

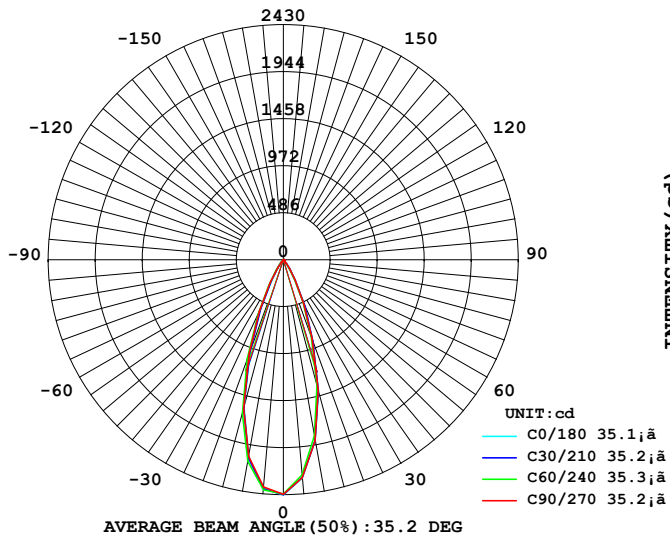
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

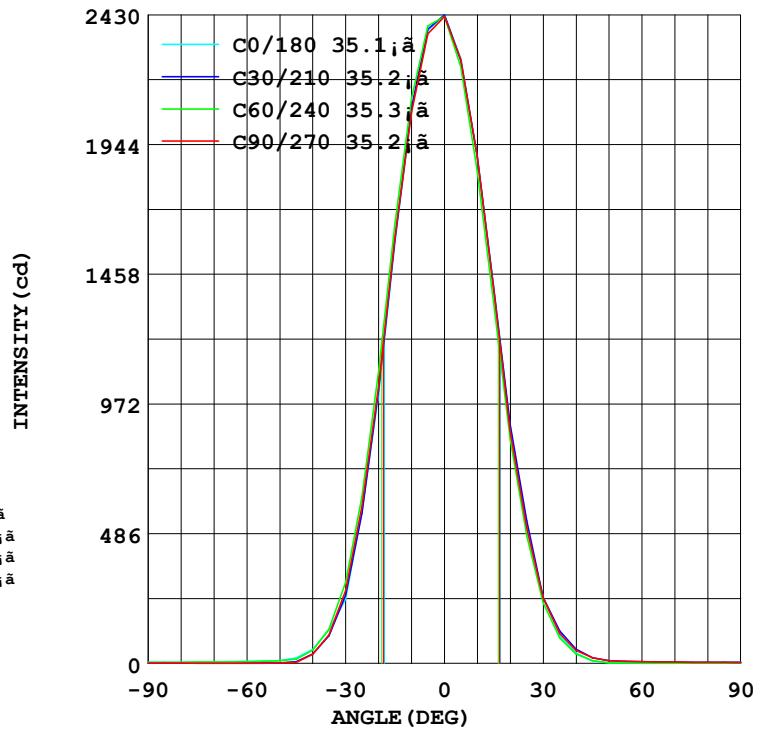
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2430	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)	984.45	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	96.5	Current (A)	0.048
NOMINAL FLUX (lm)	984.5	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	Effective Flux (lm)	875.4	EEI	0.148

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: 9.300 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 65	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

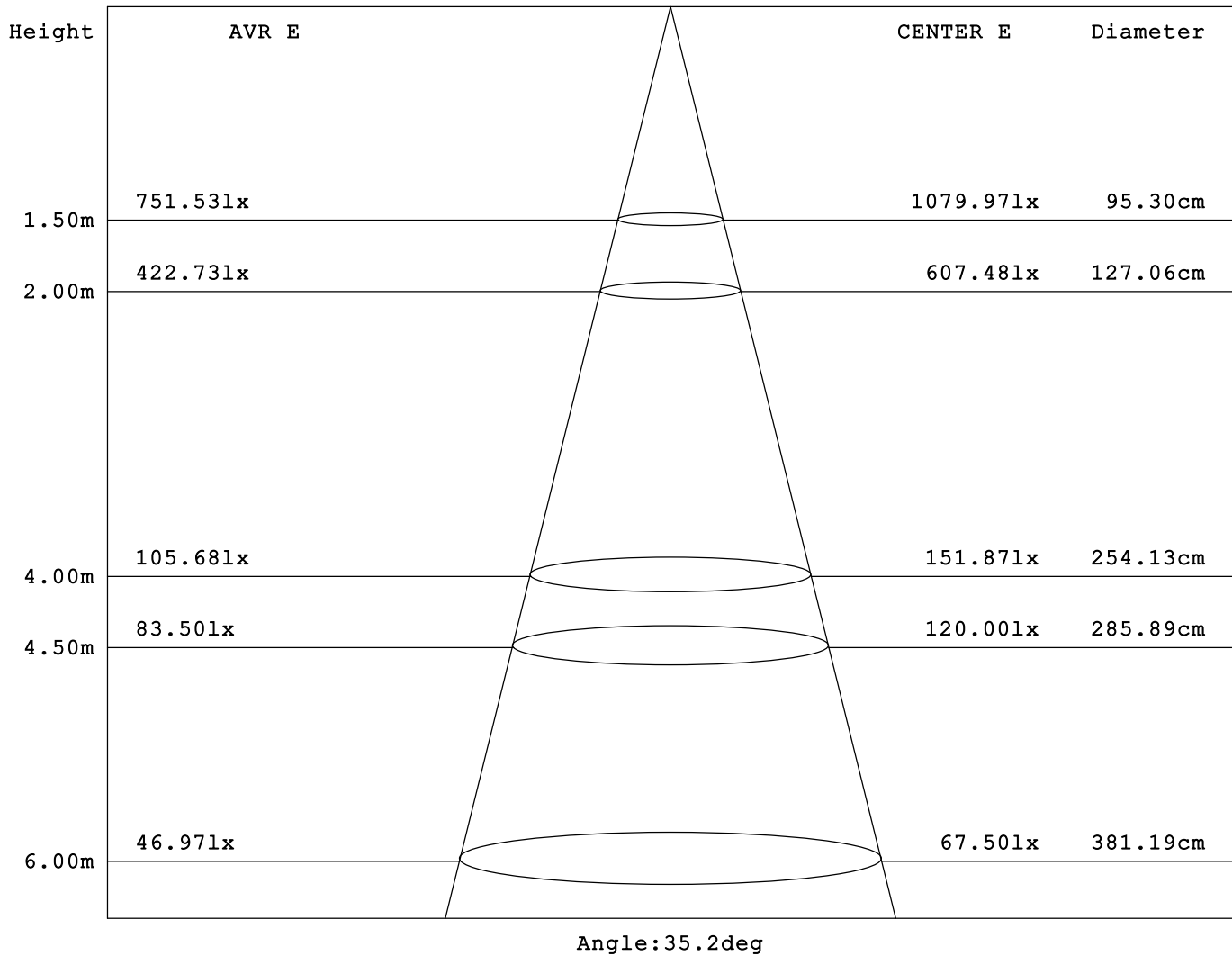
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
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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: 5700K 