

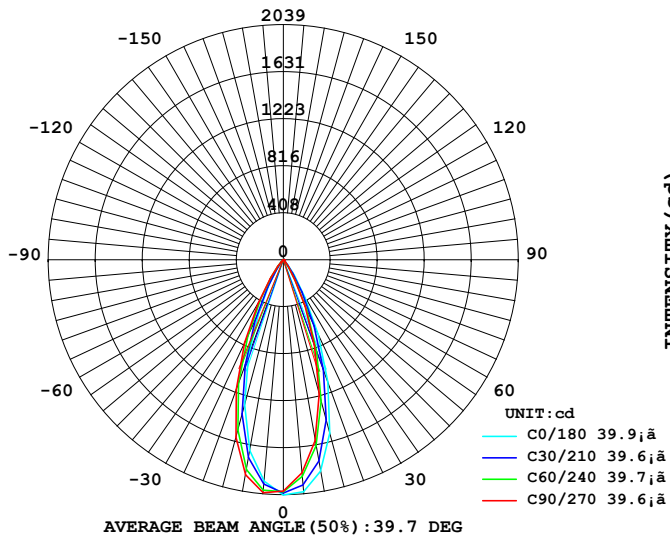
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

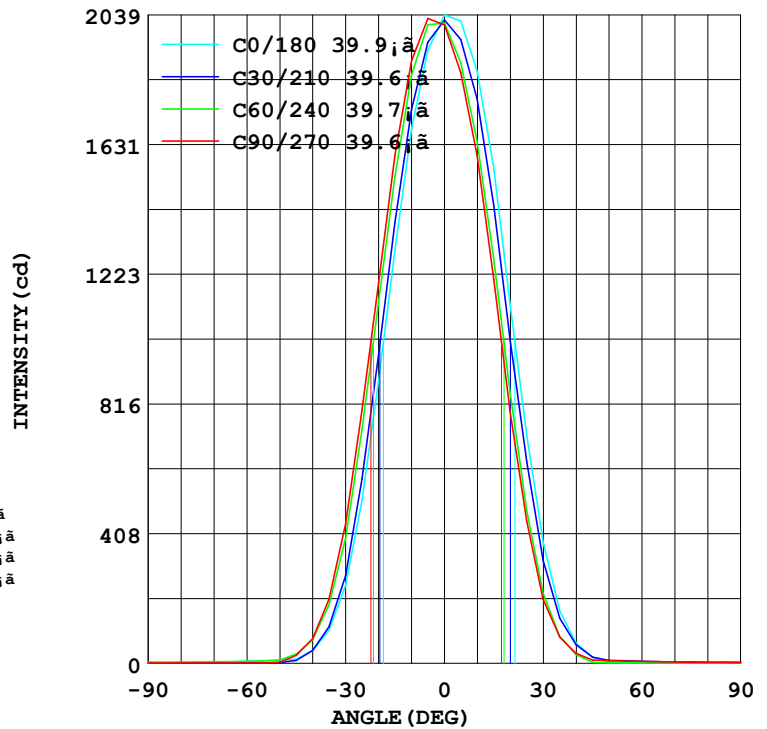
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2039	S/MH (C0/180)	0.60
MODEL	FLEXION 75	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.70
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	981.87	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	80.5	Current (A)	0.060
NOMINAL FLUX (lm)	981.9	η up (%)	0.0	Power (W)	12.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.966
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	895.0	EEI	0.174

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-17-2025

Test Set: 5.0 deg/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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:

