

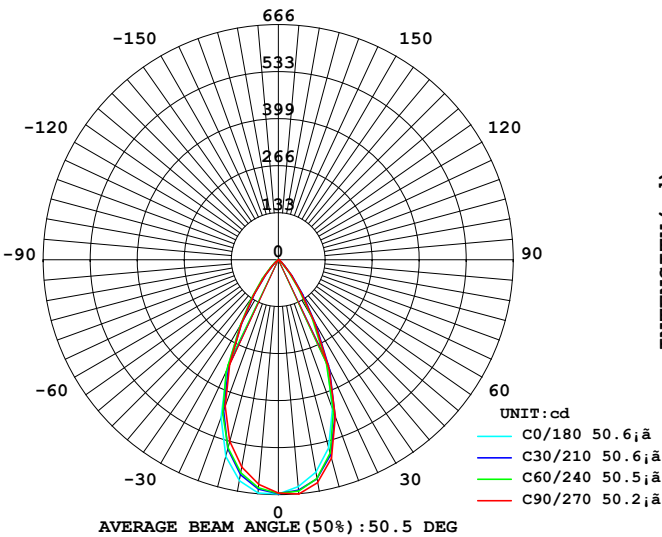
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

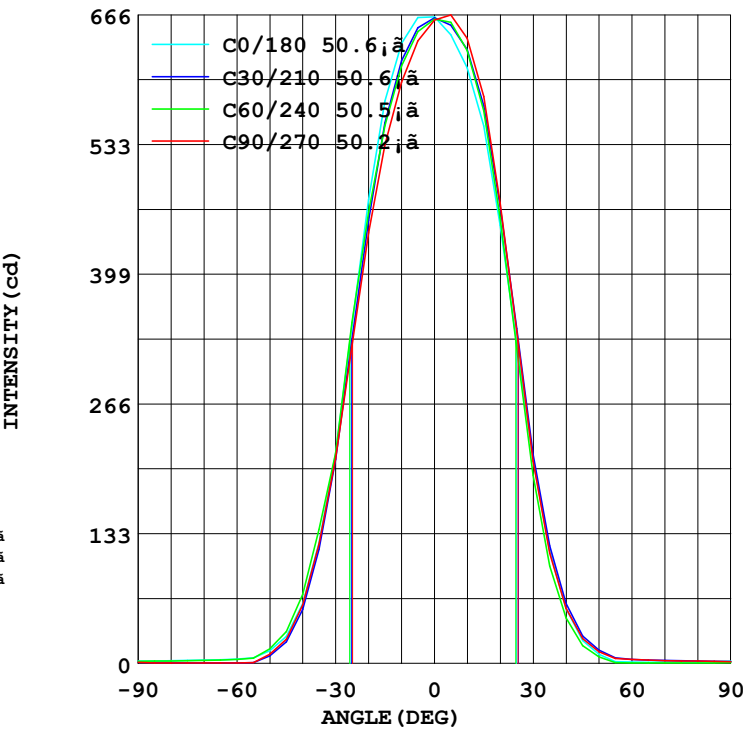
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	666.7	S/MH (C0/180)	0.78
MODEL	FLEXION 55	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.77
NOMINAL POWER (W)	6	TOTAL FLUX (lm)	478.35	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	80.0	Current (A)	0.027
NOMINAL FLUX (lm)	478.4	η up (%)	0.0	Power (W)	5.980
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	219.8	Effictive Flux (lm)	445.7	EEI	0.148

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

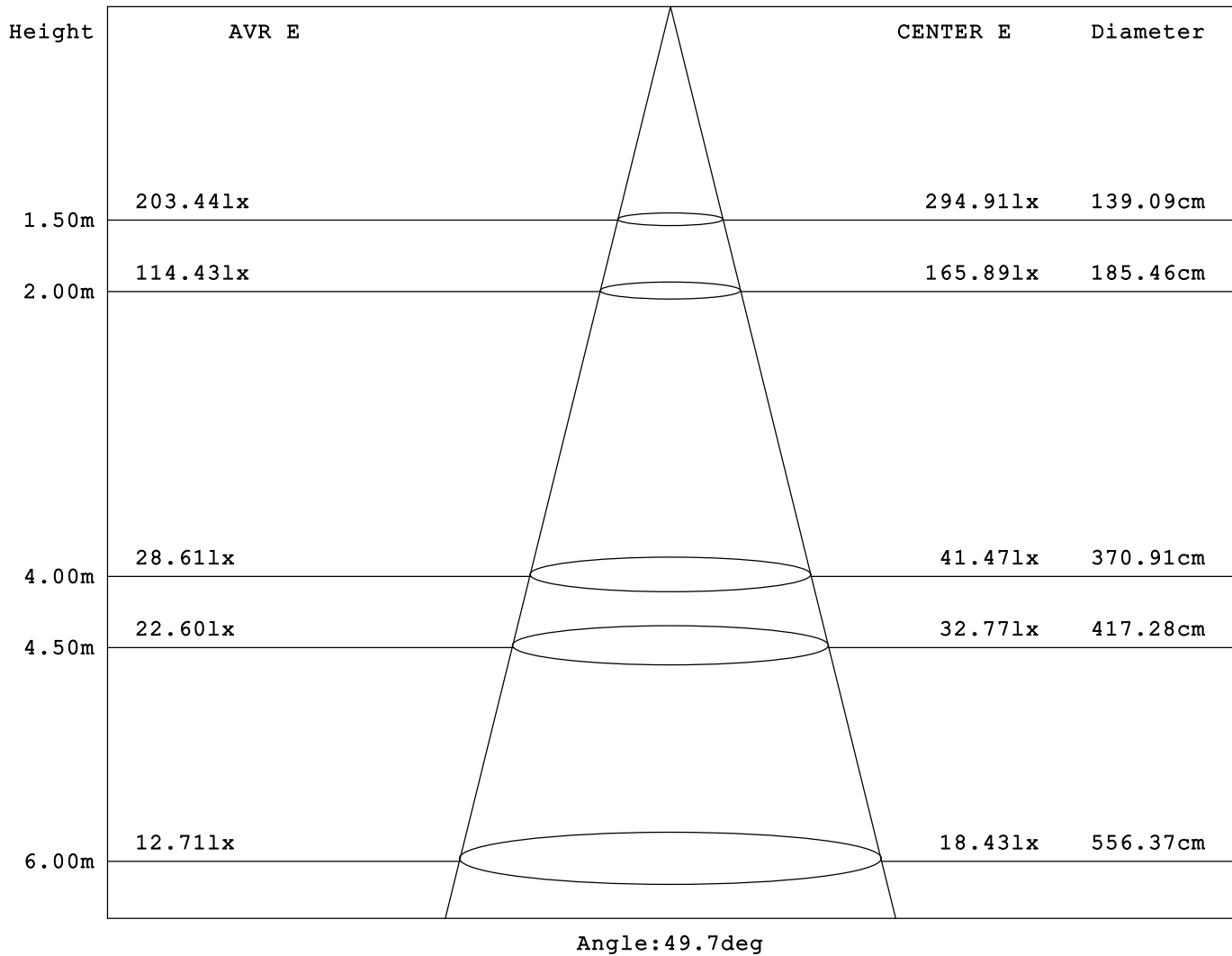
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 3000K