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:9.300 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K 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	2071	2099	2065	1974	1899	1875	1902	1965	0- 10	210.0	210.0
20.0	1007	1059	1037	974.6	886.4	869.2	871.1	917.6	10- 20	407.0	617.0
30.0	241.6	280.1	273.1	276.2	249.8	237.9	246.5	232.8	20- 30	258.3	875.4
40.0	51.72	42.94	34.16	42.16	39.52	44.54	48.86	43.15	30- 40	80.03	955.4
50.0	10.63	5.881	1.383	5.578	2.940	5.881	9.773	5.751	40- 50	14.46	969.9
60.0	7.351	4.021	1.037	3.848	2.594	4.021	6.659	3.848	50- 60	4.378	974.2
70.0	5.794	3.329	1.124	3.156	2.854	3.200	5.102	3.070	60- 70	3.657	977.9
80.0	4.756	2.940	1.210	2.767	3.113	2.767	4.151	2.637	70- 80	3.336	981.2
90.0	4.151	2.983	1.902	2.810	4.324	2.637	3.373	2.508	80- 90	3.184	984.4
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:9.300 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K 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	516	169
80	274	70
75	204	43
70	169	33
65	151	25
60	147	21
55	152	20
50	166	22
45	291	55

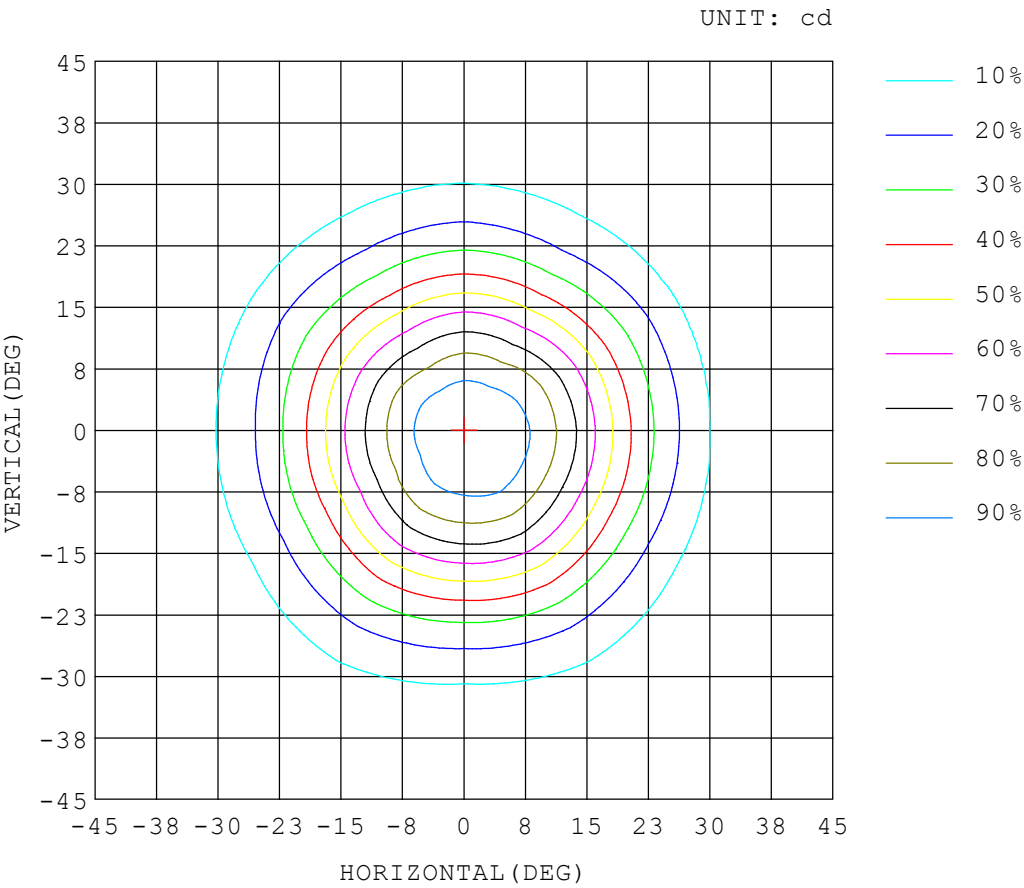
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:



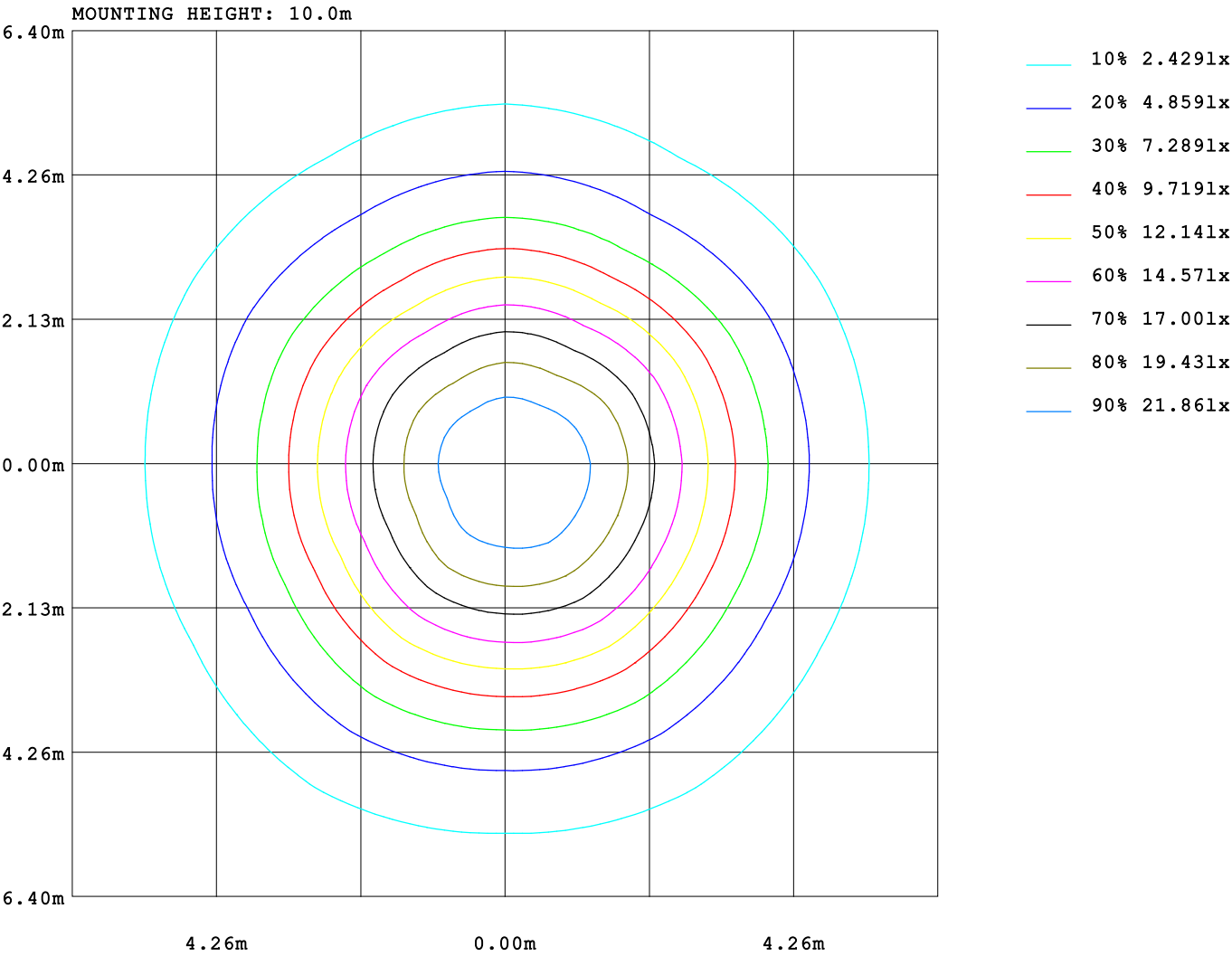
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K 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:9.300 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: FLEXION 65										TYPE: 5700K 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
	0.04	0.04	0.03	0.04	0.05	0.09	0.15	0.21	0.25	0.25	0.21	0.15	0.09	0.05	0.04	0.03	0.03	0.03	1.81	0.00			
45																							
40	0.04	0.05	0.07	0.10	0.16	0.25	0.38	0.50	0.59	0.58	0.49	0.37	0.24	0.16	0.10	0.07	0.05	0.04	4.24	0.00			