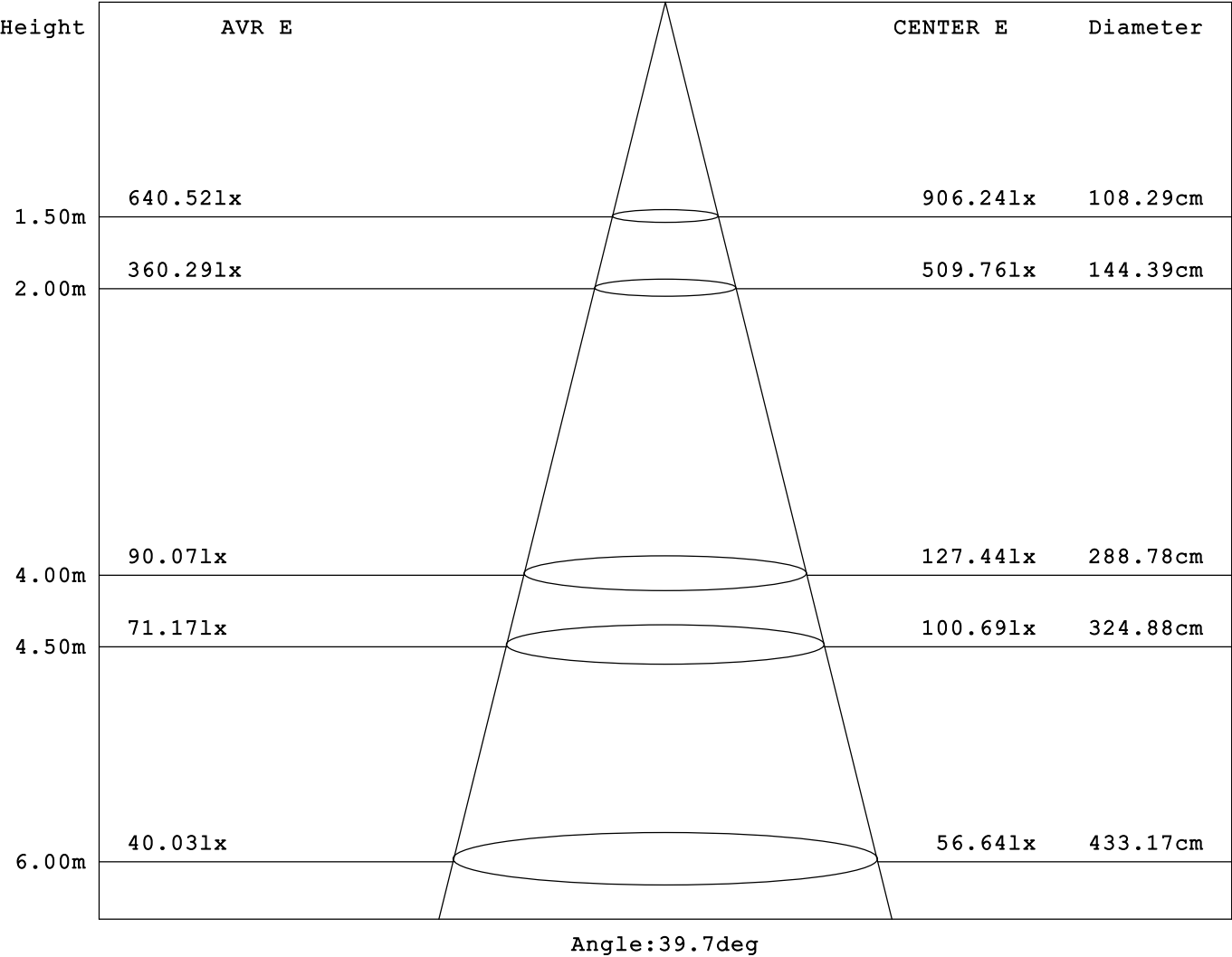
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1680	1796	1895	1900	1863	1707	1596	1565	0- 10	179.3	179.3
20.0	888.9	1054	1196	1223	1129	934.6	790.9	764.7	10- 20	384.8	564.2
30.0	245.7	335.1	439.3	461.0	382.2	272.9	201.8	183.2	20- 30	286.5	850.7
40.0	40.74	57.87	77.74	90.49	63.72	43.16	31.78	25.43	30- 40	99.05	949.8
50.0	9.392	6.249	3.684	8.633	3.106	5.924	8.525	5.165	40- 50	18.10	967.9
60.0	6.574	4.154	1.445	4.407	2.601	4.082	6.069	3.757	50- 60	4.524	972.4
70.0	4.985	3.287	1.300	3.359	2.384	3.034	4.479	2.745	60- 70	3.573	976.0
80.0	3.973	2.673	1.228	2.673	2.239	2.456	3.612	2.348	70- 80	3.030	979.0
90.0	3.684	2.745	1.734	2.528	3.323	2.312	2.962	2.131	80- 90	2.780	981.8
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:07-17-2025

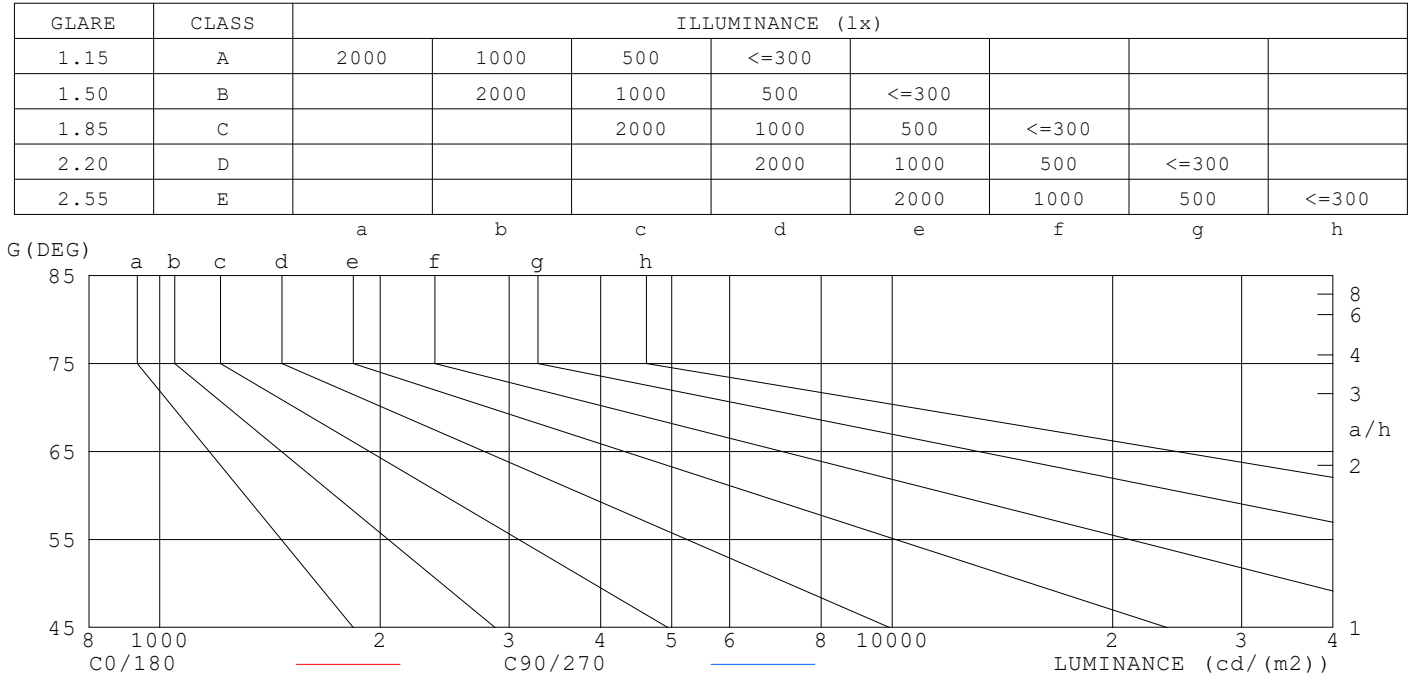
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	439	149
80	229	71
75	170	47
70	146	38
65	135	32
60	131	29
55	134	30
50	146	57
45	185	358

