

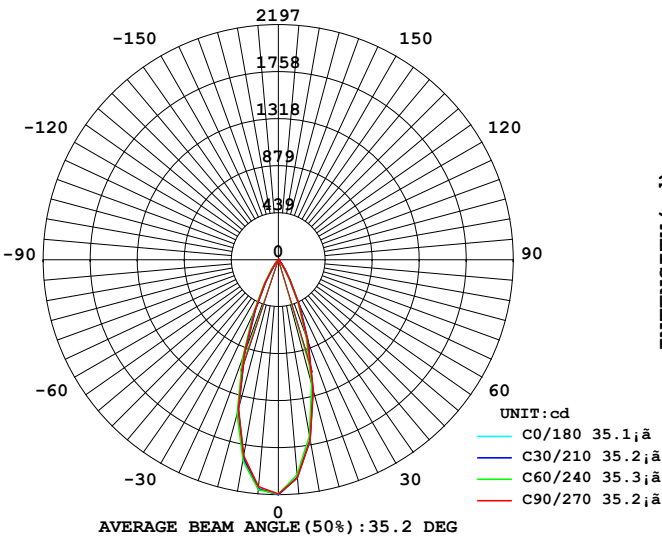
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

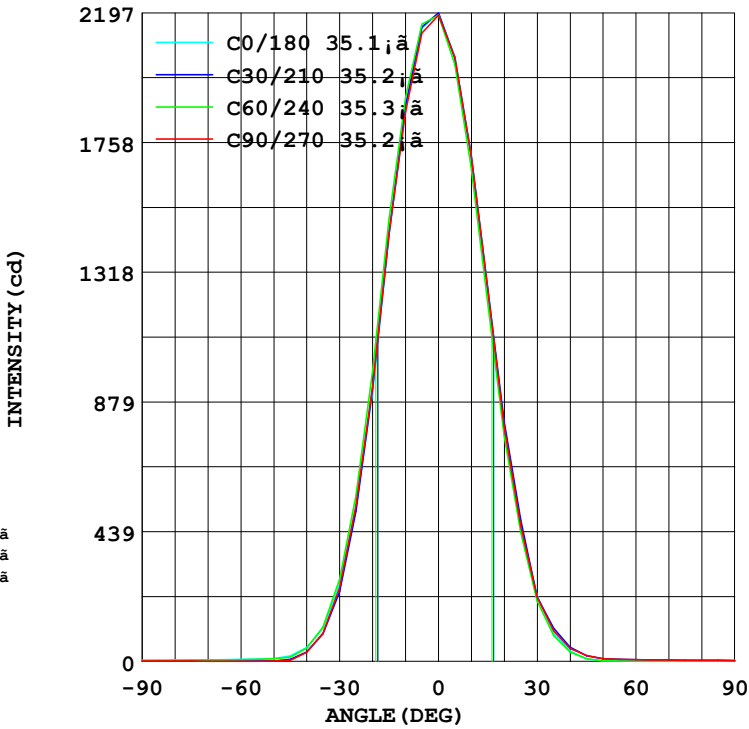
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2197	S/MH (C0/180)	0.59
MODEL	FLEXION 65	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.59
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	890.85	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	87.3	Current (A)	0.047
NOMINAL FLUX (lm)	890.9	η up (%)	0.0	Power (W)	10.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.983
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	791.7	EEI	0.160

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:8.800 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 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