35	0.05	0.08	0.14	0.24	0.39	0.58	0.86	1.13	1.32	1.31	1.11	0.83	0.56	0.38	0.23	0.14	0.08	0.05	9.50	0.00			
30	0.06	0.13	0.26	0.48	0.80	1.24	1.81	2.39	2.78	2.77	2.36	1.76	1.20	0.77	0.47	0.26	0.14	0.07	19.7	11.5			
25	0.08	0.20	0.45	0.83	1.44	2.37	3.40	4.43	5.09	5.11	4.43	3.38	2.35	1.42	0.82	0.44	0.21	0.10	36.6	30.6			
20	0.10	0.28	0.65	1.28	2.41	3.96	5.59	7.18	8.36	8.43	7.34	5.76	4.08	2.44	1.28	0.66	0.30	0.13	60.2	55.5			
15	0.12	0.36	0.85	1.78	3.52	5.71	8.22	10.5	12.1	12.3	10.9	8.74	6.11	3.70	1.80	0.88	0.39	0.16	88.2	84.1			
	0.14	0.42	1.02	2.26	4.37	7.24	10.6	13.5	15.3	15.5	14.2	11.5	7.95	4.77	2.34	1.06	0.48	0.19	113	109			
	0.14	0.44	1.12	2.52	4.84	8.17	12.0	15.4	17.3	17.6	16.3	13.1	9.12	5.42	2.68	1.16	0.53	0.20	128	125			
	0.13	0.43	1.12	2.51	4.84	8.20	12.1	15.4	17.6	18.1	16.5	13.3	9.22	5.45	2.69	1.16	0.52	0.19	130	126			
	0.11	0.38	0.99	2.24	4.35	7.33	10.9	14.3	16.4	16.7	15.2	12.0	8.23	4.84	2.36	1.04	0.44	0.16	118	115			