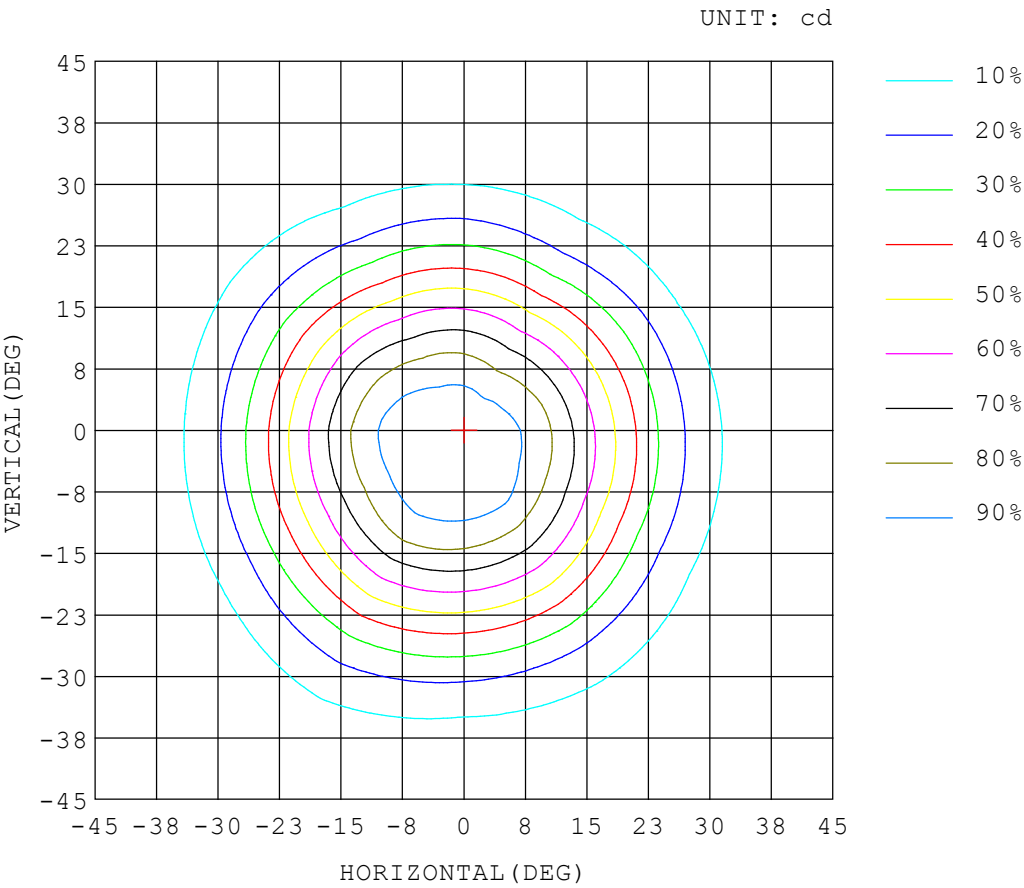
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:



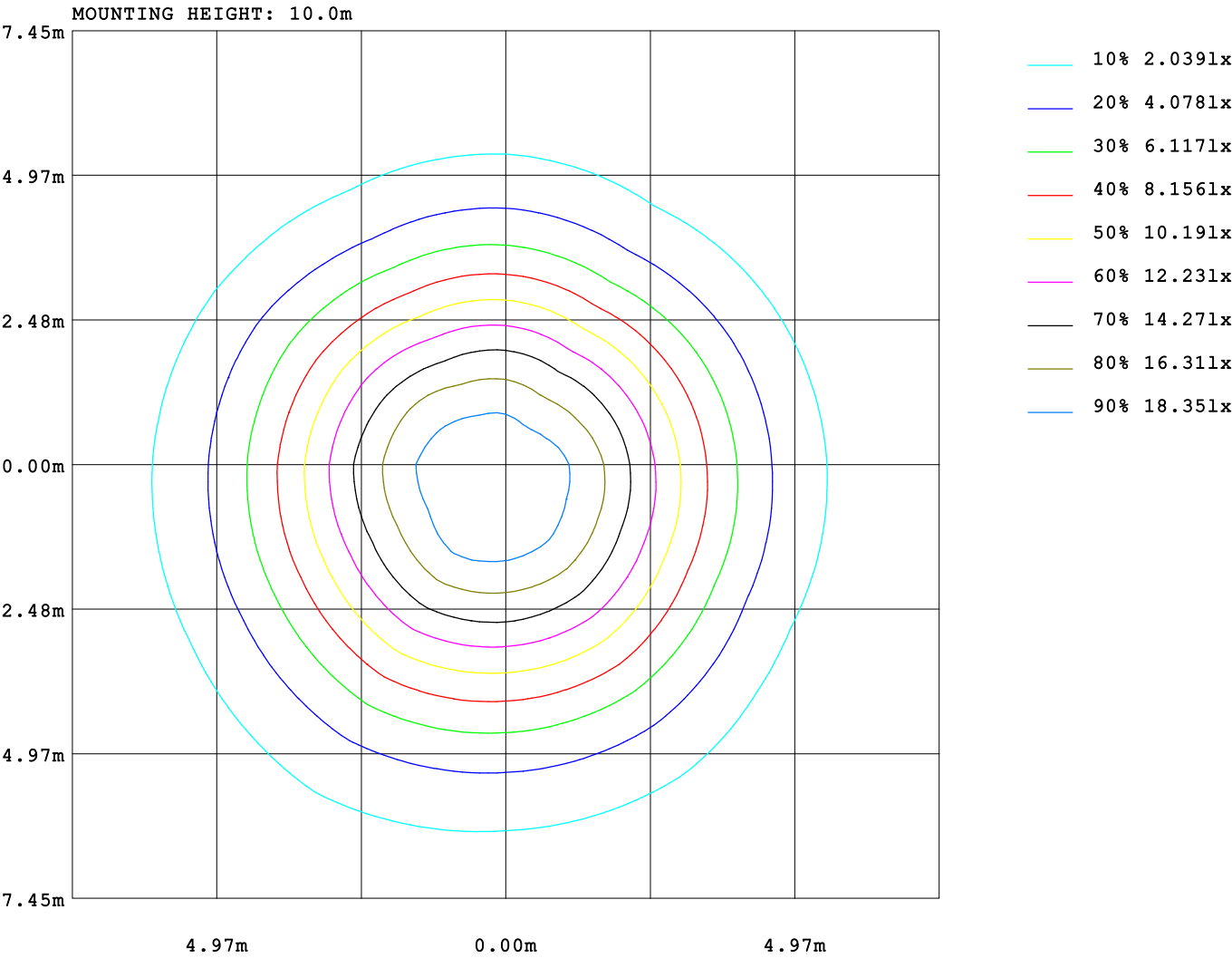
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-86 CUTOUT-75 H-78 MM					SERIAL No.:				