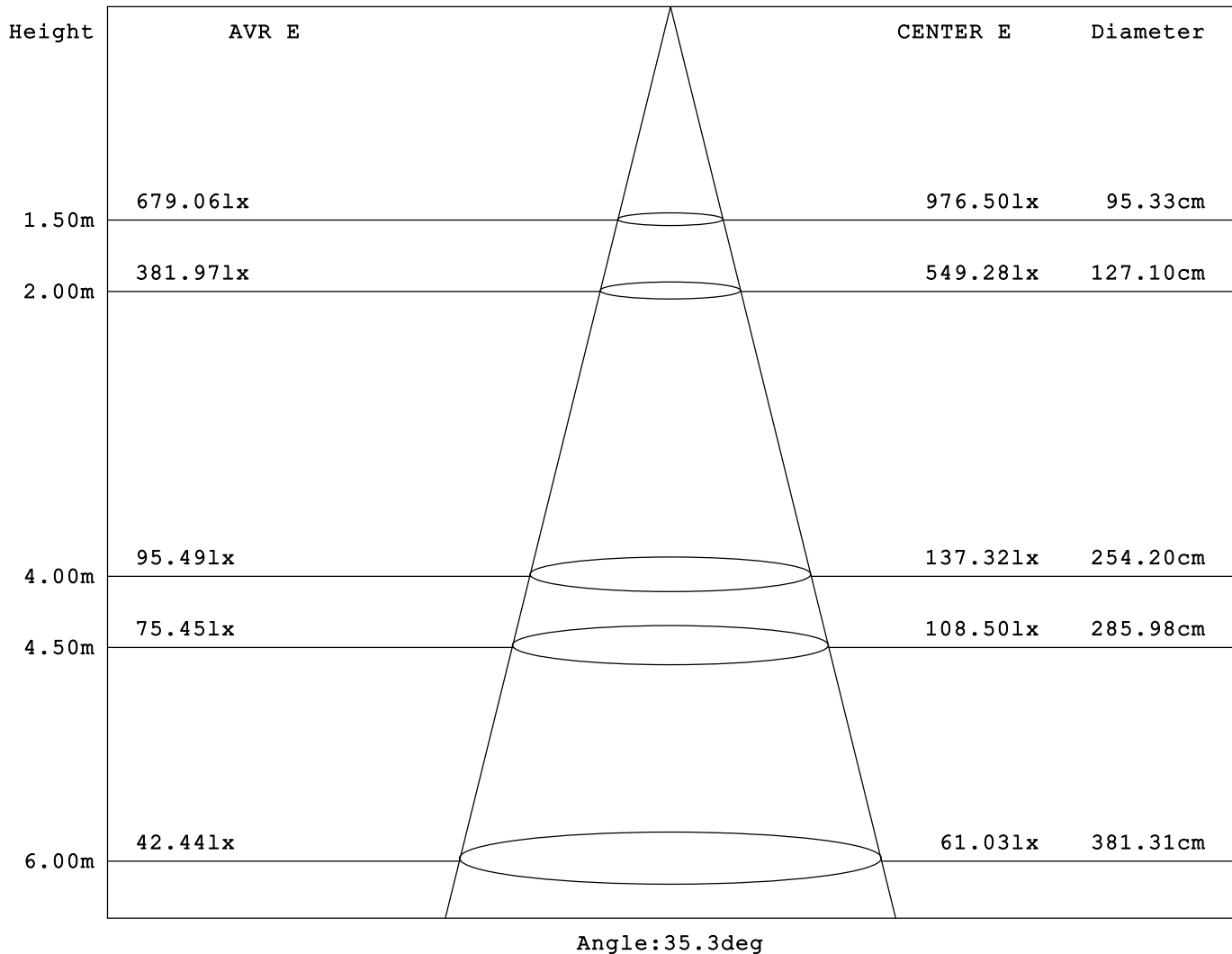
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 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 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 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:8.800 m
 Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1873	1896	1861	1776	1719	1693	1715	1777	0- 10	189.7	189.7
20.0	912.4	955.0	931.1	874.2	801.8	789.7	795.8	837.4	10- 20	368.0	557.7
30.0	261.3	257.8	249.5	251.3	223.7	211.9	218.8	208.6	20- 30	233.9	791.7
40.0	47.00	38.64	30.35	37.36	35.23	40.03	44.21	39.14	30- 40	72.99	864.7
50.0	9.680	5.265	1.161	4.956	2.710	5.343	8.905	5.149	40- 50	13.03	877.7
60.0	6.659	3.678	0.852	3.446	2.400	3.600	5.962	3.446	50- 60	3.948	881.7
70.0	5.188	2.981	1.006	2.826	2.555	2.904	4.568	2.749	60- 70	3.293	884.9
80.0	4.336	2.671	1.161	2.516	2.787	2.478	3.717	2.400	70- 80	3.001	888.0
90.0	3.794	2.671	1.703	2.516	3.872	2.323	3.020	2.245	80- 90	2.853	890.8
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:8.800 m
 Remarks: 4000K

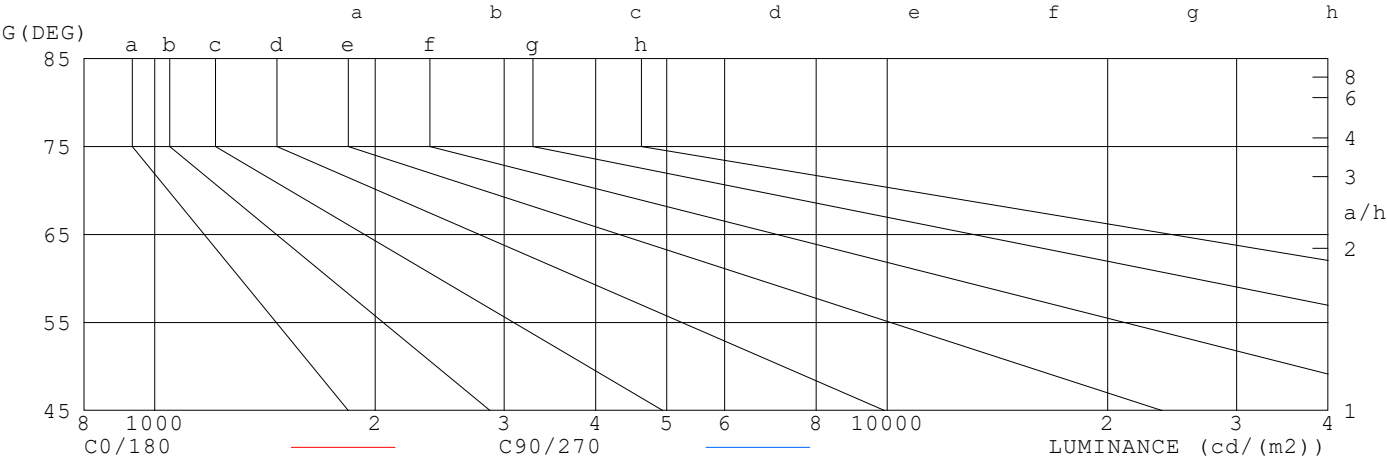
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 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	462	142
80	250	67
75	183	42
70	152	29
65	137	22
60	133	17
55	138	16
50	151	18
45	271	49

