

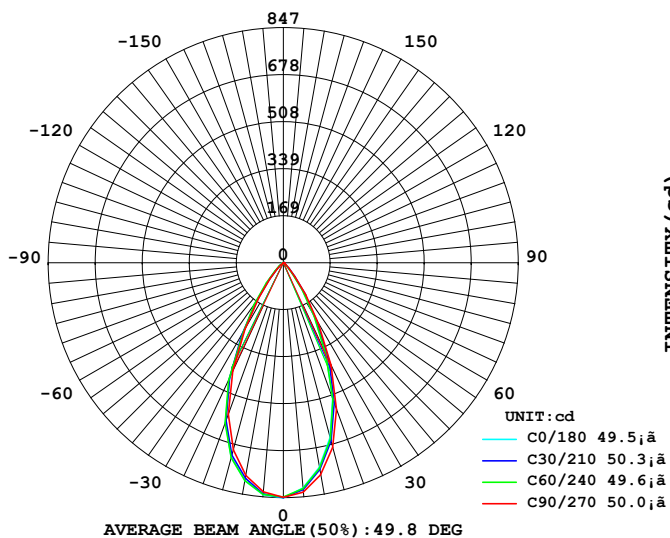
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

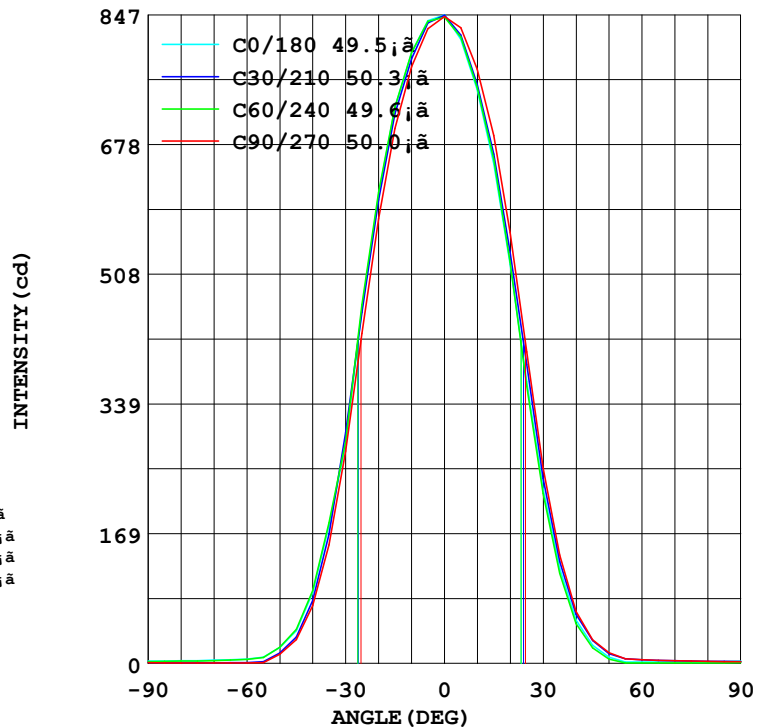
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	847.4	S/MH (C0/180)	0.79
MODEL	FLEXION 55	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.78
NOMINAL POWER (W)	6	TOTAL FLUX (lm)	596.27	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	100.2	Current (A)	0.028
NOMINAL FLUX (lm)	596.3	η up (%)	0.0	Power (W)	5.950
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	555.6	EEI	0.124

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 9.800 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