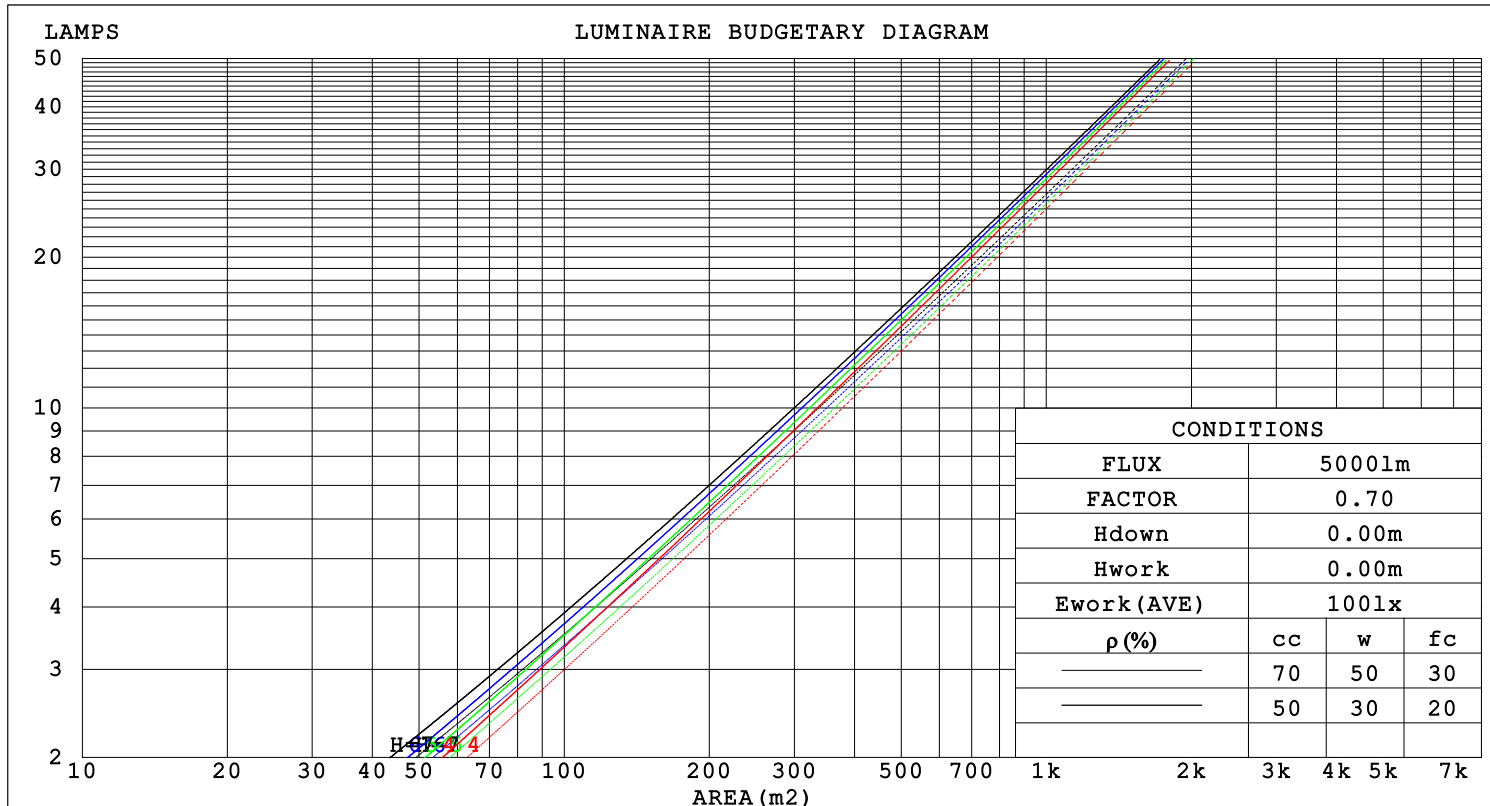
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.04	0.04	0.03	0.03	0.02	0.04	0.09	0.13	0.15	0.15	0.11	0.07	0.04	0.02	0.02	0.03	0.03	0.03	1.07	0.00			
45																							
40	0.04	0.05	0.06	0.07	0.12	0.19	0.29	0.38	0.43	0.41	0.33	0.23	0.12	0.07	0.04	0.04	0.04	0.04	2.93	0.00			
35	0.05	0.07	0.12	0.22	0.36	0.52	0.75	0.97	1.07	1.02	0.84	0.59	0.36	0.23	0.13	0.07	0.05	0.04	7.48	0.00			
30	0.06	0.13	0.27	0.50	0.83	1.25	1.72	2.20	2.45	2.34	1.92	1.35	0.89	0.54	0.31	0.16	0.07	0.05	17.0	10.5			
25	0.09	0.22	0.50	0.95	1.66	2.55	3.42	4.26	4.69	4.50	3.75	2.73	1.86	1.10	0.59	0.30	0.13	0.06	33.4	29.1			
20	0.12	0.34	0.79	1.63	2.88	4.37	5.80	6.95	7.58	7.30	6.18	4.78	3.32	1.98	1.01	0.48	0.20	0.08	55.8	52.3			
15	0.17	0.47	1.12	2.38	4.26	6.42	8.43	9.87	10.6	10.2	8.86	7.11	5.04	3.05	1.53	0.70	0.29	0.10	80.7	77.7			
	0.21	0.59	1.46	3.09	5.45	8.19	10.7	12.4	13.1	12.6	11.3	9.19	6.58	4.05	2.07	0.92	0.37	0.13	103	100			
	0.23	0.68	1.70	3.58	6.26	9.39	12.2	14.1	14.8	14.3	13.0	10.6	7.65	4.74	2.45	1.08	0.42	0.15	118	115			
	0.24	0.70	1.76	3.71	6.47	9.68	12.5	14.5	15.2	15.1	13.6	11.1	7.97	4.94	2.56	1.12	0.44	0.15	122	120			
	0.22	0.65	1.62	3.44	6.04	9.02	11.8	13.9	14.9	14.6	13.1	10.5	7.49	4.60	2.36	1.03	0.40	0.13	116	114			
-15	0.18	0.54	1.34	2.86	5.14	7.81	10.4	12.5	13.2	12.9	11.6	9.21	6.42	3.82	1.91	0.84	0.32	0.10	101	98.7			
-20	0.13	0.40	1.00	2.16	3.96	6.19	8.42	10.0	10.6	10.3	9.24	7.33	4.99	2.88	1.39	0.60	0.23	0.07	80.0	77.1			
-25	0.08	0.27	0.68	1.46	2.74	4.38	6.06	7.13	7.58	7.36	6.51	5.14	3.43	1.95	0.95	0.39	0.14	0.04	56.3	53.1			
-30	0.04	0.16	0.42	0.92	1.69	2.75	3.74	4.41	4.70	4.54	3.95	3.07	2.07	1.18	0.59	0.24	0.07	0.02	34.6	31.0			
-35	0.02	0.08	0.23	0.50	0.93	1.50	1.98	2.33	2.46	2.36	2.05	1.59	1.10	0.64	0.32	0.13	0.04	0.01	18.3	12.7			
-40	0.02	0.04	0.12	0.25	0.47	0.70	0.91	1.04	1.08	1.03	0.91	0.72	0.51	0.32	0.16	0.07	0.03	0.01	8.40	0.00			
-45	0.02	0.03	0.05	0.11	0.21	0.29	0.36	0.41	0.41	0.39	0.35	0.29	0.22	0.15	0.08	0.04	0.03	0.02	3.44	0.00			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45			
Φ t	1.96	5.45	13.3	27.9	49.5	75.2	99.9	118	125	122	108	85.7	60.1	36.3	18.5	8.24	3.29	1.24	982				
Φ a	0.00	0.00	6.75	23.5	46.0	72.0	96.7	115	122	119	105	82.4	56.6	32.3	13.3	1.04	0.00	0.00		895			