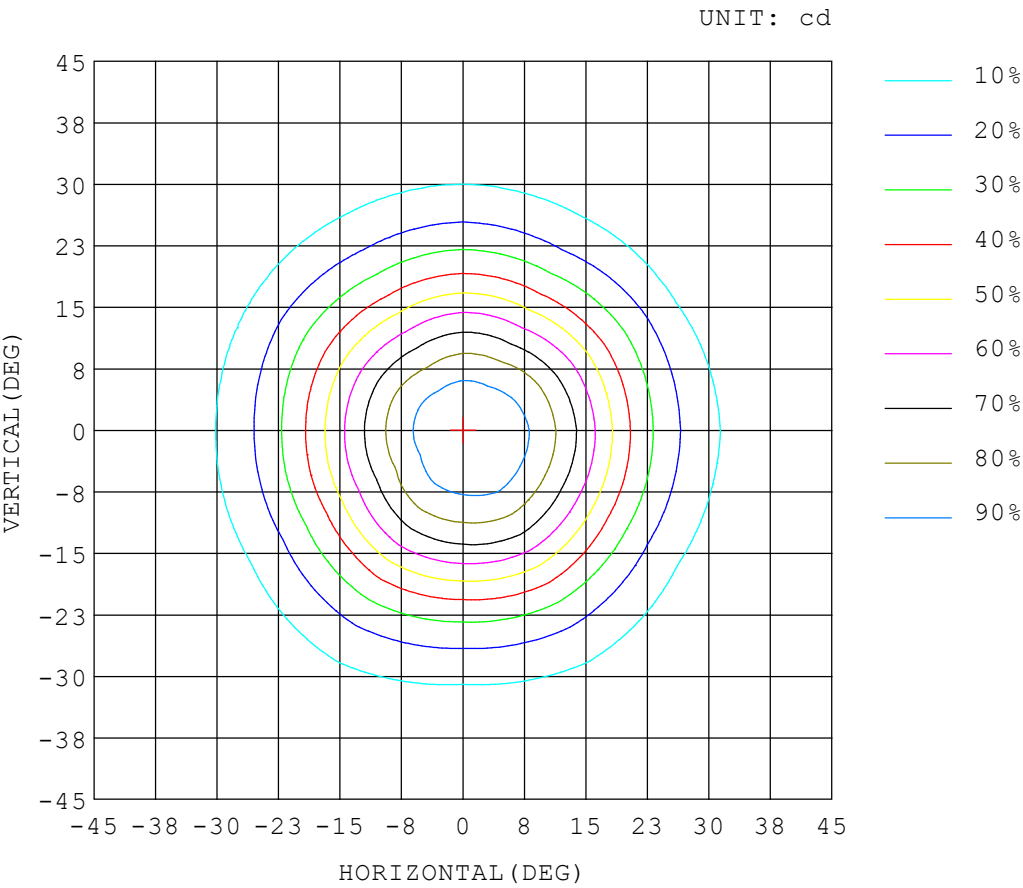
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:



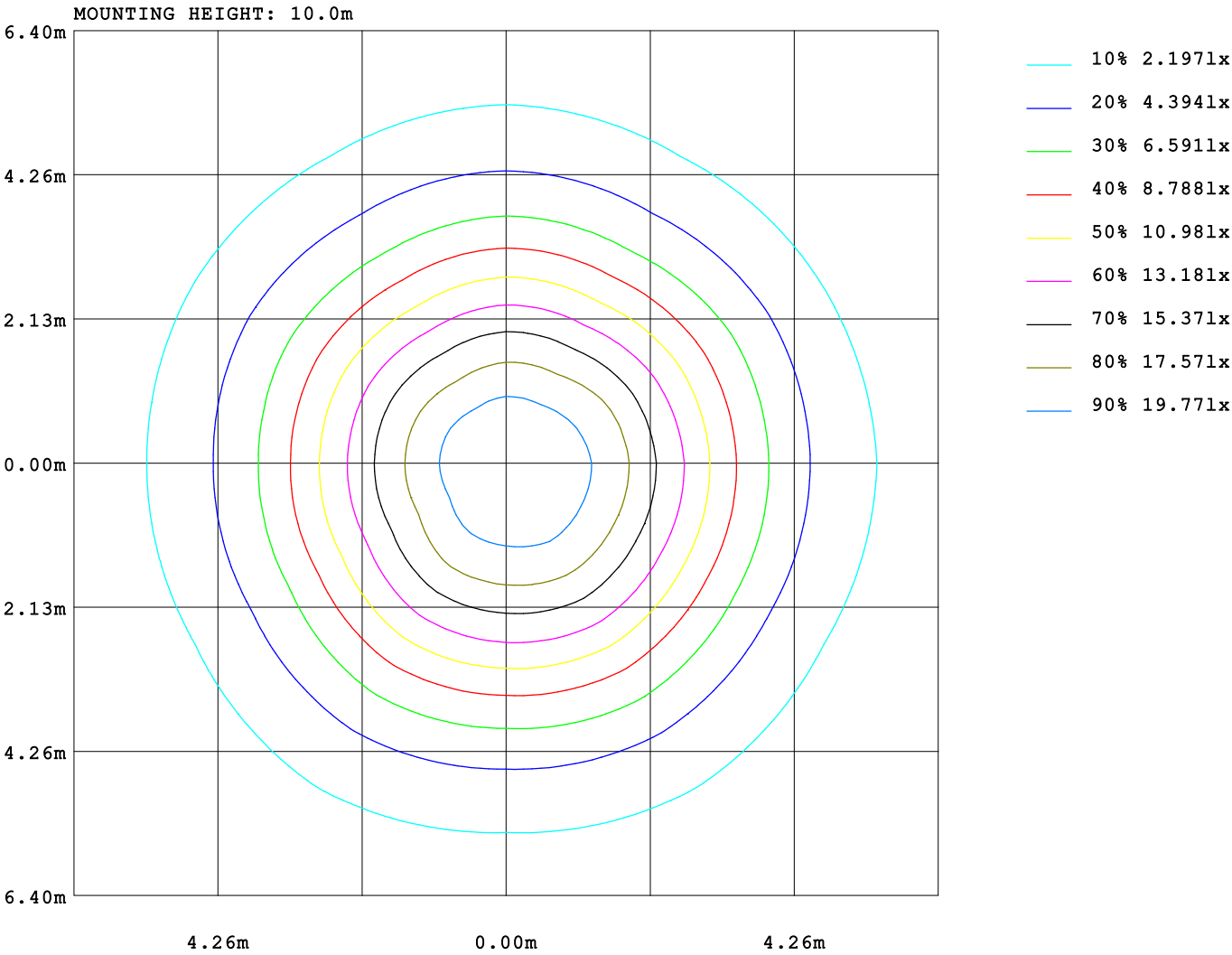
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 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:8.800 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: FLEXION 65										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-72 CUTOUT-65 H-72 MM					SERIAL No.:					