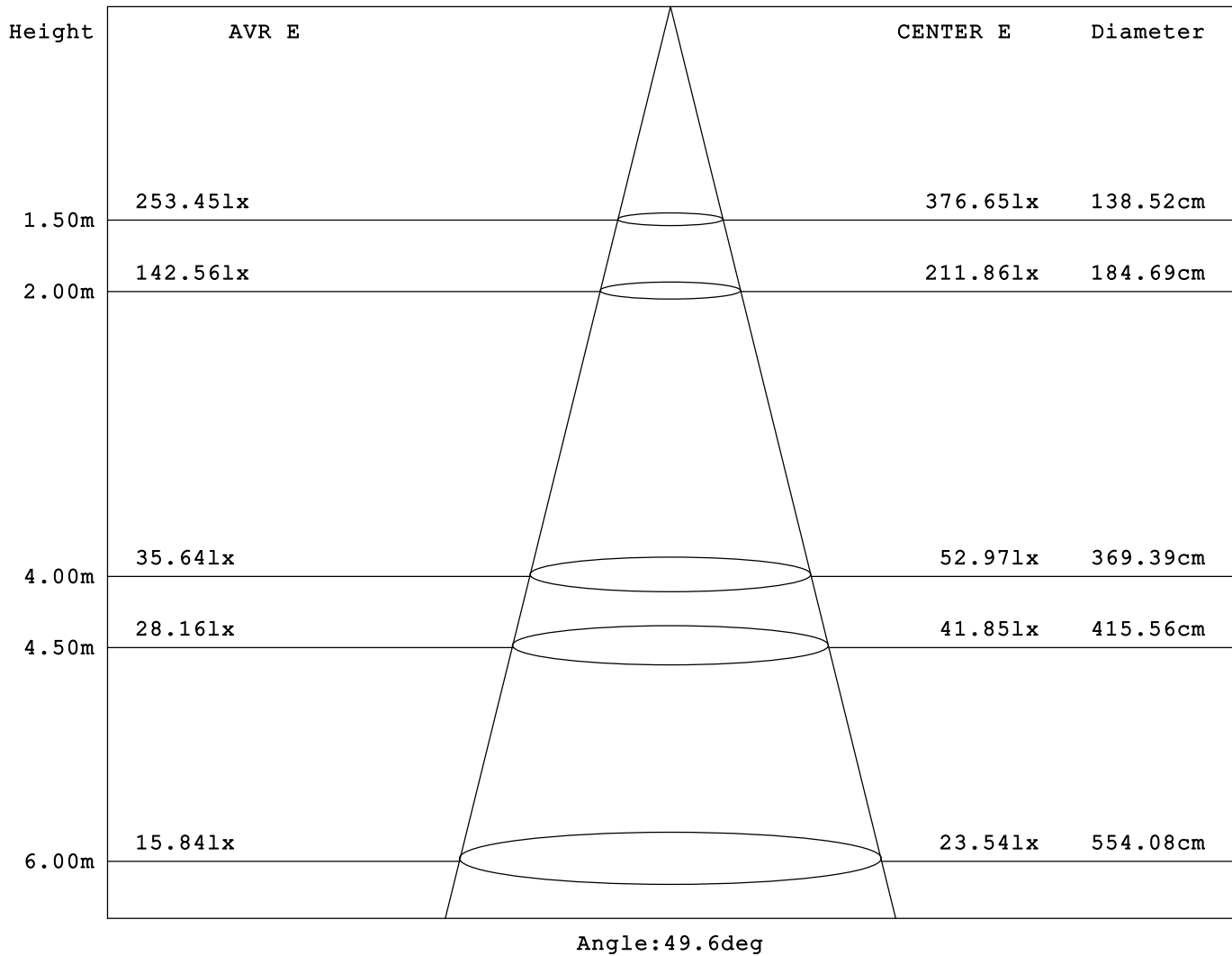
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

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: 5700K 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:9.800 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K 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	797.8	793.9	779.3	758.9	749.6	754.8	776.3	788.6	0- 10	77.31	77.31
20.0	611.8	610.6	580.7	543.3	521.5	530.6	562.7	591.7	10- 20	190.9	268.2
30.0	286.7	295.8	277.3	250.1	227.9	231.9	255.6	273.2	20- 30	189.5	457.7
40.0	92.77	88.64	75.48	66.98	56.66	58.10	67.90	76.39	30- 40	97.81	555.5
50.0	20.64	17.43	11.71	11.86	7.971	9.219	14.11	14.26	40- 50	28.52	584.1
60.0	5.762	3.025	0.480	2.689	1.824	2.737	4.802	2.785	50- 60	5.410	589.5
70.0	4.225	2.256	0.480	2.064	1.824	2.064	3.457	2.064	60- 70	2.526	592.0
80.0	3.361	1.968	0.672	1.728	2.016	1.680	2.689	1.632	70- 80	2.168	594.2
90.0	2.977	2.016	1.152	1.824	3.073	1.632	2.208	1.488	80- 90	2.056	596.2
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:9.800 m
 Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	364	88
80	194	39
75	145	26
70	124	14
65	114	14
60	115	10
55	144	20
50	321	182
45	608	441

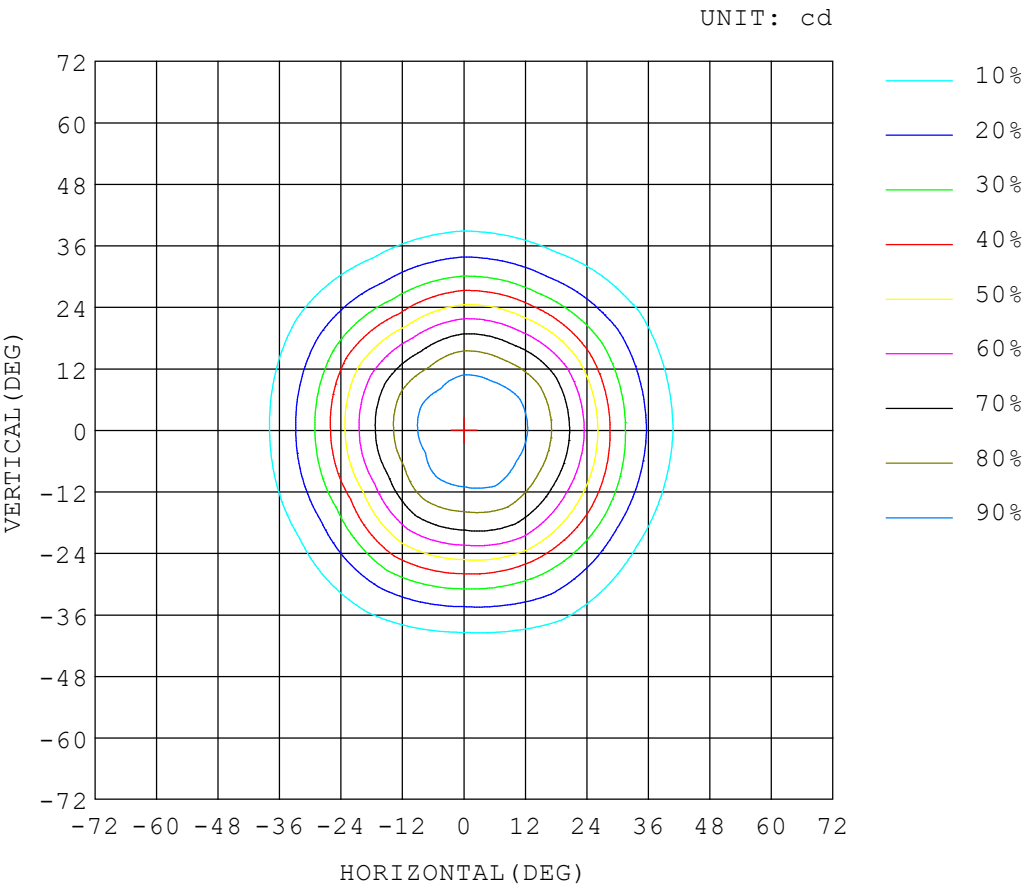
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