-15	0.08	0.29	0.78	1.76	3.47	5.95	9.01	11.9	13.5	13.8	12.5	9.80	6.57	3.77	1.83	0.83	0.34	0.12	96.5	92.8			
-20	0.05	0.19	0.54	1.24	2.51	4.37	6.62	8.61	9.77	9.92	8.98	7.03	4.65	2.64	1.28	0.57	0.22	0.08	69.3	65.3			
-25	0.02	0.11	0.33	0.79	1.61	2.83	4.26	5.41	6.07	6.13	5.55	4.38	2.91	1.64	0.80	0.34	0.13	0.04	43.4	39.1			
-30	0.01	0.04	0.18	0.46	0.91	1.60	2.33	2.92	3.24	3.25	2.94	2.34	1.60	0.91	0.46	0.19	0.06	0.02	23.4	17.9			
-35	0.01	0.02	0.08	0.22	0.46	0.78	1.09	1.33	1.45	1.45	1.33	1.08	0.77	0.46	0.23	0.09	0.03	0.01	10.9	1.23			
-40	0.01	0.02	0.04	0.09	0.20	0.33	0.44	0.52	0.55	0.55	0.52	0.44	0.33	0.21	0.10	0.05	0.02	0.01	4.43	0.00			
-45	0.01	0.02	0.04	0.06	0.09	0.11	0.14	0.16	0.15	0.15	0.16	0.14	0.12	0.09	0.06	0.04	0.02	0.02	1.57	0.00			
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45		
