	.073	.021	.139	.071	.021	.132	.069	.020	.126	.067	.020	.120	.064	.019	
6.0	.136	.068	.020	.133	.067	.019	.127	.065	.019	.121	.063	.019	.116	.061	.018	
7.0	.130	.064	.018	.127	.063	.018	.122	.062	.018	.117	.060	.017	.112	.058	.017	
8.0	.124	.061	.017	.122	.060	.017	.117	.059	.017	.113	.057	.016	.109	.056	.016	
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.105	.053	.015	
10.0	.114	.055	.015	.112	.054	.015	.109	.053	.015	.105	.052	.015	.102	.051	.015	

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	.171	.157	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.114	.085	.063	.078	.059	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.106	.075	.052	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.109	.070	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 55					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-63 CUTOUT-55 H-76 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	6.6	7.6	6.9	7.7	7.9	5.1	6.0	5.3	6.2	6.3	
	3H	6.5	7.4	6.8	7.6	7.8	4.9	5.8	5.2	6.0	6.2
	4H	6.5	7.3	6.8	7.5	7.7	4.9	5.7	5.1	5.9	6.1
	6H	6.5	7.3	6.8	7.5	7.7	4.8	5.6	5.1	5.8	6.0
	8H	6.6	7.3	6.9	7.5	7.8	4.8	5.5	5.1	5.7	6.0
	12H	6.7	7.4	7.0	7.6	7.9	4.8	5.4	5.1	5.7	6.0
4H 2H	6.4	7.2	6.7	7.4	7.6	4.8	5.6	5.1	5.9	6.1	
	3H	6.3	7.0	6.6	7.2	7.5	4.8	5.4	5.1	5.7	6.0
	4H	6.2	6.9	6.6	7.2	7.5	4.7	5.4	5.1	5.7	6.0
	6H	6.3	6.8	6.7	7.2	7.5	4.7	5.3	5.1	5.6	6.0
	8H	6.4	6.9	6.8	7.3	7.6	4.7	5.2	5.1	5.6	6.0
	12H	6.6	7.1	7.0	7.4	7.8	4.7	5.2	5.2	5.6	6.0
8H 4H	6.1	6.6	6.5	7.0	7.4	4.7	5.2	5.0	5.5	5.9	
	6H	6.2	6.6	6.6	7.0	7.4	4.8	5.2	5.2	5.6	6.0
	8H	6.3	6.7	6.8	7.1	7.5	4.9	5.3	5.3	5.7	6.1
	12H	6.6	6.9	7.1	7.4	7.8	5.0	5.3	5.5	5.8	6.3
12H 4H	6.1	6.6	6.5	6.9	7.3	4.6	5.1	5.0	5.4	5.8	
	6H	6.2	6.5	6.6	7.0	7.4	4.8	5.1	5.2	5.5	6.0
	8H	6.3	6.6	6.8	7.1	7.5	4.9	5.3	5.4	5.7	6.2
Variations with the observer position at spacings:											
S = 1.0H	+ 3.1 / - 6.2					+ 2.6 / - 4.9					