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: 3000K 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:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K 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	636.1	615.8	596.5	595.3	611.1	629.6	641.4	640.5	0- 10	61.25	61.25
20.0	475.9	458.7	441.7	443.6	449.6	463.3	472.7	473.7	10- 20	154.0	215.3
30.0	215.6	212.5	210.7	211.8	209.3	203.9	207.7	203.8	20- 30	152.5	367.8
40.0	61.12	63.03	60.03	62.31	56.42	54.04	56.49	54.54	30- 40	77.82	445.6
50.0	13.07	11.45	9.320	11.88	9.248	10.07	11.99	9.428	40- 50	22.81	468.4
60.0	4.479	2.420	0.506	2.348	1.445	2.312	4.046	2.239	50- 60	4.346	472.8
70.0	3.323	1.842	0.433	1.697	1.372	1.734	2.890	1.697	60- 70	2.075	474.8
80.0	2.673	1.589	0.506	1.481	1.517	1.445	2.312	1.408	70- 80	1.784	476.6
90.0	2.384	1.625	1.011	1.445	2.384	1.336	1.734	1.228	80- 90	1.676	478.3
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:07-14-2025

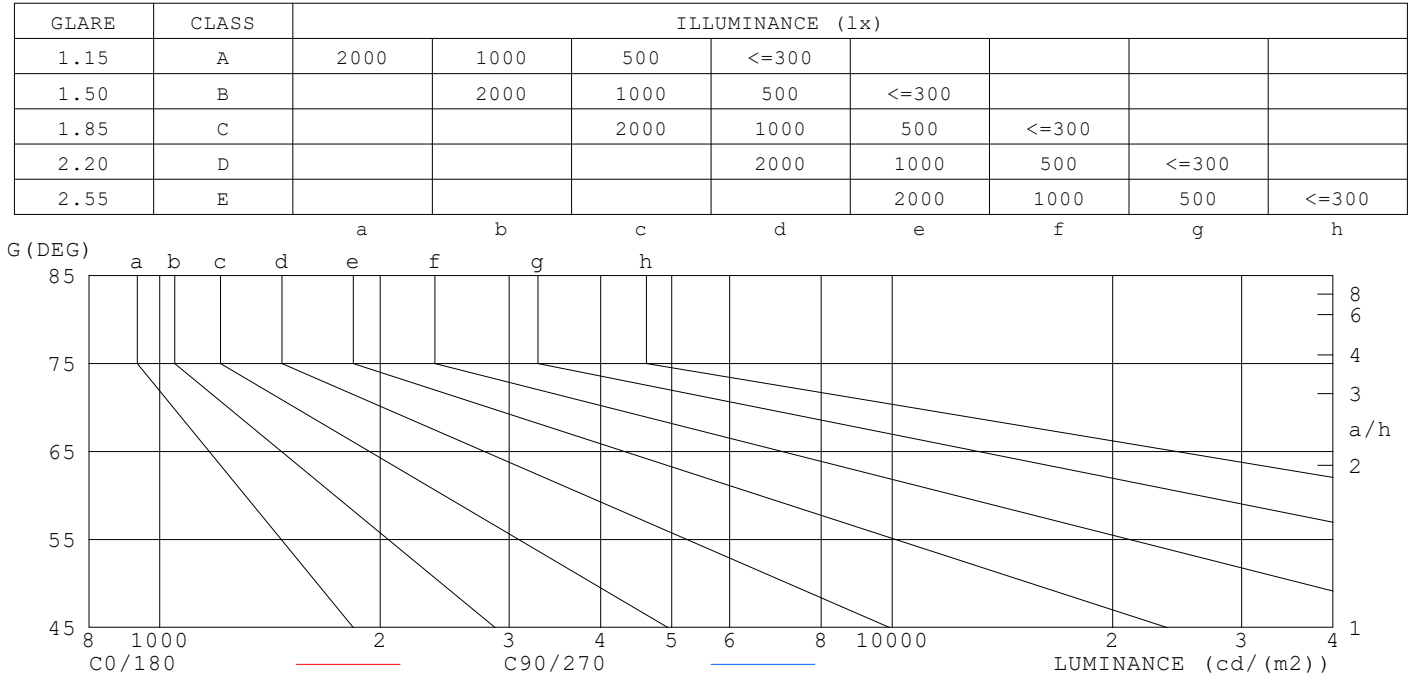
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	290	75
80	154	29
75	114	20
70	97	13
65	89	10
60	90	10
55	98	14
50	203	145
45	394	351