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	.99	.98	.97	.96	.95														
2.0	1.05	1.01	.98	1.03	1.00	.97	1.00	.97	.95	.97	.95	.93	.94	.93	.91	.90														
3.0	.99	.95	.91	.98	.94	.91	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85														
4.0	.94	.89	.85	.93	.88	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81														
5.0	.89	.84	.80	.88	.84	.80	.87	.83	.79	.85	.82	.79	.84	.81	.78	.77														
6.0	.85	.80	.76	.84	.79	.76	.83	.79	.75	.81	.78	.75	.80	.77	.74	.73														
7.0	.81	.76	.72	.80	.76	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70														
8.0	.77	.72	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.68	.67														
9.0	.74	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.68	.65	.64														
10.0	.71	.66	.63	.71	.66	.63	.70	.65	.62	.69	.65	.62	.68	.65	.62	.61														



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 75							TYPE: 3000K CRI-90					WEIGHT:		
SPECIFICATION: OSRAM 250 MA							DIMENSION: D-86 CUTOUT-75 H-78 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	.162	.092	.029	.156	.089	.028	.143	.082	.026	.132	.076	.024	.121	.070	.023															
2.0	.152	.083	.026	.146	.081	.025	.136	.076	.023	.126	.071	.022	.118	.066	.021															
3.0	.143	.076	.023	.138	.074	.022	.130	.070	.021	.121	.066	.020	.114	.063	.019															
4.0	.135	.070	.021	.131	.069	.020	.124	.066	.020	.117	.063	.019	.110	.060	.018															
5.0	.128	.065	.019	.125	.064	.019	.118	.062	.018	.112	.059	.018	.106	.057	.017															
6.0	.122	.061	.017	.119	.060	.017	.113	.058	.017	.108	.056	.016	.103	.054	.016															
7.0	.116	.058	.016	.114	.057	.016	.109	.055	.016	.104	.053	.016	.100	.052	.015															
8.0	.111	.054	.015	.109	.054	.015	.105	.052	.015	.100	.051	.015	.097	.050	.014															
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.093	.047	.014															
10.0	.102	.049	.014	.101	.049	.014	.097	.048	.013	.094	.047	.013	.091	.046	.013															