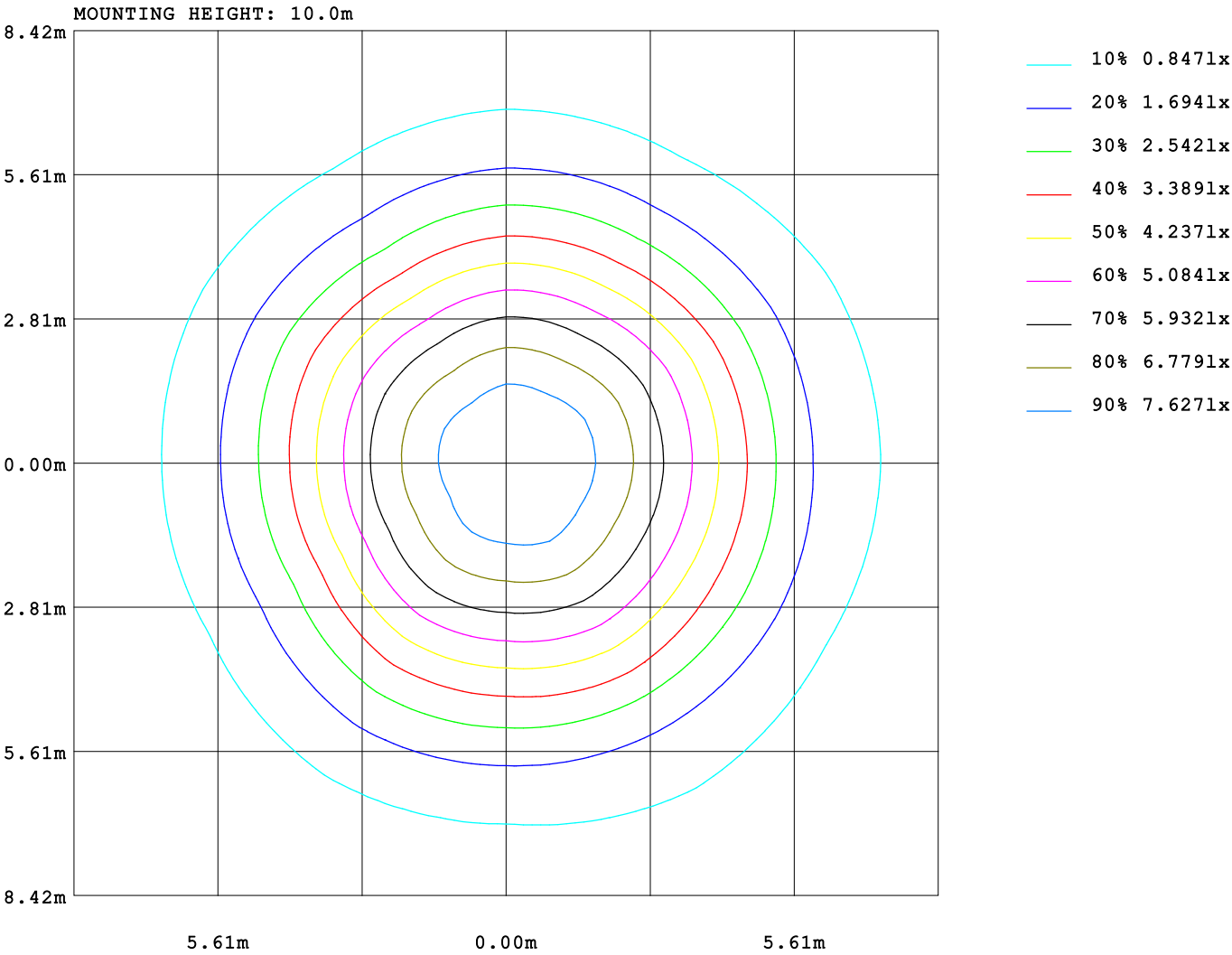
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K 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:9.800 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: FLEXION 55