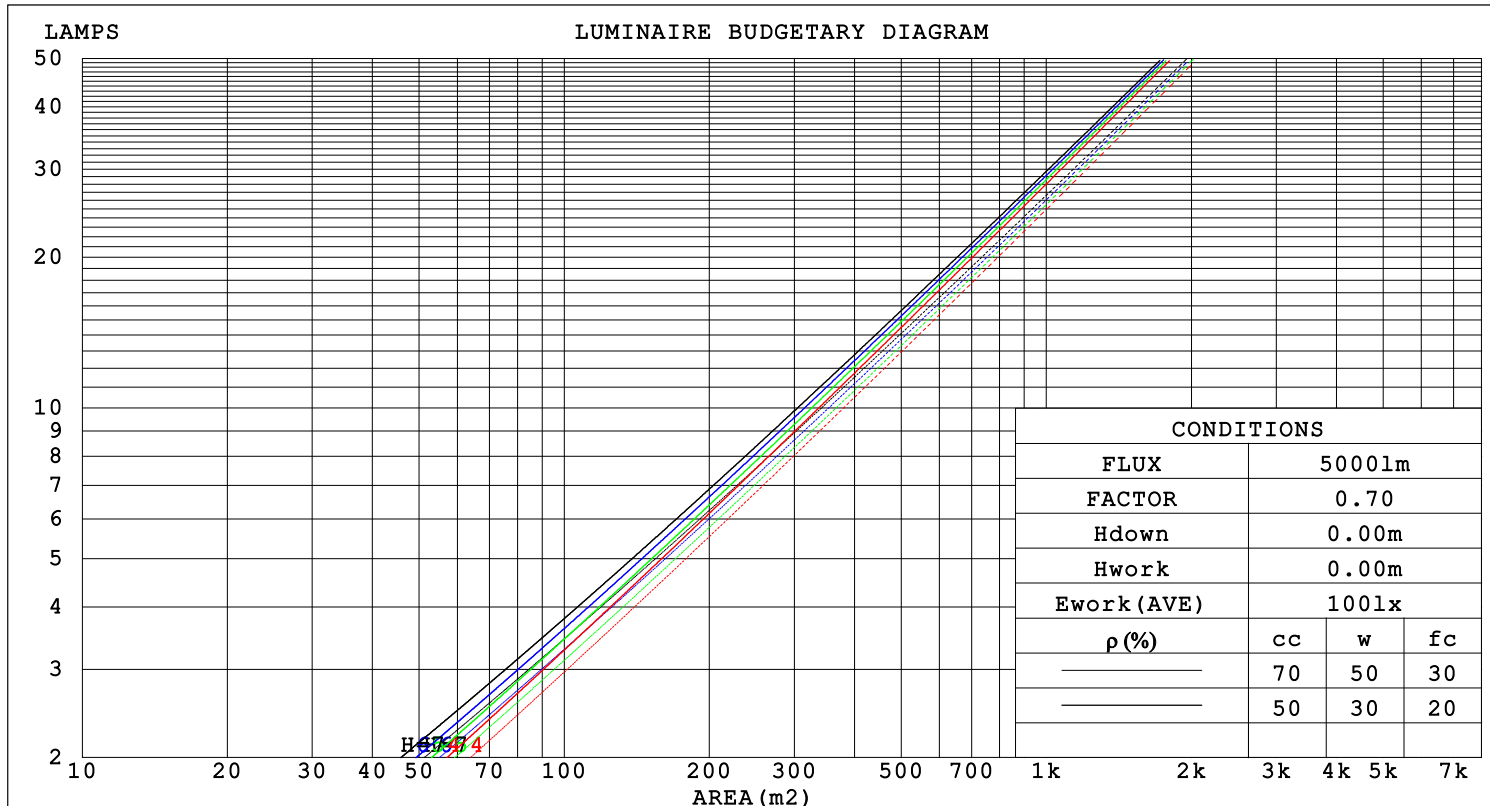
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	0.03	0.03	0.03	0.03	0.05	0.09	0.14	0.19	0.23	0.23	0.19	0.14	0.09	0.05	0.03	0.03	0.03	0.03	1.63	0.00				
45																								
40	0.04	0.04	0.06	0.09	0.15	0.23	0.35	0.46	0.54	0.54	0.45	0.34	0.22	0.14	0.09	0.06	0.04	0.04	3.86	0.00				
35	0.05	0.07	0.12	0.22	0.36	0.54	0.79	1.03	1.18	1.18	1.01	0.76	0.51	0.34	0.21	0.13	0.07	0.05	8.62	0.00				
30	0.06	0.12	0.23	0.44	0.73	1.12	1.63	2.15	2.50	2.49	2.14	1.59	1.09	0.71	0.43	0.23	0.12	0.06	17.8	10.4				
25	0.07	0.18	0.40	0.76	1.29	2.14	3.10	4.02	4.63	4.65	4.05	3.10	2.14	1.28	0.75	0.40	0.19	0.09	33.2	27.8				
20	0.09	0.25	0.59	1.15	2.15	3.58	5.08	6.52	7.57	7.64	6.68	5.26	3.71	2.20	1.15	0.61	0.27	0.12	54.6	50.2				
15	0.11	0.32	0.77	1.59	3.16	5.17	7.42	9.47	10.9	11.1	9.86	7.91	5.56	3.35	1.66	0.82	0.36	0.15	79.8	76.0				
	0.12	0.38	0.93	2.03	3.95	6.54	9.59	12.2	13.8	14.0	12.8	10.4	7.21	4.32	2.21	1.02	0.44	0.17	102	99.1				
	0.13	0.40	1.01	2.28	4.38	7.36	10.8	13.9	15.7	15.9	14.7	11.9	8.28	4.91	2.56	1.16	0.48	0.18	116	113				
	0.12	0.39	1.01	2.27	4.38	7.39	10.9	13.9	15.9	16.3	14.9	12.1	8.39	4.94	2.57	1.16	0.47	0.18	118	115				
	0.10	0.34	0.90	2.02	3.92	6.60	9.86	12.8	14.8	15.1	13.7	10.9	7.46	4.38	2.25	1.01	0.40	0.15	107	104				
-15	0.07	0.26	0.70	1.59	3.12	5.34	8.13	10.7	12.2	12.5	11.4	8.88	5.93	3.42	1.73	0.77	0.31	0.11	87.4	84.1				
-20	0.04	0.17	0.48	1.12	2.27	3.92	5.94	7.75	8.83	8.97	8.11	6.34	4.20	2.41	1.18	0.51	0.20	0.07	62.5	59.0				
-25	0.02	0.09	0.30	0.71	1.46	2.56	3.83	4.86	5.45	5.51	4.99	3.95	2.64	1.50	0.73	0.31	0.12	0.04	39.1	35.2				
-30	0.01	0.04	0.16	0.41	0.82	1.45	2.11	2.64	2.93	2.94	2.66	2.13	1.46	0.83	0.42	0.17	0.05	0.02	21.2	16.2				
-35	0.01	0.02	0.07	0.20	0.41	0.70	0.98	1.20	1.31	1.31	1.20	0.98	0.69	0.41	0.21	0.08	0.03	0.01	9.85	1.12				
-40	0.01	0.02	0.04	0.08	0.18	0.29	0.39	0.47	0.49	0.49	0.47	0.39	0.29	0.18	0.09	0.05	0.02	0.01	3.96	0.00				
-45	0.01	0.02	0.03	0.05	0.08	0.10	0.12	0.14	0.14	0.14	0.14	0.13	0.11	0.08	0.06	0.03	0.02	0.01	1.41	0.00				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45			
Φ t	1.08	3.15	7.83	17.0	32.8	55.1	81.2	105	119	121	110	87.4	60.0	35.5	18.3	8.57	3.62	1.49	891					
Φ a	0.00	0.00	0.00	10.3	28.0	51.0	77.5	101	116	118	106	83.7	55.9	30.7	12.2	0.80	0.00	0.00		792				