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	.170	.157	.146	.146	.135	.126	.100	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.154	.133	.115	.132	.114	.099	.090	.079	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.092	.120	.098	.080	.082	.068	.056	.048	.040	.033	.015	.013	.011	
4.0	.129	.098	.075	.110	.085	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.087	.062	.102	.075	.054	.071	.052	.038	.041	.031	.023	.013	.010	.007	
6.0	.111	.077	.052	.096	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.044	.090	.060	.039	.062	.042	.027	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.085	.054	.033	.059	.038	.024	.034	.023	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.056	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-86 CUTOUT-75 H-78 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		-0.3	0.5	-0.1	0.7	0.9	3.6	4.4	3.8	4.6	4.7
	3H	-0.0	0.7	0.2	0.9	1.1	3.5	4.3	3.7	4.4	4.6
	4H	0.3	1.0	0.6	1.2	1.4	3.5	4.2	3.7	4.4	4.6
	6H	0.9	1.5	1.2	1.8	2.0	3.5	4.1	3.7	4.4	4.6
	8H	1.3	2.0	1.6	2.2	2.5	3.5	4.1	3.8	4.4	4.6
	12H	2.0	2.6	2.3	2.9	3.2	3.5	4.1	3.8	4.4	4.6
4H	2H	-0.4	0.3	-0.1	0.5	0.7	3.4	4.1	3.7	4.3	4.5
	3H	-0.1	0.5	0.2	0.8	1.0	3.4	4.0	3.7	4.3	4.6
	4H	0.3	0.8	0.6	1.1	1.4	3.5	4.0	3.8	4.3	4.6
	6H	1.0	1.5	1.4	1.8	2.2	3.6	4.1	4.0	4.4	4.8
	8H	1.7	2.1	2.0	2.5	2.8	3.7	4.1	4.0	4.5	4.8
	12H	2.6	3.0	3.0	3.4	3.8	3.8	4.2	4.2	4.6	5.0
8H	4H	0.4	0.8	0.8	1.2	1.6	3.5	3.9	3.8	4.3	4.6
	6H	1.2	1.5	1.6	1.9	2.3	3.8	4.2	4.2	4.6	5.0
	8H	1.9	2.2	2.3	2.6	3.1	4.0	4.4	4.5	4.8	5.2
	12H	3.1	3.4	3.5	3.8	4.3	4.4	4.7	4.8	5.1	5.6
12H	4H	0.5	0.9	0.9	1.3	1.6	3.4	3.8	3.8	4.2	4.6
	6H	1.3	1.6	1.7	2.1	2.5	3.8	4.1	4.2	4.6	5.0
	8H	2.0	2.3	2.5	2.8	3.2	4.2	4.5	4.6	4.9	5.4
Variations with the observer position at spacings:											
S = 1.0H		+ 1.3 / - 1.1					+ 2.3 / - 2.7				
1.5H		+ 2.9 / - 1.3					+ 4.5 / - 2.9				
2.0H		+ 1.0 / - 0.6					+ 2.3 / - 0.8				

CIE Pub.117 Corrected 981.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	83	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	95	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	104	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	109	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

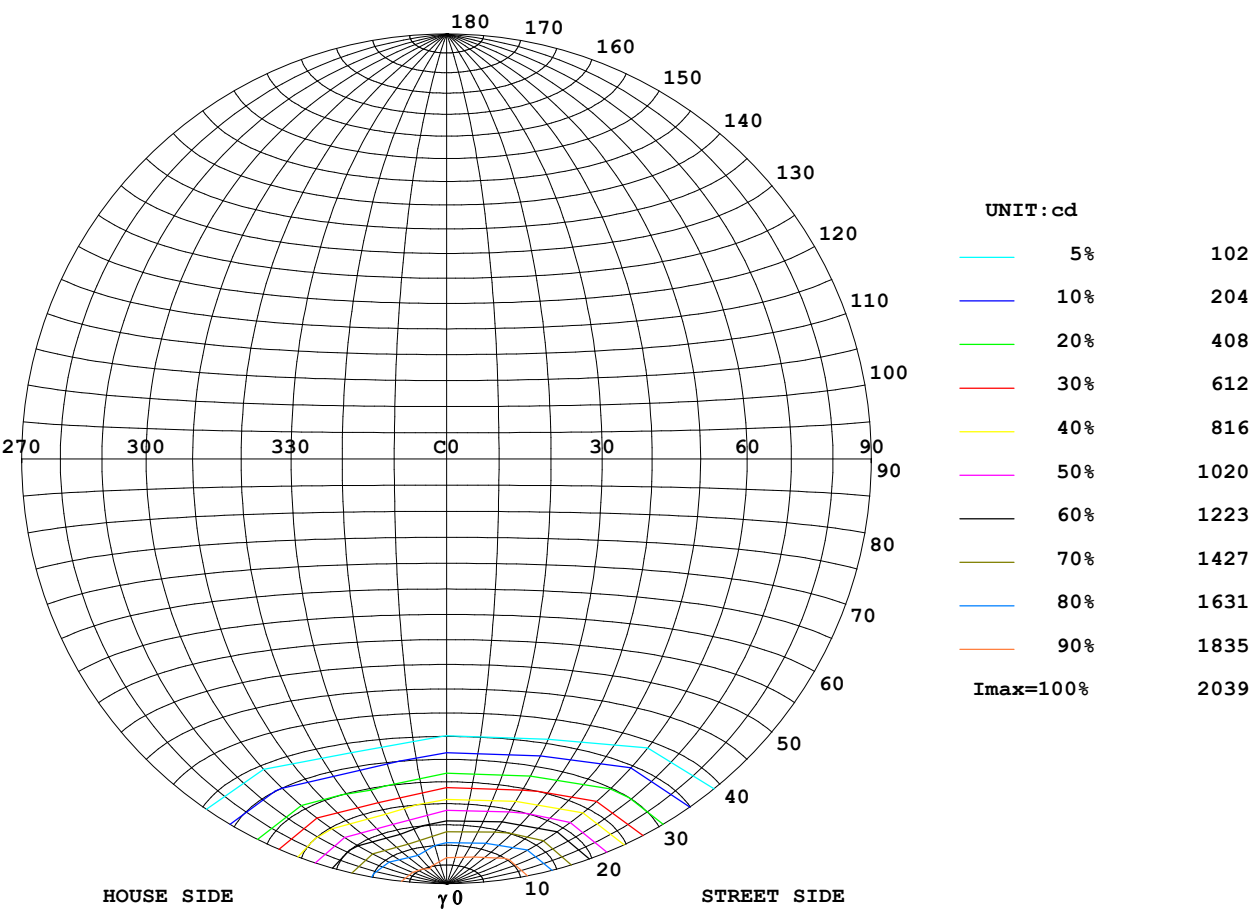
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-17-2025