Φ t	1.21	3.50	8.69	18.9	36.4	61.2	90.1	116	132	134	121	96.4	66.1	39.1	19.6	9.01	3.99	1.63	984				
Φ a	0.00	0.00	0.00	11.6	31.0	56.7	85.9	112	128	130	117	92.3	61.6	33.8	12.2	0.00	0.00	0.00		875			

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

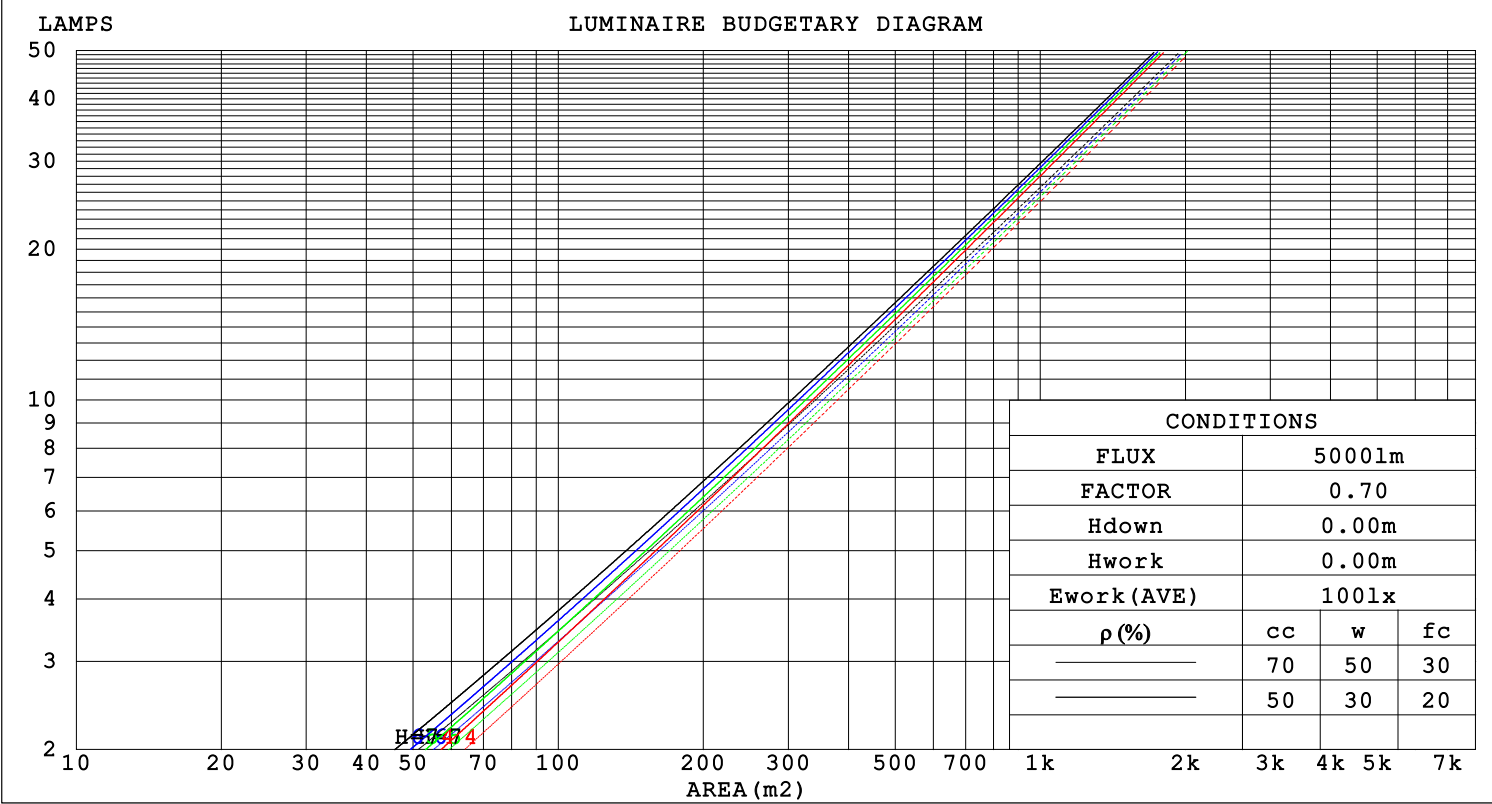
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION 65								TYPE: 5700K 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
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	1.12	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 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:9.300 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION 65							TYPE: 5700K 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	.060	.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	.104	.051	.015	.100	.050	.014	.096	.049	.014	.092	.047	.014	