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:8.800 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	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95														
2.0	1.05	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90														
3.0	.00	.96	.92	.99	.95	.92	.96	.93	.90	.94	.91	.89	.92	.89	.87	.86														
4.0	.95	.90	.87	.94	.90	.86	.92	.88	.85	.90	.87	.84	.88	.86	.83	.82														
5.0	.90	.86	.82	.90	.85	.82	.88	.84	.81	.86	.83	.80	.85	.82	.80	.78														
6.0	.86	.81	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75														
7.0	.83	.78	.74	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.75	.73	.72														
8.0	.79	.74	.71	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69														
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66														
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.68	.65	.71	.67	.65	.64														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION 65							TYPE: 4000K CRI-90					WEIGHT:		
SPECIFICATION: OSRAM 250 MA							DIMENSION: D-72 CUTOUT-65 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	.158	.090	.029	.152	.087	.028	.139	.080	.026	.128	.074	.024	.117	.068	.022	
2.0	.148	.081	.025	.142	.078	.024	.132	.073	.023	.122	.068	.021	.113	.064	.020	
3.0	.138	.074	.022	.134	.072	.022	.125	.068	.021	.117	.064	.020	.109	.061	.019	
4.0	.130	.068	.020	.126	.066	.020	.119	.063	.019	.112	.060	.018	.106	.057	.017	
5.0	.123	.063	.018	.120	.062	.018	.114	.059	.017	.108	.057	.017	.102	.054	.016	
6.0	.117	.059	.017	.114	.058	.017	.109	.056	.016	.103	.054	.016	.099	.052	.015	
7.0	.112	.055	.016	.109	.054	.015	.104	.053	.015	.100	.051	.015	.095	.050	.015	
8.0	.107	.052	.015	.105	.051	.015	.100	.050	.014	.096	.049	.014	.092	.047	.014	
9.0	.102	.049	.014	.100	.049	.014	.096	.048	.014	.093	.047	.013	.089	.045	.013	
10.0	.098	.047	.013	.096	.047	.013	.093	.046	.013	.090	.045	.013	.087	.044	.012	