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

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

SERIAL No.:

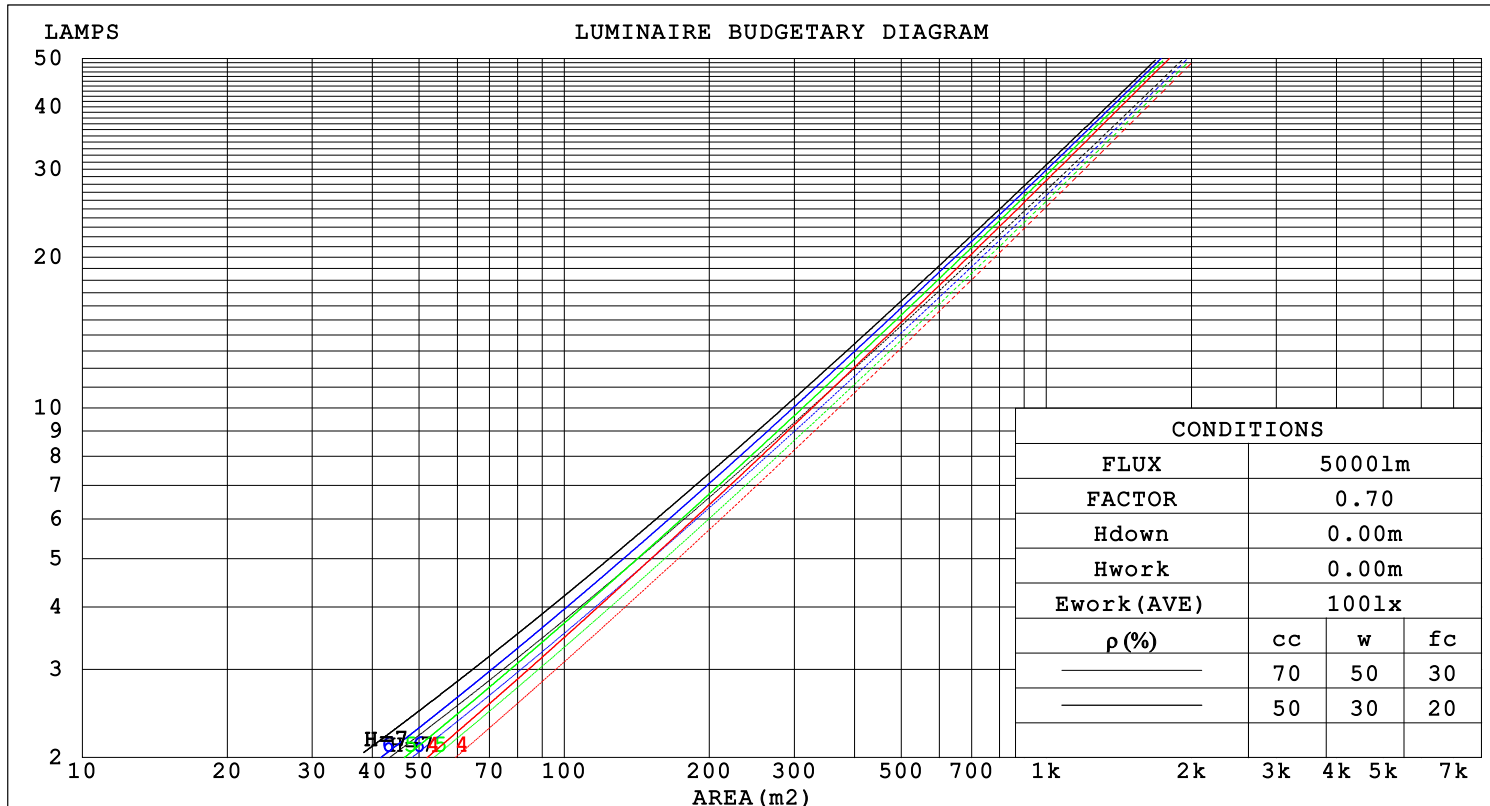
72	AREA FLUX DIAGRAM																UNIT:lm				Φ t	Φ a
	0.02	0.03	0.03	0.03	0.02	0.01	0.03	0.04	0.06	0.06	0.04	0.02	0.01	0.02	0.03	0.03	0.03	0.02	0.54	0.00		
64	0.02	0.03	0.04	0.03	0.03	0.01	0.03	0.05	0.08	0.08	0.05	0.03	0.01	0.03	0.03	0.04	0.03	0.02	0.64	0.00		
56	0.02	0.03	0.04	0.04	0.04	0.02	0.05	0.12	0.19	0.20	0.13	0.06	0.03	0.04	0.04	0.04	0.03	0.02	1.17	0.00		
48	0.02	0.03	0.05	0.06	0.08	0.14	0.27	0.51	0.72	0.74	0.57	0.33	0.20	0.10	0.07	0.05	0.04	0.03	3.99	0.00		
40	0.02	0.03	0.05	0.10	0.23	0.52	0.99	1.71	2.36	2.45	1.91	1.20	0.67	0.32	0.13	0.07	0.04	0.03	12.8	7.48		
32	0.02	0.03	0.05	0.18	0.55	1.35	2.68	4.32	5.78	6.01	4.87	3.22	1.75	0.75	0.27	0.09	0.05	0.03	32.0	28.9		
24	0.02	0.03	0.06	0.28	1.01	2.70	5.33	8.06	10.2	10.6	9.02	6.25	3.41	1.41	0.45	0.12	0.05	0.03	59.1	56.8		
VERTICAL (DEG)	0.02	0.02	0.07	0.40	1.48	4.08	8.00	11.5	13.7	14.1	12.5	9.29	5.01	2.09	0.64	0.16	0.06	0.03	83.4	81.4		
	0.01	0.02	0.08	0.46	1.78	4.85	9.33	13.3	15.5	15.9	14.3	10.8	6.03	2.53	0.77	0.19	0.06	0.03	96.2	94.4		
	0.01	0.02	0.07	0.44	1.74	4.75	9.17	13.1	15.5	16.0	14.3	10.8	6.06	2.51	0.76	0.19	0.06	0.03	95.7	93.9		