9.0	.102	.049	.014	.100	.049	.014	.096	.048	.014	.093	.046	.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:9.300 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 65					TYPE: 5700K 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	0.0	0.8	0.2	0.9	1.1	0.2	1.0	0.4	1.2	1.3
	3H	0.3	1.1	0.6	1.3	1.4	0.3	1.0	0.5	1.2	1.4
	4H	0.8	1.5	1.0	1.7	1.9	0.3	1.0	0.6	1.2	1.4
	6H	1.5	2.1	1.8	2.4	2.6	0.4	1.1	0.7	1.3	1.6
	8H	2.1	2.7	2.4	2.9	3.2	0.5	1.1	0.8	1.4	1.6
	12H	2.8	3.4	3.1	3.7	4.0	0.7	1.3	1.0	1.6	1.8
4H	2H	-0.1	0.6	0.1	0.8	1.0	0.1	0.8	0.4	1.0	1.2
	3H	0.2	0.8	0.6	1.1	1.4	0.5	1.1	0.8	1.3	1.6
	4H	0.7	1.3	1.1	1.6	1.9	0.8	1.3	1.1	1.6	1.9
	6H	1.7	2.2	2.1	2.5	2.8	1.1	1.6	1.5	1.9	2.3
	8H	2.5	2.9	2.8	3.3	3.6	1.4	1.8	1.8	2.2	2.5
	12H	3.5	3.9	3.9	4.3	4.7	1.7	2.2	2.2	2.5	2.9
8H	4H	0.9	1.3	1.2	1.7	2.0	0.9	1.4	1.3	1.7	2.1
	6H	1.9	2.2	2.3	2.6	3.0	1.8	2.2	2.2	2.6	3.0