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	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.153	.133	.115	.131	.114	.100	.090	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.139	.113	.093	.119	.098	.081	.082	.068	.057	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.109	.085	.066	.075	.059	.047	.044	.035	.028	.014	.011	.009	
5.0	.118	.086	.063	.101	.075	.055	.070	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.110	.077	.053	.094	.066	.046	.065	.046	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.088	.060	.039	.061	.042	.028	.035	.025	.017	.011	.008	.005	
8.0	.096	.062	.039	.083	.054	.034	.057	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.078	.049	.029	.054	.035	.021	.032	.020	.012	.010	.007	.004	
10.0	.086	.052	.030	.074	.045	.026	.052	.032	.018	.030	.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:8.800 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 65					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-72 CUTOUT-65 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	-0.3	0.5	-0.1	0.6	0.8	-0.2	0.6	0.0	0.8	0.9
	3H	0.0	0.7	0.3	0.9	1.1	-0.1	0.6	0.1	0.8	1.0
	4H	0.4	1.1	0.7	1.3	1.5	-0.1	0.6	0.2	0.8	1.0
	6H	1.2	1.8	1.5	2.0	2.3	0.0	0.7	0.3	0.9	1.2
	8H	1.7	2.3	2.0	2.6	2.8	0.1	0.7	0.4	1.0	1.2
	12H	2.5	3.1	2.8	3.3	3.6	0.3	0.9	0.6	1.1	1.4
4H	2H	-0.4	0.2	-0.2	0.5	0.7	-0.3	0.4	-0.0	0.6	0.8
	3H	-0.1	0.5	0.2	0.8	1.0	0.0	0.6	0.4	0.9	1.2
	4H	0.4	0.9	0.7	1.2	1.5	0.4	0.9	0.7	1.2	1.5
	6H	1.3	1.8	1.7	2.2	2.5	0.8	1.3	1.1	1.6	1.9
	8H	2.1	2.5	2.5	2.9	3.2	1.0	1.4	1.4	1.8	2.1
	12H	3.1	3.5	3.5	3.9	4.3	1.3	1.7	1.7	2.1	2.5
8H	4H	0.5	1.0	0.9	1.3	1.7	0.5	1.0	0.9	1.3	1.7
	6H	1.5	1.9	1.9	2.3	2.7	1.4	1.8	1.9	2.2	2.6
	8H	2.3	2.6	2.7	3.0	3.5	2.0	2.3	2.4	2.7	3.2
	12H	3.6	3.9	4.0	4.3	4.8	2.7	2.9	3.1	3.4	3.8
12H	4H	0.6	1.0	1.0	1.4	1.8	0.5	0.9	0.9	1.3	1.7
	6H	1.6	2.0	2.1	2.4	2.8	1.5	1.9	2.0	2.3	2.7
	8H	2.5	2.7	2.9	3.2	3.6	2.3	2.6	2.8	3.0	3.5
Variations with the observer position at spacings:											
S = 1.0H		+ 1.6 / - 1.0					+ 1.1 / - 1.0				
1.5H		+ 3.3 / - 1.3					+ 2.5 / - 1.1				
2.0H		+ 1.7 / - 0.6					+ 0.7 / - 0.6				

CIE Pub.117 Corrected 890.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

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:8.800 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 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) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	89	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	104	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	102	96
3.00	112	109	106	110	108	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		