	0.01	0.01	0.05	0.36	1.39	3.85	7.66	11.7	14.1	14.4	12.8	9.32	5.08	2.03	0.60	0.14	0.05	0.03	83.7	81.8		
	0.01	0.01	0.03	0.22	0.89	2.58	5.54	8.89	10.8	11.1	9.78	6.64	3.46	1.32	0.39	0.09	0.04	0.02	61.9	59.7		
	0.01	0.01	0.01	0.11	0.48	1.44	3.19	5.18	6.39	6.54	5.52	3.75	1.91	0.70	0.20	0.05	0.03	0.02	35.5	33.0		
	0.01	0.01	0.01	0.03	0.22	0.65	1.40	2.18	2.70	2.80	2.45	1.70	0.85	0.33	0.07	0.02	0.02	0.02	15.5	11.1		
	0.01	0.01	0.01	0.02	0.08	0.25	0.49	0.70	0.82	0.86	0.79	0.59	0.33	0.12	0.03	0.01	0.02	0.02	5.15	0.00		
	0.01	0.01	0.01	0.02	0.05	0.09	0.14	0.16	0.17	0.18	0.19	0.17	0.11	0.06	0.03	0.01	0.01	0.01	1.41	0.00		
	0.01	0.01	0.01	0.02	0.04	0.07	0.07	0.05	0.03	0.03	0.05	0.07	0.07	0.05	0.03	0.01	0.01	0.01	0.65	0.00		
-24	0.01	0.01	0.01	0.03	0.04	0.06	0.05	0.04	0.02	0.02	0.04	0.05	0.06	0.04	0.03	0.02	0.01	0.01	0.54	0.00		
-32																						
-40																						
-48																						
-56																						
-64																						
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	0.24	0.34	0.70	2.83	10.1	27.4	54.4	81.8	99.5	102	89.5	64.3	35.0	14.4	4.57	1.34	0.63	0.42	596			
Φ a	0.00	0.00	0.00	0.00	5.41	24.2	51.7	79.2	96.9	99.8	86.9	61.7	32.0	10.5	0.18	0.00	0.00	0.00		556		