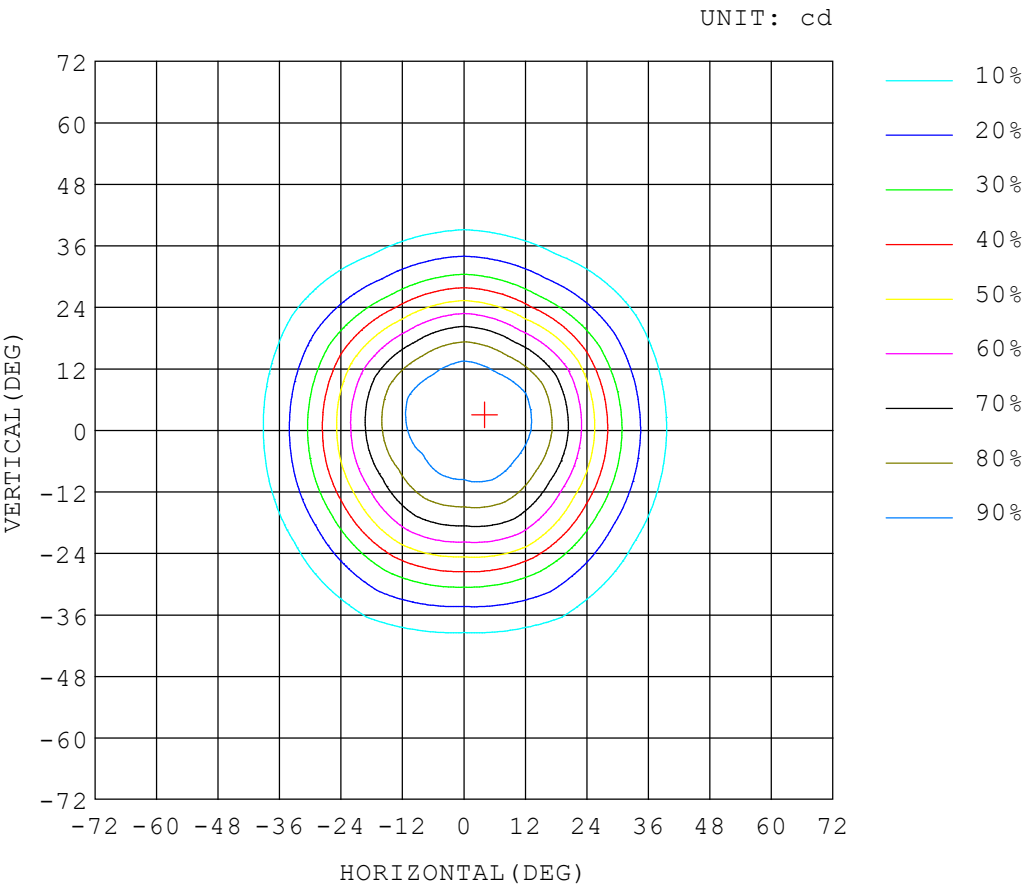
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:



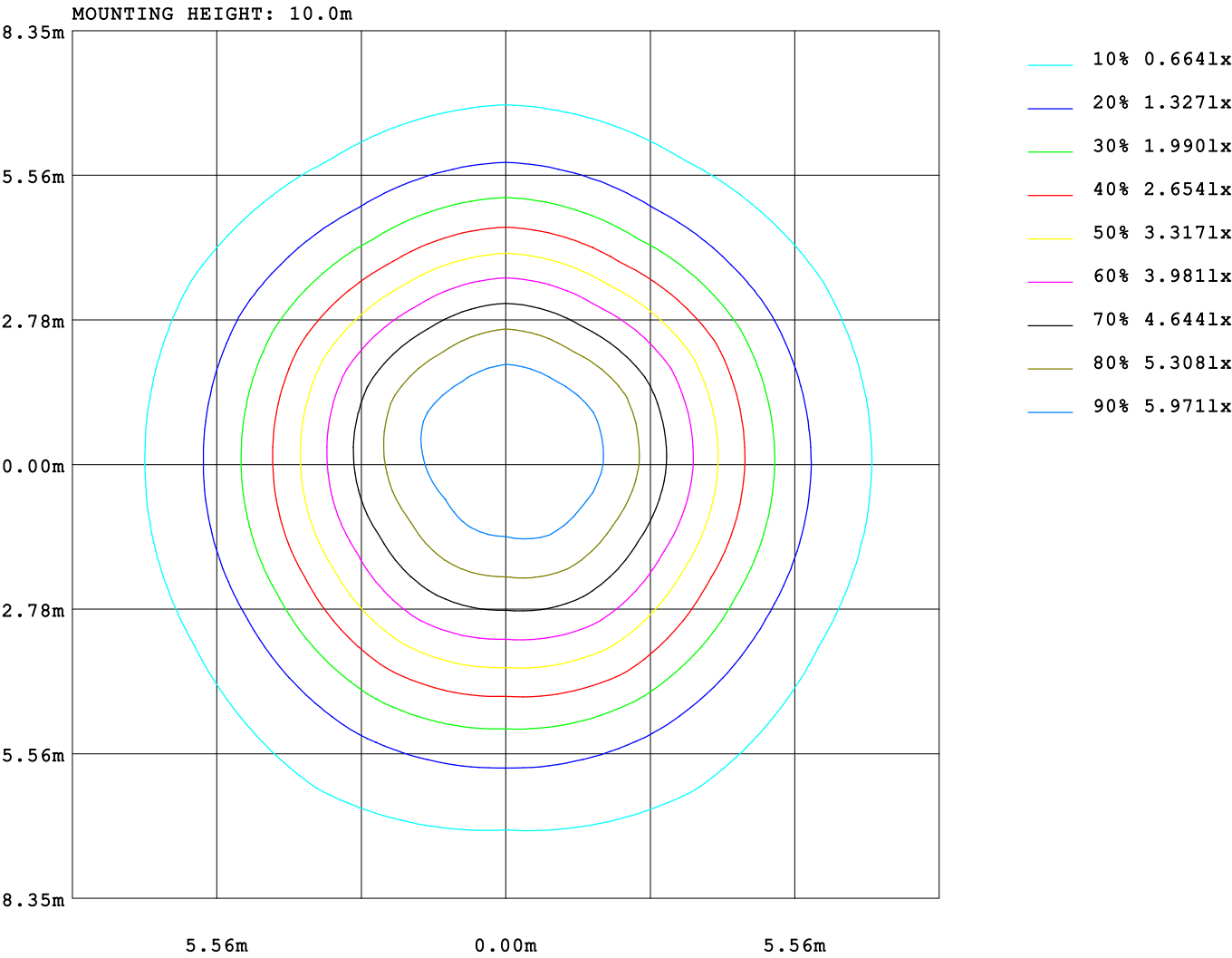
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K 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:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: FLEXION 55