Test Set: 5.0 deg/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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

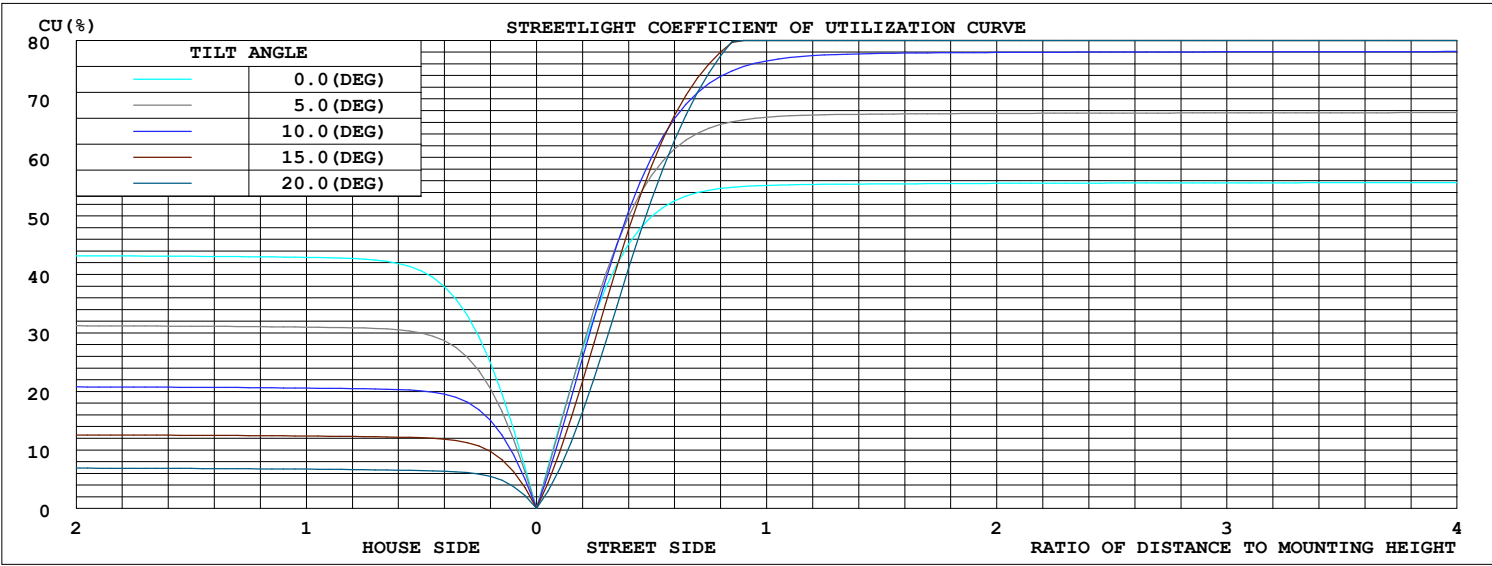
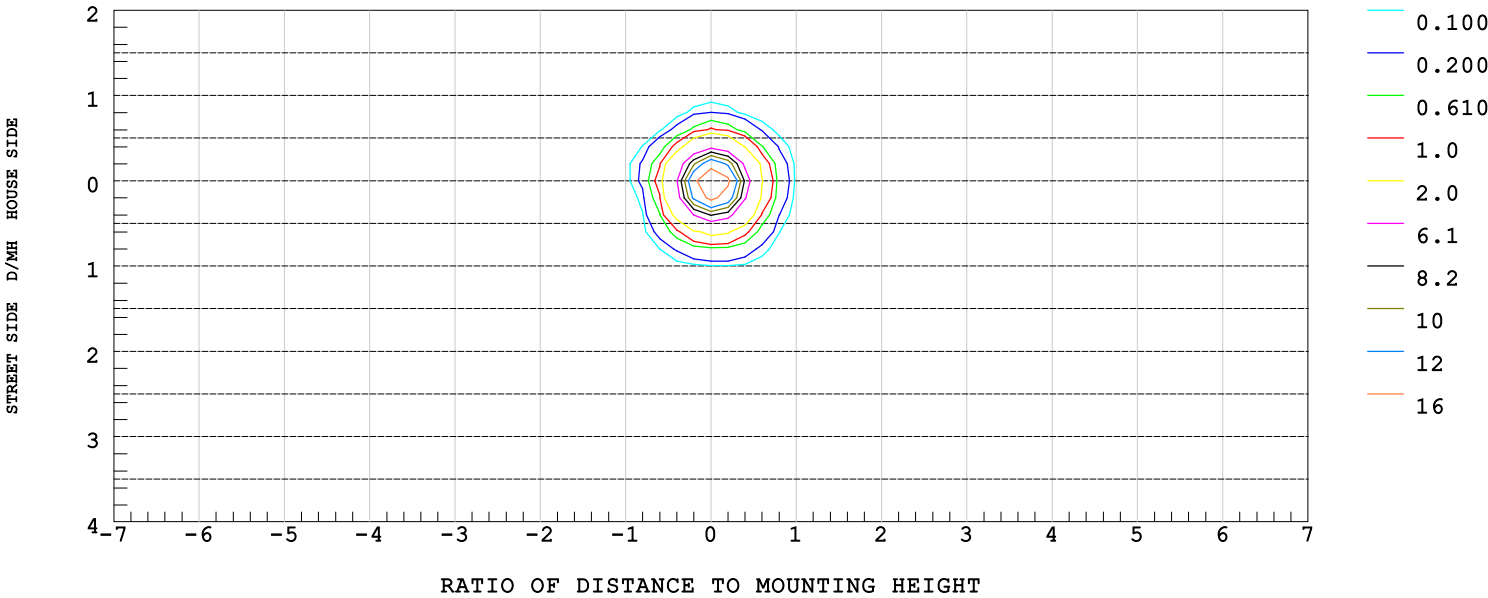
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 20.39 lx