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:9.800 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	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.00	.98	.98	.96	.95	.94														
2.0	1.03	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88														
3.0	.97	.92	.88	.96	.91	.88	.93	.89	.86	.91	.87	.85	.88	.86	.84	.82														
4.0	.91	.86	.82	.90	.85	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77														
5.0	.86	.80	.76	.85	.79	.76	.83	.78	.75	.81	.77	.74	.80	.76	.74	.72														
6.0	.81	.75	.71	.80	.75	.71	.78	.74	.70	.77	.73	.70	.76	.72	.69	.68														
7.0	.76	.71	.67	.76	.70	.66	.74	.70	.66	.73	.69	.66	.72	.68	.65	.64														
8.0	.72	.67	.63	.72	.66	.63	.71	.66	.62	.70	.65	.62	.69	.65	.62	.60														
9.0	.69	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.58	.57														
10.0	.65	.60	.56	.65	.59	.56	.64	.59	.56	.63	.59	.56	.62	.58	.55	.54														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION 55							TYPE: 5700K 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	.176	.100	.032	.169	.097	.031	.157	.090	.029	.145	.084	.027	.135	.078	.025	
2.0	.167	.091	.028	.161	.089	.027	.150	.084	.026	.141	.079	.025	.132	.074	.023	
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.074	.023	.128	.071	.022	
4.0	.150	.078	.023	.145	.076	.022	.138	.073	.022	.130	.070	.021	.124	.067	.020	
5.0	.142	.072	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	.120	.064	.019	
6.0	.135	.068	.019	.132	.067	.019	.126	.065	.019	.121	.063	.018	.116	.061	.018	
7.0	.129	.064	.018	.127	.063	.018	.121	.061	.018	.117	.060	.017	.112	.058	.017	
8.0	.124	.060	.017	.121	.060	.017	.117	.058	.017	.112	.057	.016	.108	.056	.016	
9.0	.119	.057	.016	.116	.057	.016	.112	.055	.016	.108	.054	.016	.105	.053	.015	
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.105	.052	.015	.101	.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	.122	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.132	.099	.073	.114	.085	.064	.078	.059	.045	.045	.035	.026	.015	.011	.009	
5.0	.123	.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	.103	.064	.037	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.098	.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:9.800 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 55					TYPE: 5700K 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	5.2	6.1	5.4	6.3	6.5	5.1	6.0	5.4	6.2	6.4	
	3H	5.1	6.0	5.4	6.2	6.4	5.0	5.8	5.3	6.0	6.2
	4H	5.2	6.0	5.4	6.2	6.4	4.9	5.7	5.2	5.9	6.2
	6H	5.3	6.0	5.6	6.3	6.5	4.9	5.6	5.2	5.9	6.1
	8H	5.4	6.1	5.7	6.4	6.6	4.8	5.6	5.2	5.8	6.1
	12H	5.6	6.3	5.9	6.6	6.9	4.8	5.5	5.2	5.8	6.1
4H 2H	5.0	5.8	5.3	6.0	6.2	4.9	5.7	5.2	5.9	6.1	
	3H	4.9	5.6	5.2	5.9	6.1	4.8	5.5	5.1	5.8	6.1
	4H	4.9	5.6	5.3	5.9	6.2	4.8	5.4	5.2	5.7	6.0
	6H	5.1	5.7	5.5	6.0	6.4	4.8	5.4	5.2	5.7	6.1
	8H	5.3	5.8	5.7	6.2	6.6	4.8	5.3	5.2	5.7	6.1
	12H	5.7	6.2	6.1	6.5	6.9	4.9	5.3	5.3	5.7	6.1
8H 4H	4.9	5.4	5.3	5.7	6.1	4.7	5.3	5.1	5.6	6.0	
	6H	5.1	5.5	5.5	5.9	6.3	4.9	5.3	5.3	5.7	6.1
	8H	5.3	5.7	5.7	6.1	6.5	5.0	5.4	5.5	5.8	6.3
	12H	5.8	6.1	6.3	6.6	7.0	5.2	5.6	5.7	6.0	6.5
12H 4H	4.8	5.3	5.3	5.7	6.1	4.7	5.2	5.1	5.5	5.9	
	6H	5.1	5.4	5.5	5.8	6.3	4.9	5.3	5.3	5.7	6.1
	8H	5.3	5.6	5.8	6.1	6.5	5.1	5.4	5.6	5.9	6.4
Variations with the observer position at spacings:											
S = 1.0H	+ 2.7 / - 4.4					+ 2.4 / - 4.5					
1.5H	+ 4.8 / - 5.0					+ 4.3 / - 5.2					
2.0H	+ 5.4 / - 1.9					+ 3.8 / - 1.9					