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

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

SERIAL No.:

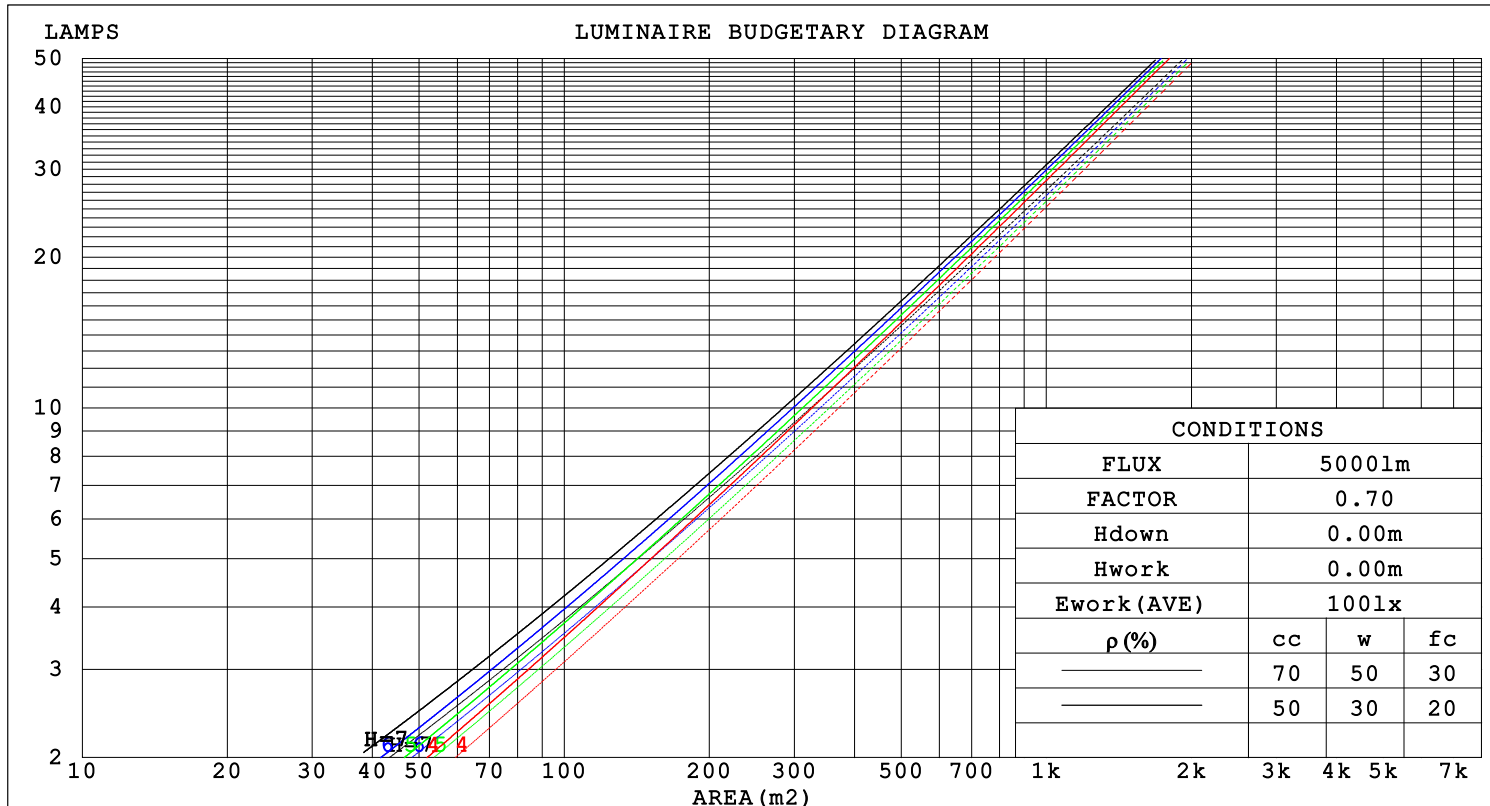
		AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
VERTICAL (DEG)	72																				
	64	0.02	0.02	0.03	0.02	0.02	0.01	0.02	0.04	0.05	0.05	0.04	0.02	0.01	0.02	0.02	0.03	0.02	0.02	0.45	0.00
	56	0.02	0.02	0.03	0.03	0.02	0.01	0.02	0.05	0.07	0.07	0.04	0.02	0.01	0.02	0.03	0.03	0.03	0.02	0.54	0.00
	48	0.02	0.03	0.04	0.04	0.03	0.02	0.05	0.11	0.17	0.17	0.11	0.05	0.02	0.03	0.04	0.04	0.03	0.02	0.99	0.00
	40	0.02	0.03	0.04	0.05	0.08	0.14	0.25	0.45	0.61	0.61	0.44	0.24	0.13	0.07	0.05	0.04	0.03	0.02	3.30	0.00
	32	0.02	0.03	0.05	0.10	0.23	0.48	0.88	1.45	1.93	1.94	1.46	0.89	0.48	0.22	0.09	0.05	0.03	0.02	10.3	6.16
	24	0.01	0.02	0.05	0.18	0.52	1.22	2.34	3.72	4.85	4.85	3.73	2.36	1.24	0.52	0.18	0.06	0.04	0.02	25.9	23.5
	16	0.01	0.02	0.06	0.28	0.96	2.42	4.70	7.08	8.74	8.76	7.13	4.77	2.45	0.98	0.30	0.08	0.04	0.02	48.8	47.0
	8	0.01	0.02	0.08	0.39	1.38	3.65	7.02	9.97	11.5	11.6	10.1	7.29	3.73	1.44	0.43	0.11	0.04	0.03	69.0	67.5
	0	0.01	0.02	0.09	0.45	1.66	4.36	8.09	11.1	12.5	12.7	11.5	8.48	4.53	1.75	0.51	0.13	0.04	0.03	78.2	76.7