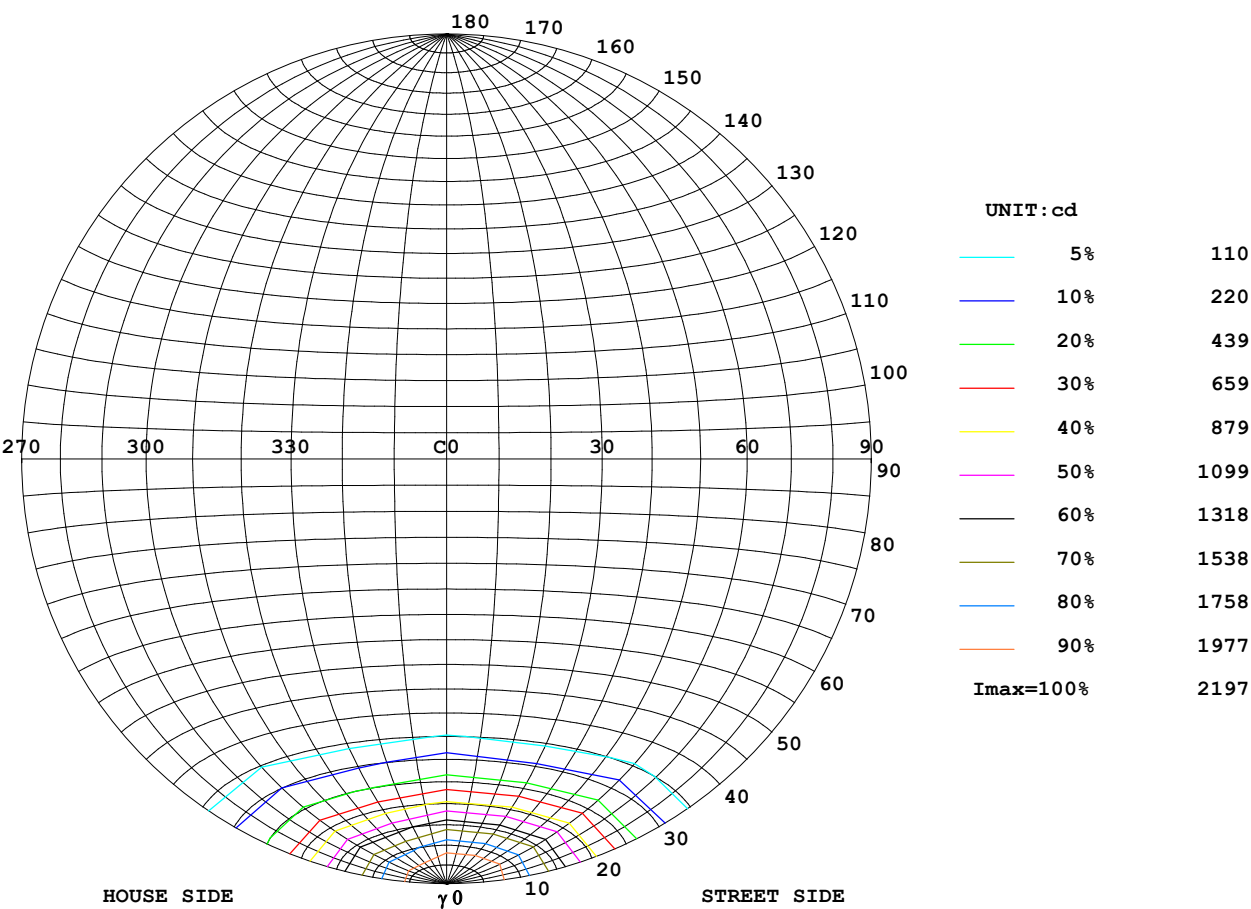
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-17-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:



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

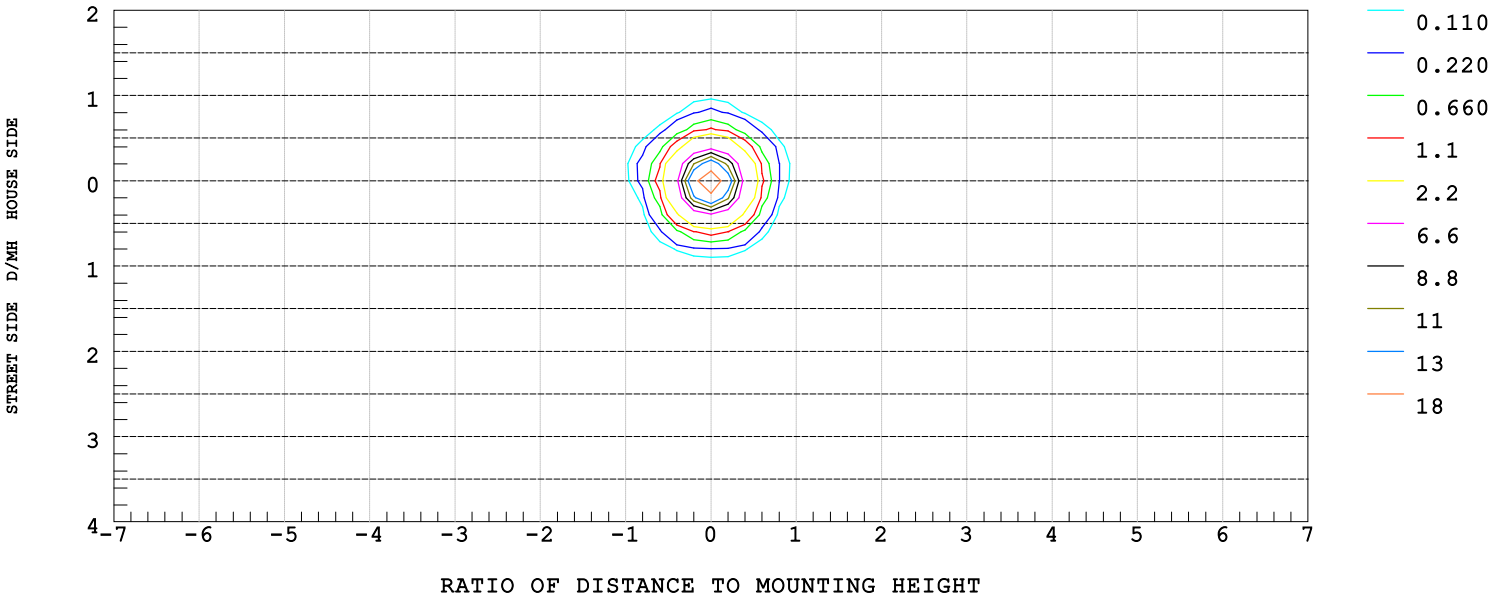
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 21.97 lx