CIE Pub.117 Corrected 596.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.8)

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:9.800 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 55	TYPE: 5700K 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	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	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	109	105	102	105	103	101	95
3.00	112	108	106	110	107	104	107	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		

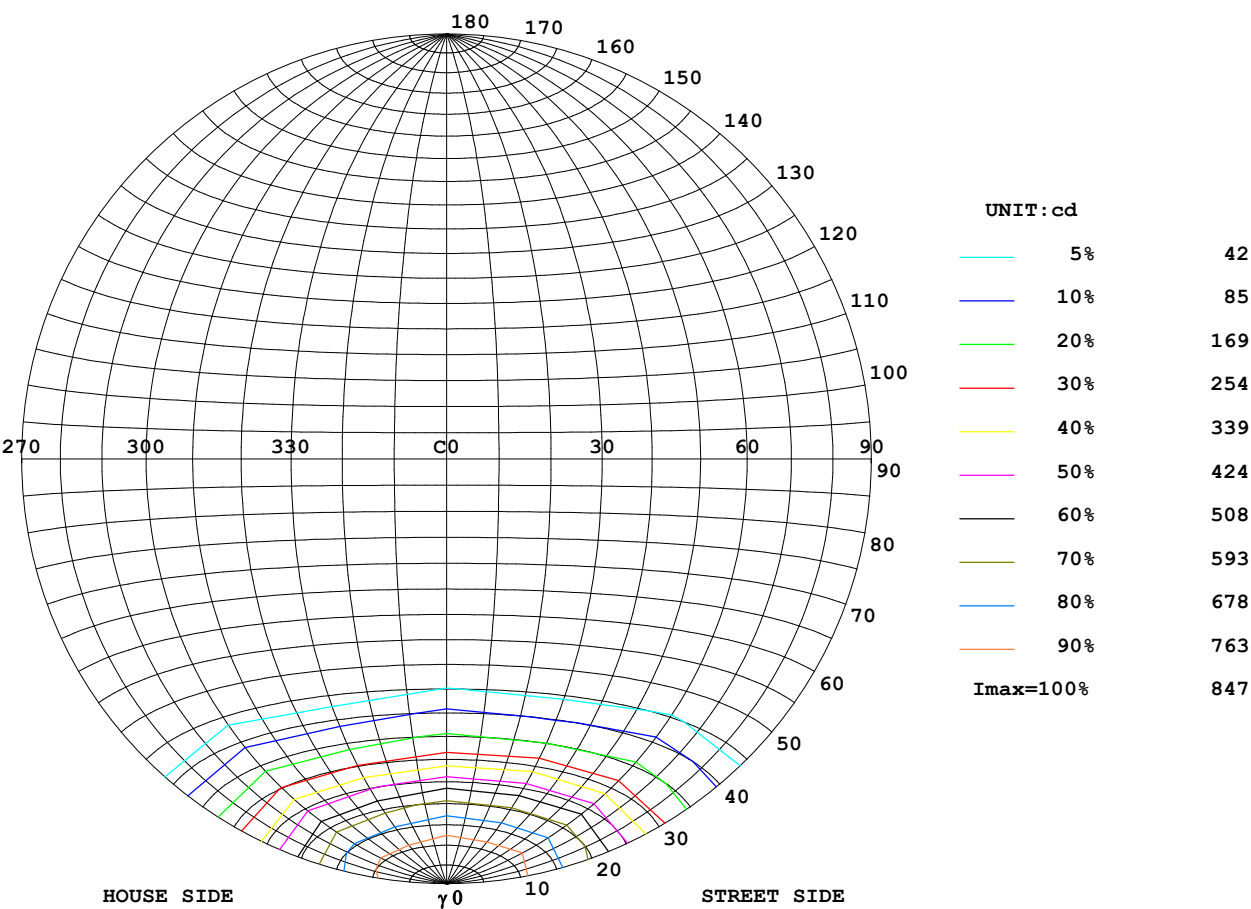
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-15-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.800 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

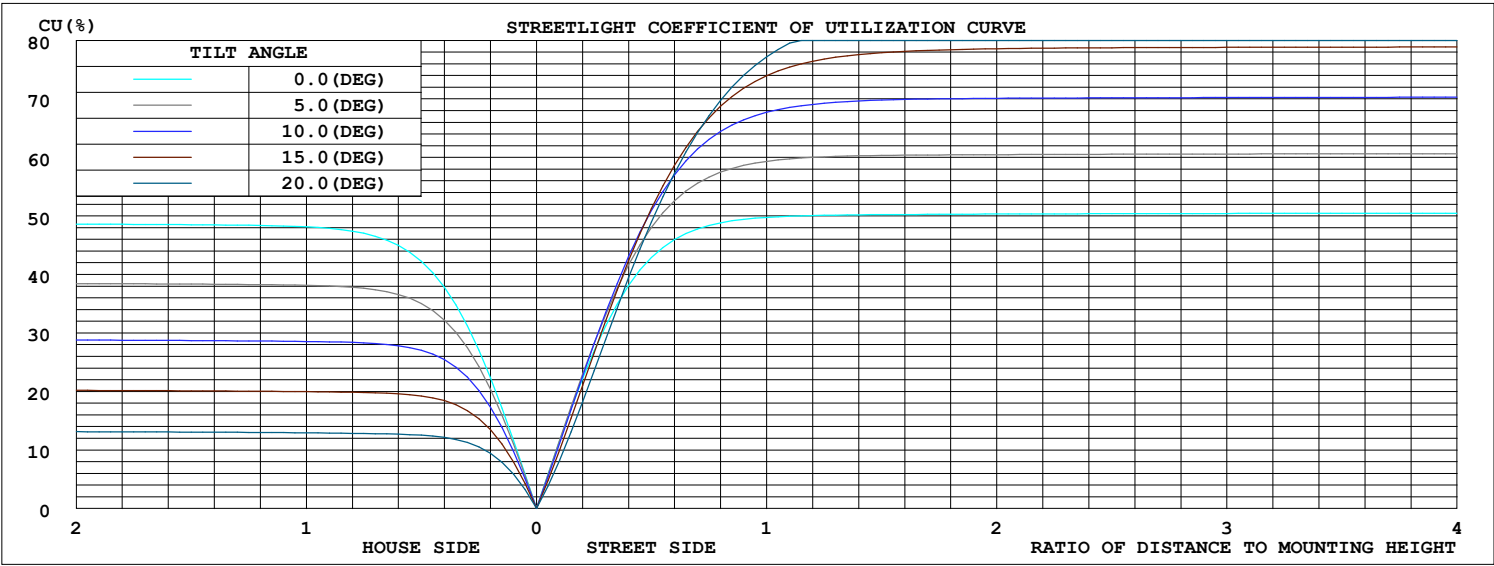
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 8.47 lx