	-8	0.01	0.01	0.08	0.44	1.64	4.30	7.88	10.7	12.1	12.4	11.2	8.27	4.47	1.74	0.49	0.12	0.04	0.02	76.1	74.7
	-16	0.01	0.01	0.06	0.36	1.32	3.53	6.65	9.43	10.8	11.0	9.76	6.89	3.62	1.39	0.39	0.09	0.03	0.02	65.5	64.0
	-24	0.01	0.01	0.04	0.23	0.87	2.37	4.73	7.12	8.35	8.44	7.31	4.82	2.42	0.89	0.25	0.06	0.03	0.02	48.0	46.3
	-32	0.01	0.01	0.02	0.12	0.47	1.33	2.72	4.12	4.92	4.94	4.13	2.75	1.35	0.47	0.12	0.03	0.02	0.02	27.5	25.6
	-40	0.01	0.01	0.01	0.04	0.22	0.60	1.24	1.84	2.17	2.17	1.86	1.25	0.60	0.21	0.04	0.02	0.02	0.01	12.3	8.87
	-48	0.01	0.01	0.01	0.02	0.08	0.23	0.44	0.60	0.67	0.67	0.60	0.44	0.23	0.08	0.02	0.01	0.01	0.01	4.12	0.00
-56	0.01	0.01	0.01	0.02	0.04	0.08	0.12	0.14	0.14	0.14	0.14	0.12	0.08	0.04	0.02	0.01	0.01	0.01	1.13	0.00	
-64	0.01	0.01	0.01	0.02	0.04	0.06	0.06	0.04	0.02	0.02	0.04	0.06	0.06	0.04	0.02	0.01	0.01	0.01	0.53	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	0.04	0.05	0.04	0.02	0.01	0.01	0.01	0.44	0.00	
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72
Φ t		0.19	0.29	0.70	2.80	9.62	24.9	47.3	68.1	79.9	80.8	69.8	48.8	25.5	9.96	3.02	0.92	0.49	0.34	478	
Φ a		0.00	0.00	0.00	0.00	6.07	22.4	45.1	66.0	77.9	78.7	67.7	46.6	23.1	6.57	0.00	0.00	0.00	0.00		446