1.5H	+ 5.1 / - 7.1					+ 4.5 / - 5.5					
2.0H	+ 6.8 / - 3.2					+ 3.4 / - 2.2					

CIE Pub.117 Corrected 516.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	95	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	94
2.50	110	106	103	108	105	102	105	103	100	95
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

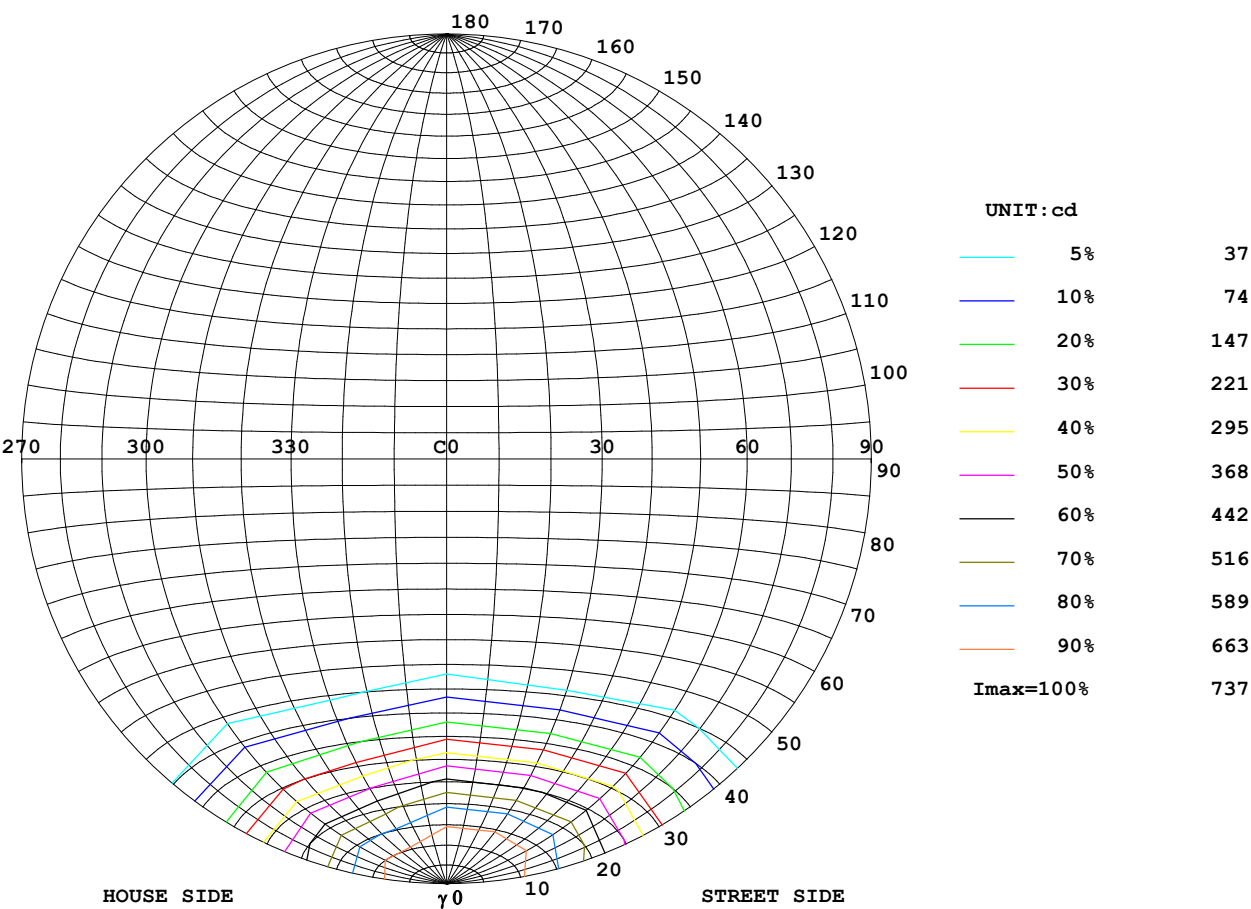
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-15-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

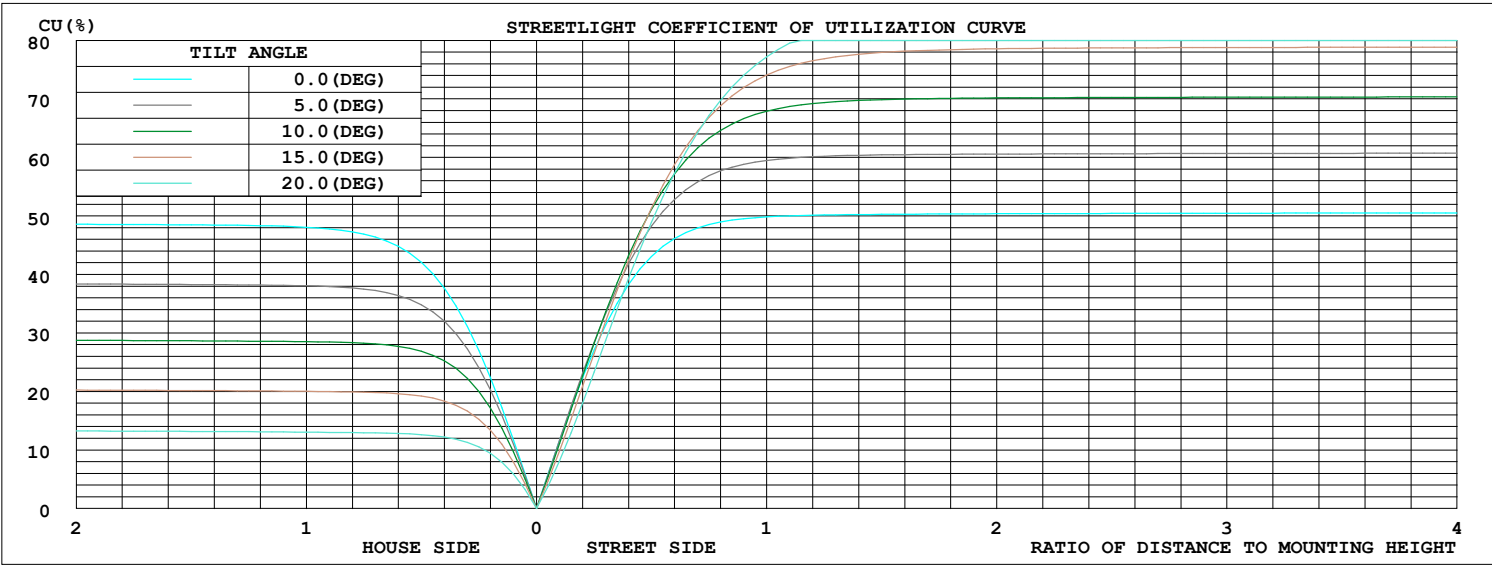
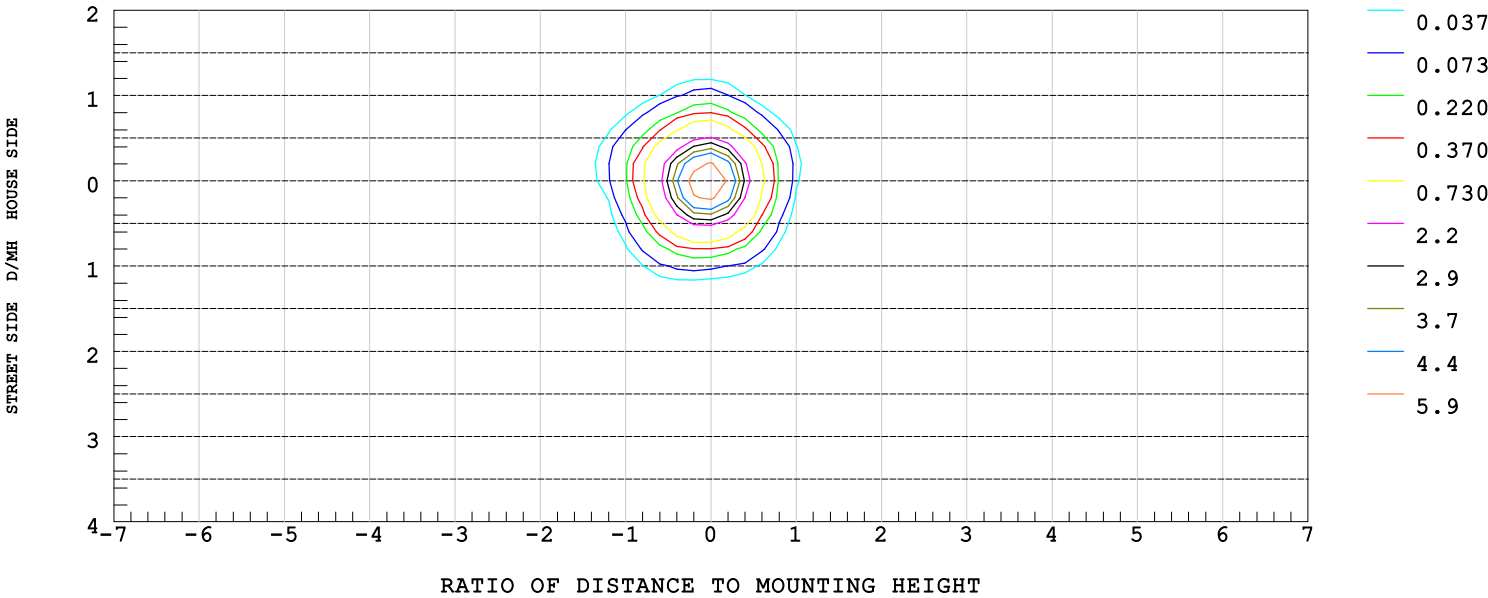
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 7.35 lx



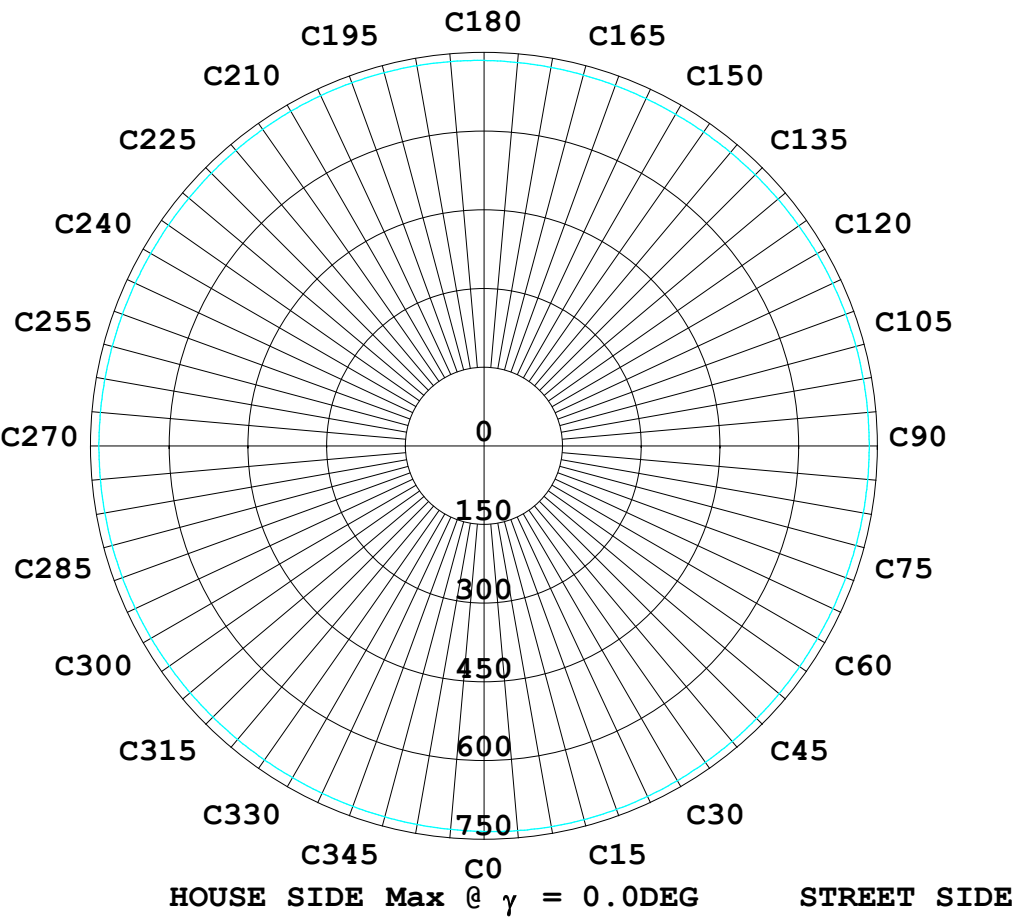
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	735	737	734	734	733	730	735	737	734	734	733	730
5.0	735	734	731	718	711	694	700	707	706	719	722	730
10.0	708	707	700	671	654	624	632	645	643	663	671	695
15.0	659	658	644	596	571	528	527	543	546	580	594	635
20.0	576	571	556	491	458	403	399	415	422	468	494	553