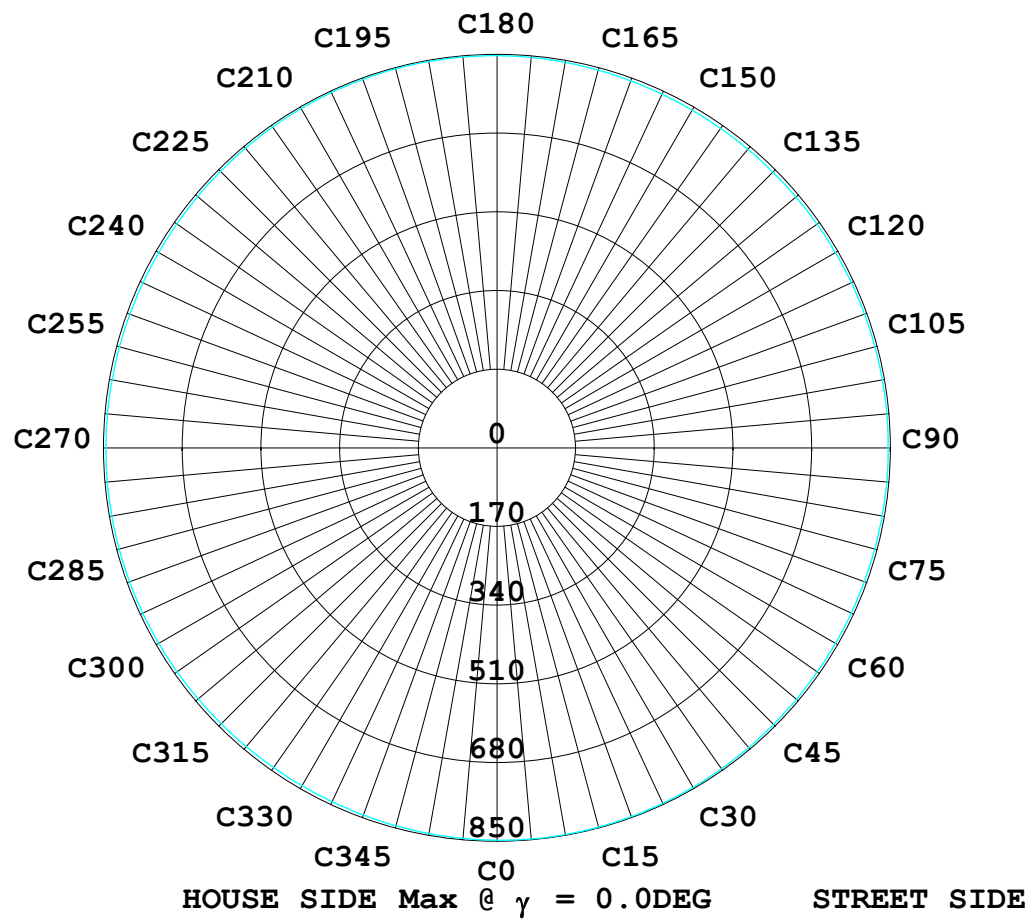
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-15-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K 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:9.800 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 5700K 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	847	847	844	845	844	843	847	847	844	845	844	843
5.0	840	837	839	829	825	810	815	821	818	830	830	838
10.0	798	790	798	779	772	746	750	757	753	776	779	798
15.0	726	718	727	699	692	650	653	666	659	689	696	726
20.0	612	606	616	581	571	516	522	537	524	563	572	612
25.0	463	459	469	431	424	358	368	390	362	407	418	460
30.0	287	302	290	277	276	225	228	242	222	256	258	289
35.0	181	169	184	155	156	121	124	133	118	142	138	177
40.0	92.7	82.2	95.0	75.4	78.6	55.3	56.6	64.3	51.8	67.9	63.0	89.7
45.0	43.0	34.6	44.3	31.2	36.9	22.9	23.6	29.9	20.3	30.6	24.7	40.4
50.0	20.6	13.7	21.1	11.7	16.8	6.91	7.97	12.7	5.66	14.1	8.93	19.5
55.0	8.25	2.20	7.68	1.15	6.33	0.58	1.82	5.95	0.67	5.95	0.86	7.49
60.0	5.76	0.86	5.18	0.48	4.89	0.48	1.82	4.89	0.58	4.80	0.48	5.09
65.0	4.80	0.86	4.41	0.58	4.12	0.38	1.72	4.03	0.48	4.03	0.38	4.22
70.0	4.22	0.77	3.74	0.48	3.64	0.48	1.82	3.55	0.58	3.45	0.48	3.64
75.0	3.74	0.86	3.26	0.67	3.16	0.58	1.82	3.07	0.48	3.07	0.48	3.16
80.0	3.36	0.96	2.97	0.67	2.88	0.58	2.01	2.78	0.58	2.68	0.48	2.78
85.0	3.16	1.05	2.78	0.77	2.59	0.77	2.20	2.59	0.67	2.49	0.58	2.49
90.0	2.97	1.53	2.49	1.15	2.49	1.15	3.07	2.30	0.96	2.20	0.86	2.11

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:9.800 m
Remarks: 5700K