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

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	.97	.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	.90	.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	.62	.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:8.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION 55					TYPE: 3000K 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	.170	.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	.023	.138	.073	.022	.131	.070	.021	.124	.067	.020	
5.0	.142	.072	.021	.139	.071	.021	.132	.069	.020	.126	.066	.020	.120	.064	.019	
6.0	.136	.068	.019	.132	.067	.019	.127	.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	.061	.017	.121	.060	.017	.117	.058	.017	.112	.057	.016	.108	.056	.016	
9.0	.119	.057	.016	.116	.057	.016	.112	.056	.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:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 55					TYPE: 3000K 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	3.3	4.2	3.5	4.4	4.6	4.0	4.9	4.2	5.1	5.2	
	3H	3.3	4.1	3.5	4.3	4.5	3.8	4.7	4.1	4.9	5.1
	4H	3.3	4.1	3.6	4.3	4.6	3.8	4.6	4.1	4.8	5.0
	6H	3.5	4.3	3.8	4.5	4.7	3.7	4.5	4.0	4.7	5.0
	8H	3.7	4.4	4.0	4.7	4.9	3.7	4.4	4.0	4.7	4.9
	12H	4.0	4.7	4.3	4.9	5.2	3.7	4.4	4.0	4.7	4.9
4H	2H	3.1	3.9	3.4	4.1	4.3	3.7	4.5	4.0	4.8	5.0
	3H	3.1	3.7	3.4	4.0	4.3	3.7	4.4	4.0	4.6	4.9
	4H	3.1	3.8	3.5	4.1	4.4	3.7	4.3	4.0	4.6	4.9
	6H	3.4	3.9	3.8	4.3	4.6	3.7	4.3	4.1	4.6	4.9
	8H	3.7	4.2	4.1	4.5	4.9	3.7	4.2	4.1	4.6	5.0
	12H	4.1	4.6	4.5	5.0	5.4	3.8	4.3	4.2	4.6	5.0
8H	4H	3.1	3.6	3.5	3.9	4.3	3.6	4.1	4.0	4.5	4.9
	6H	3.3	3.8	3.8	4.2	4.6	3.8	4.2	4.3	4.6	5.1
	8H	3.7	4.0	4.1	4.4	4.9	4.0	4.4	4.4	4.8	5.2
	12H	4.3	4.6	4.8	5.1	5.5	4.2	4.5	4.7	5.0	5.5
12H	4H	3.1	3.5	3.5	3.9	4.3	3.6	4.1	4.0	4.4	4.8
	6H	3.4	3.7	3.8	4.2	4.6	3.8	4.2	4.3	4.6	5.1
	8H	3.7	4.0	4.2	4.5	4.9	4.1	4.4	4.6	4.8	5.3
Variations with the observer position at spacings:											
S = 1.0H	+ 2.5 / - 3.6					+ 2.3 / - 4.2					
1.5H	+ 4.6 / - 4.1					+ 4.3 / - 4.8					
2.0H	+ 4.8 / - 1.4					+ 3.9 / - 1.7					

CIE Pub.117 Corrected 478.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.6)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K 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	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	109	105	102	105	103	101	95
3.00	112	108	105	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		

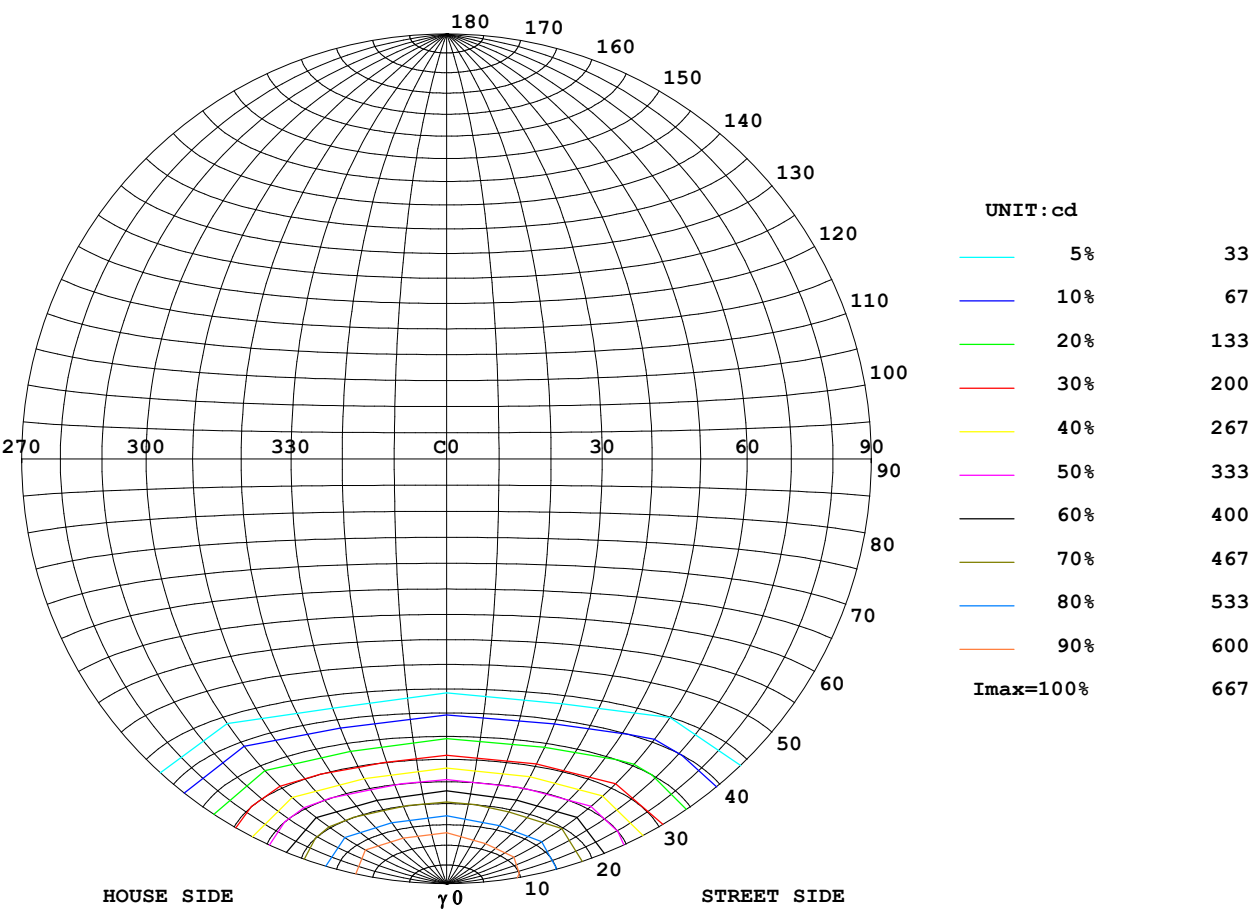
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K 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:07-14-2025