25.0	458	445	433	362	329	267	260	282	309	340	366	438
30.0	331	313	304	231	205	155	148	165	167	213	238	315
35.0	205	185	179	128	112	75.4	74.1	87.7	86.5	121	137	193
40.0	111	95.2	92.3	59.8	52.9	31.0	30.6	40.3	37.9	60.6	68.5	104
45.0	54.4	42.3	42.8	24.0	24.7	12.3	12.2	19.2	15.5	28.3	28.9	49.9
50.0	25.3	16.6	20.3	8.45	9.82	1.73	2.31	7.29	3.46	13.1	11.9	24.1
55.0	10.9	4.55	7.73	0.72	4.76	0.43	1.22	4.62	0.58	5.12	1.80	10.0
60.0	5.27	0.65	4.62	0.51	3.97	0.43	1.15	3.82	0.43	4.11	0.36	4.69
65.0	4.33	0.65	3.82	0.51	3.39	0.36	1.15	3.25	0.43	3.46	0.36	3.90
70.0	3.61	0.58	3.25	0.51	2.89	0.43	1.22	2.81	0.36	2.96	0.43	3.25
75.0	3.17	0.58	2.89	0.58	2.60	0.51	1.37	2.52	0.43	2.67	0.43	2.81
80.0	2.81	0.65	2.52	0.58	2.38	0.58	1.37	2.23	0.43	2.31	0.43	2.60
85.0	2.67	0.72	2.38	0.58	2.16	0.72	1.44	2.02	0.51	2.09	0.43	2.23
90.0	2.38	1.08	2.16	1.01	2.09	1.01	2.09	1.80	0.72	1.80	0.72	1.95

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K