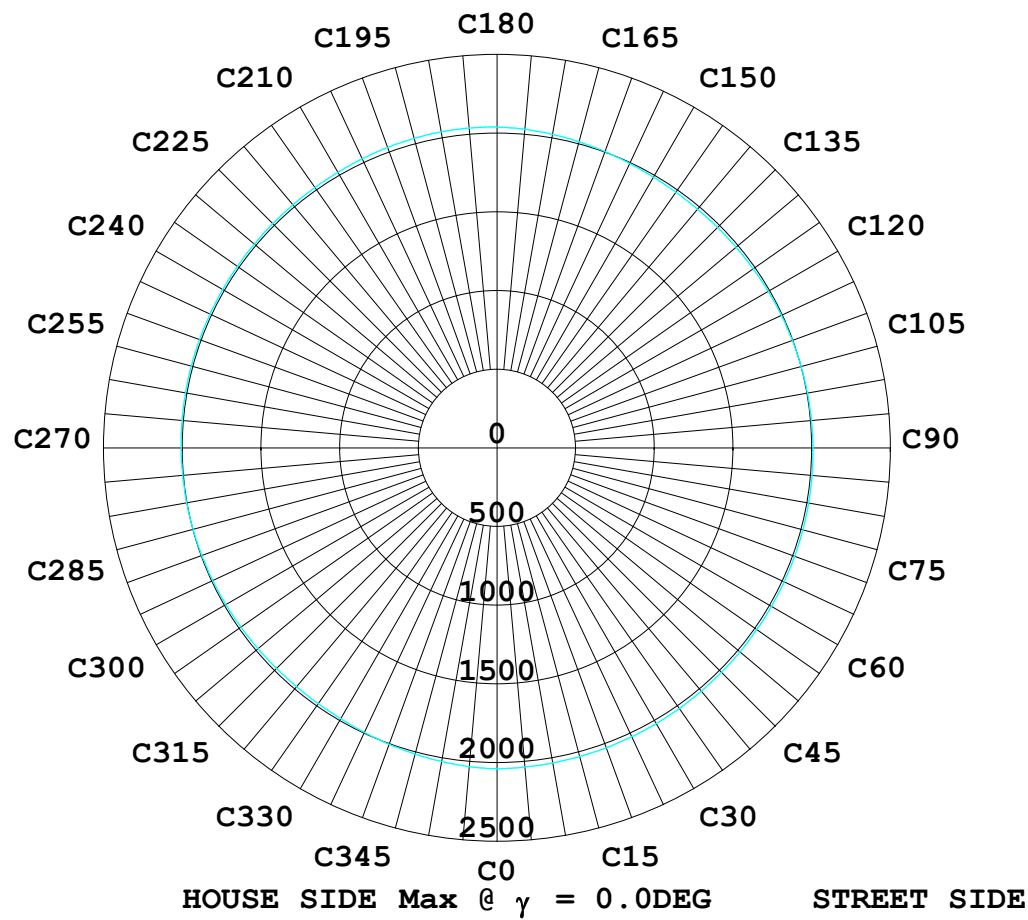
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

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 75	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-86 CUTOUT-75 H-78 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2039	2023	2014	2008	1991	1987	2039	2023	2014	2008	1991	1987
5.0	1928	1953	2008	2028	2034	1998	2020	1961	1887	1856	1818	1851
10.0	1680	1742	1851	1895	1931	1869	1863	1774	1640	1596	1530	1599
15.0	1299	1386	1531	1597	1657	1573	1557	1438	1270	1208	1134	1208
20.0	889	971	1137	1196	1268	1178	1129	1018	851	791	722	807
25.0	511	579	734	795	865	775	718	634	480	447	381	454
30.0	246	276	394	439	502	421	382	325	221	202	164	202
35.0	104	115	184	202	251	192	166	143	85.3	83.2	59.1	86.0
40.0	40.7	40.3	75.3	77.7	106	74.5	63.7	58.7	27.5	31.7	17.1	33.7
45.0	13.0	9.68	29.6	25.2	42.0	24.4	20.0	20.0	3.03	10.7	2.16	11.1
50.0	9.39	2.02	10.4	3.68	14.2	3.03	3.10	9.89	1.95	8.52	1.73	8.59
55.0	7.65	1.66	8.23	1.73	8.88	1.87	2.81	8.09	1.58	7.15	1.51	7.15
60.0	6.57	1.51	6.79	1.44	7.22	1.58	2.60	6.71	1.44	6.06	1.37	6.14
65.0	5.70	1.44	5.85	1.37	6.14	1.44	2.45	5.70	1.22	5.12	1.15	5.12
70.0	4.98	1.37	5.20	1.30	5.34	1.37	2.38	4.91	1.15	4.47	1.01	4.47
75.0	4.40	1.30	4.55	1.22	4.76	1.22	2.23	4.33	1.08	3.97	1.01	3.97
80.0	3.97	1.30	4.04	1.22	4.19	1.15	2.23	3.82	1.08	3.61	1.08	3.61
85.0	3.82	1.44	3.68	1.30	3.82	1.22	2.31	3.46	1.15	3.25	1.08	3.32
90.0	3.68	2.02	3.46	1.73	3.39	1.66	3.32	3.10	1.51	2.96	1.37	2.89

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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