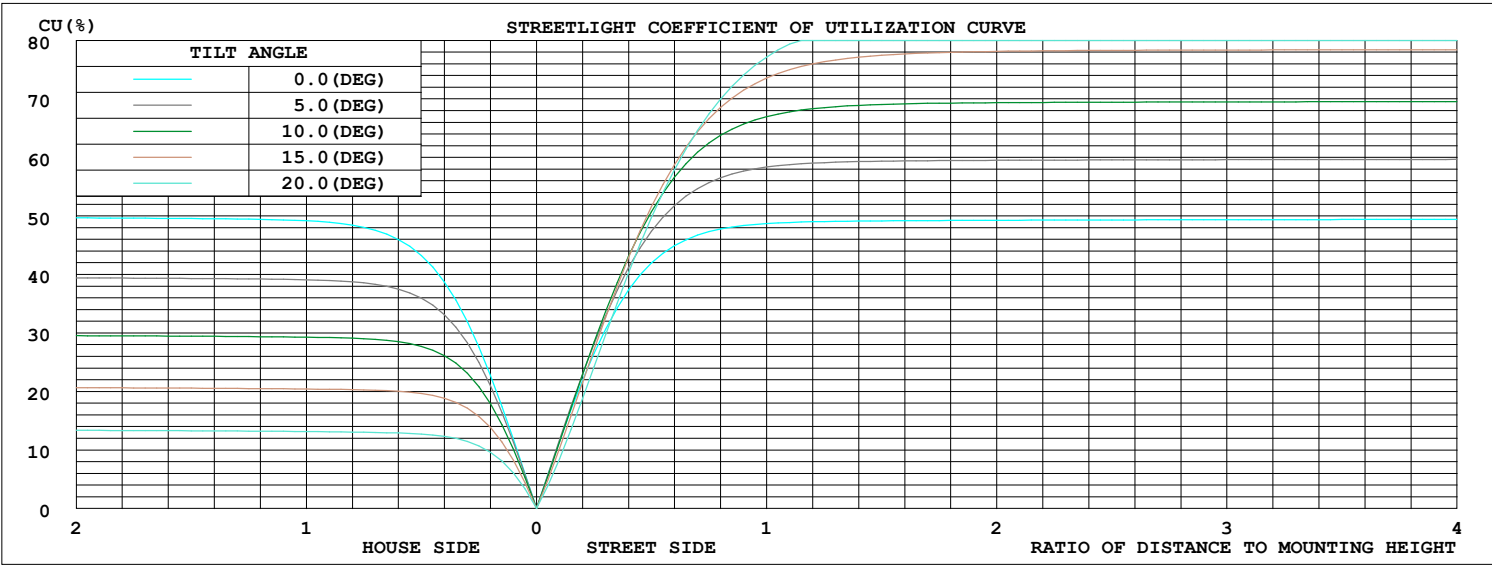
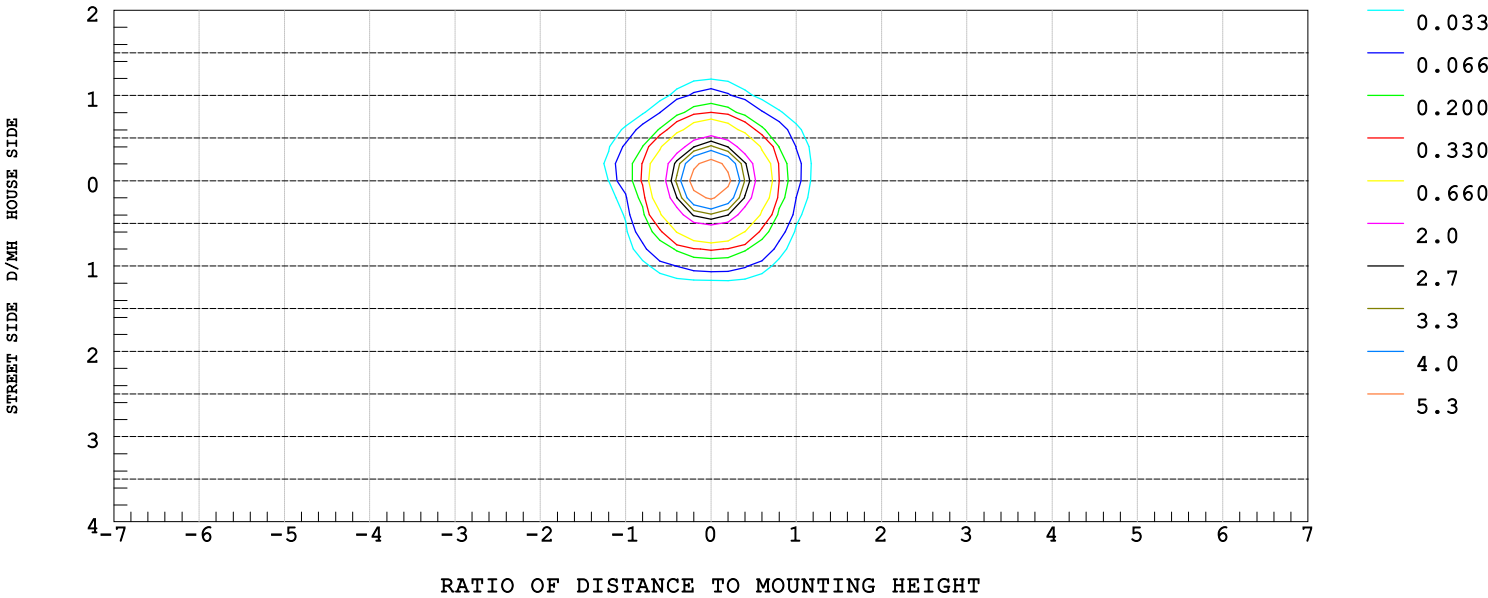
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-63 CUTOUT-55 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 6.64 lx