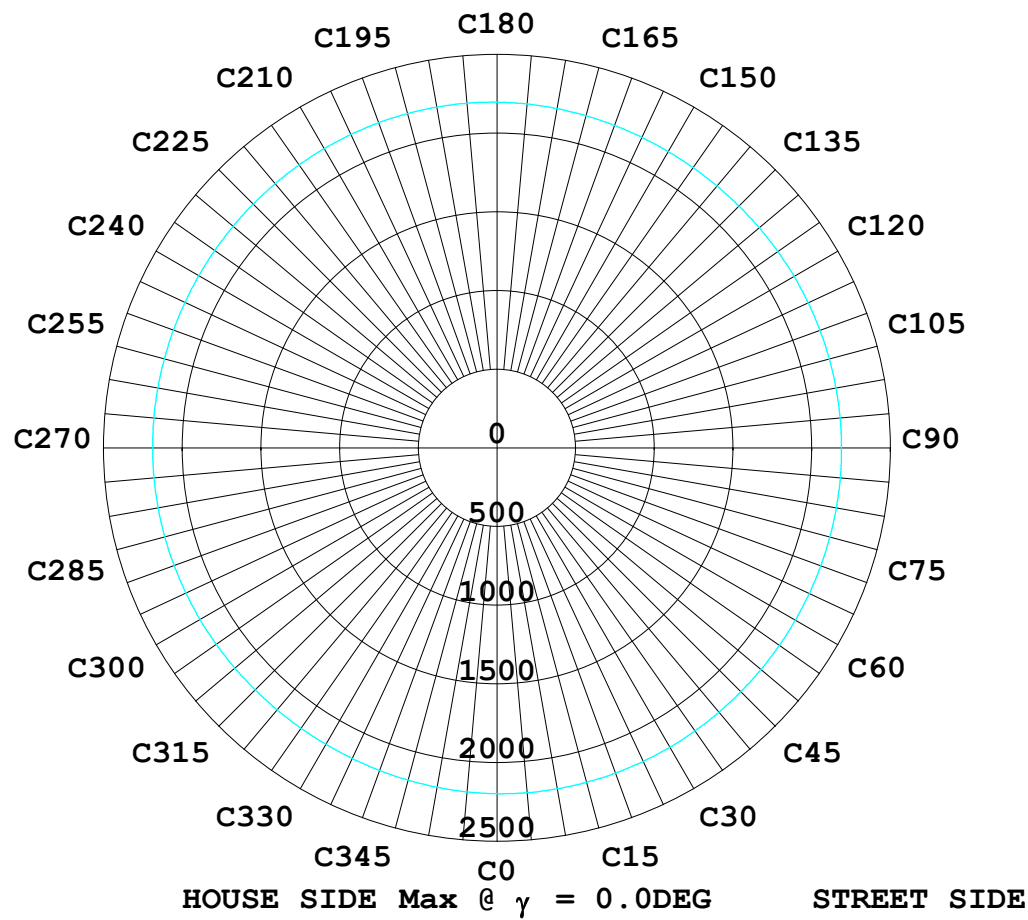
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 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:8.800 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 65	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 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	2197	2197	2189	2189	2180	2175	2197	2197	2189	2189	2180	2175
5.0	2146	2149	2158	2128	2104	2042	2048	2043	2022	2047	2054	2104
10.0	1873	1882	1911	1861	1830	1722	1719	1713	1673	1715	1728	1825
15.0	1438	1447	1496	1447	1413	1286	1267	1258	1211	1260	1260	1376
20.0	912	926	985	931	929	820	802	813	766	796	788	887
25.0	519	509	562	528	545	464	461	479	436	458	435	504
30.0	261	237	279	250	278	225	224	218	206	219	199	218
35.0	114	93.7	116	96.0	117	90.4	96.2	112	87.5	103	83.5	112
40.0	47.0	32.2	45.0	30.3	44.8	29.8	35.2	47.7	32.2	44.2	30.8	47.4
45.0	19.1	6.65	14.7	3.48	13.4	3.71	7.97	19.1	9.29	19.5	9.75	20.2
50.0	9.68	1.62	8.90	1.16	8.75	1.16	2.71	9.13	1.54	8.90	1.39	8.90
55.0	7.89	1.31	7.27	0.93	7.04	1.00	2.40	7.35	1.16	7.12	1.16	7.20
60.0	6.65	1.31	6.04	0.85	5.96	0.93	2.40	6.19	1.00	5.96	0.93	5.96
65.0	5.80	1.16	5.34	0.93	5.18	1.00	2.40	5.34	1.00	5.18	0.93	5.18
70.0	5.18	1.23	4.72	1.00	4.72	0.93	2.55	4.80	1.00	4.56	0.93	4.56
75.0	4.72	1.31	4.33	1.08	4.25	1.00	2.71	4.25	1.00	4.10	1.00	4.10
80.0	4.33	1.39	3.94	1.16	3.87	1.16	2.78	3.87	1.08	3.71	1.08	3.71
85.0	4.02	1.47	3.63	1.23	3.56	1.23	2.94	3.56	1.08	3.40	1.16	3.40
90.0	3.79	2.01	3.32	1.70	3.32	1.70	3.87	3.17	1.47	3.02	1.39	3.09

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:8.800 m
Remarks: 4000K