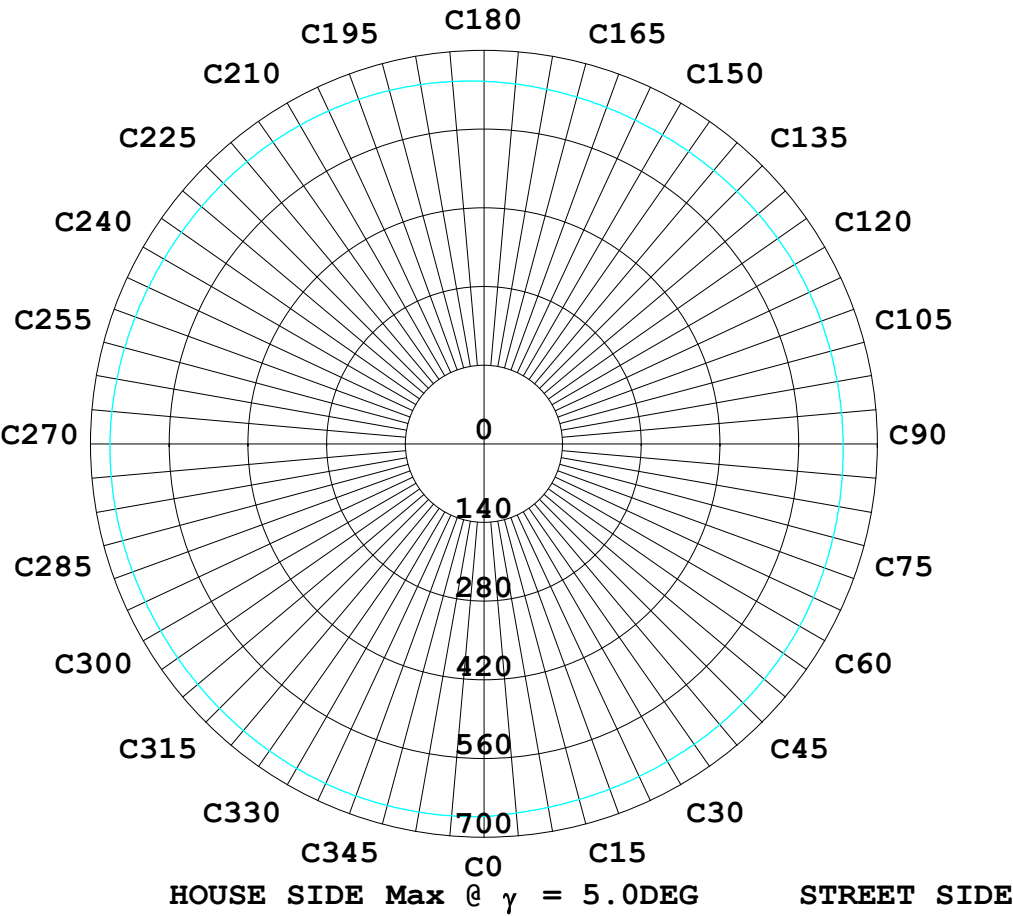
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K 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:07-14-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 55	TYPE: 3000K 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	664	663	661	660	661	660	664	663	661	660	661	660
5.0	663	652	649	639	638	635	645	655	658	666	665	667
10.0	636	618	613	597	597	593	611	630	629	641	637	645
15.0	577	555	552	532	538	531	551	572	567	582	572	589
20.0	476	455	463	442	451	436	450	469	457	473	460	487
25.0	347	332	350	326	339	323	329	344	324	341	324	359
30.0	216	209	216	211	218	206	209	215	193	208	193	214
35.0	124	117	137	122	135	114	115	121	99.9	113	102	123
40.0	61.1	55.4	70.6	60.0	70.1	54.4	56.4	61.4	46.6	56.4	47.3	61.7
45.0	27.8	22.0	32.8	24.8	32.6	22.3	23.4	27.9	18.3	25.4	18.1	28.0
50.0	13.0	7.80	15.1	9.32	15.5	8.23	9.24	13.5	6.64	11.9	5.92	12.9
55.0	5.63	0.87	5.56	0.79	5.63	0.79	1.95	5.63	0.72	5.12	0.51	5.34
60.0	4.47	0.65	4.19	0.51	4.19	0.51	1.44	4.19	0.43	4.04	0.36	4.11
65.0	3.75	0.58	3.54	0.43	3.46	0.43	1.30	3.54	0.51	3.39	0.29	3.46
70.0	3.32	0.58	3.10	0.43	2.96	0.43	1.37	3.03	0.43	2.89	0.36	3.03
75.0	2.96	0.65	2.67	0.51	2.60	0.51	1.44	2.67	0.51	2.60	0.36	2.60
80.0	2.67	0.72	2.45	0.51	2.45	0.51	1.51	2.38	0.51	2.31	0.43	2.38
85.0	2.52	0.79	2.31	0.65	2.16	0.65	1.66	2.16	0.58	2.02	0.43	2.09
90.0	2.38	1.15	2.09	1.01	1.95	0.94	2.38	1.87	0.79	1.73	0.65	1.80

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K