	8H	2.7	3.0	3.2	3.5	3.9	2.4	2.7	2.9	3.2	3.6
	12H	4.0	4.3	4.5	4.7	5.2	3.1	3.4	3.6	3.8	4.3
12H	4H	0.9	1.4	1.4	1.7	2.1	0.9	1.3	1.3	1.7	2.1
	6H	2.0	2.3	2.5	2.8	3.2	1.9	2.2	2.4	2.7	3.1
	8H	2.9	3.2	3.4	3.6	4.1	2.7	3.0	3.2	3.5	3.9
Variations with the observer position at spacings:											
S = 1.0H		+ 1.6 / - 1.0					+ 1.1 / - 1.0				
1.5H		+ 3.2 / - 1.3					+ 2.5 / - 1.1				
2.0H		+ 1.6 / - 0.6					+ 0.7 / - 0.7				

CIE Pub.117 Corrected 984.4 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:9.300 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K 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		

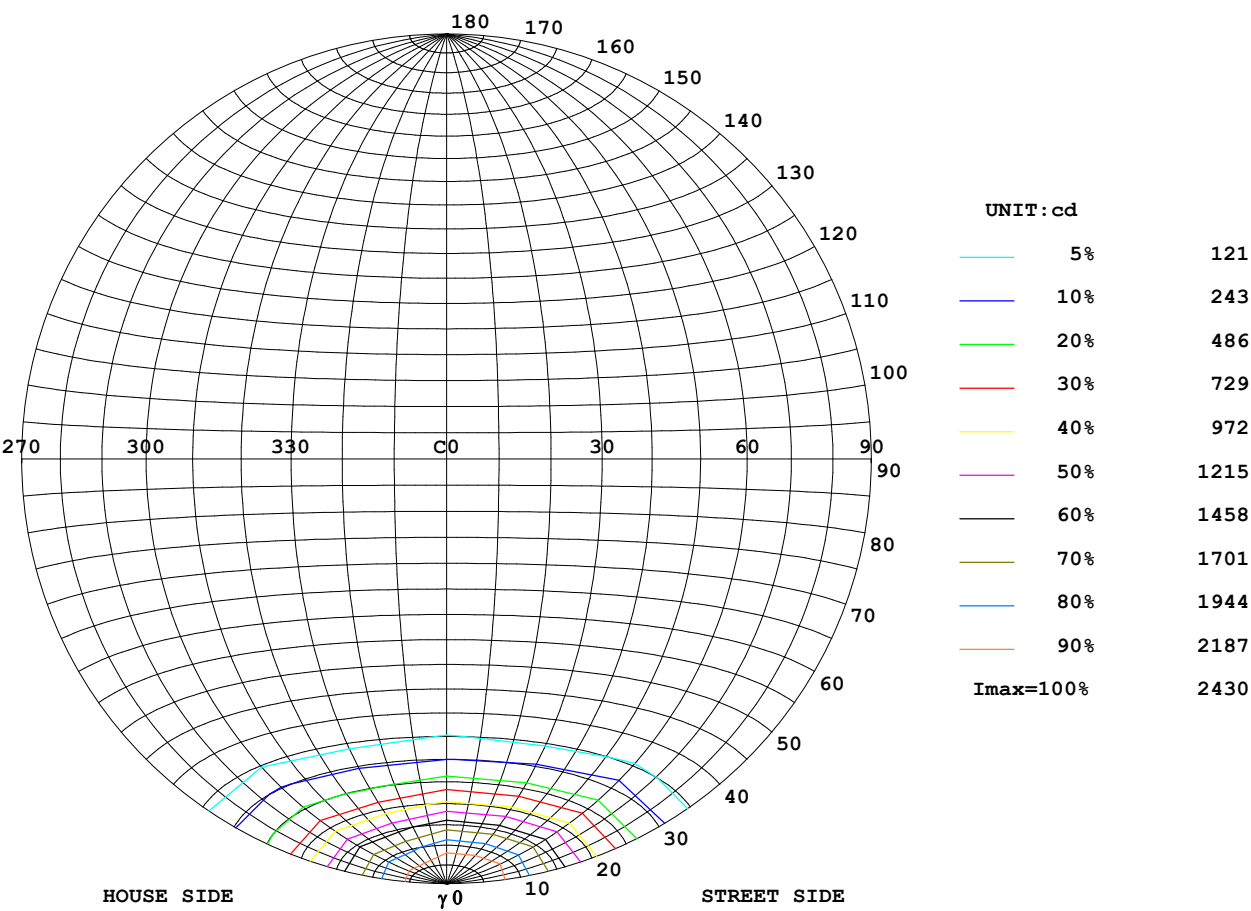
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.300 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K 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

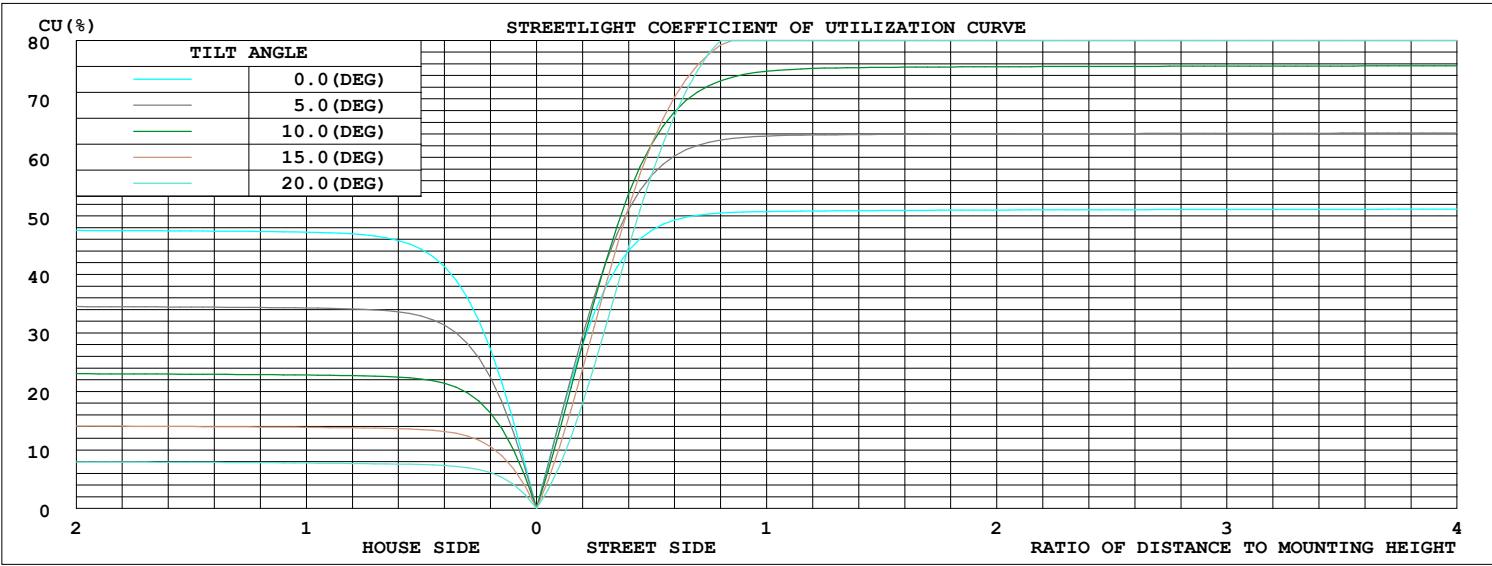
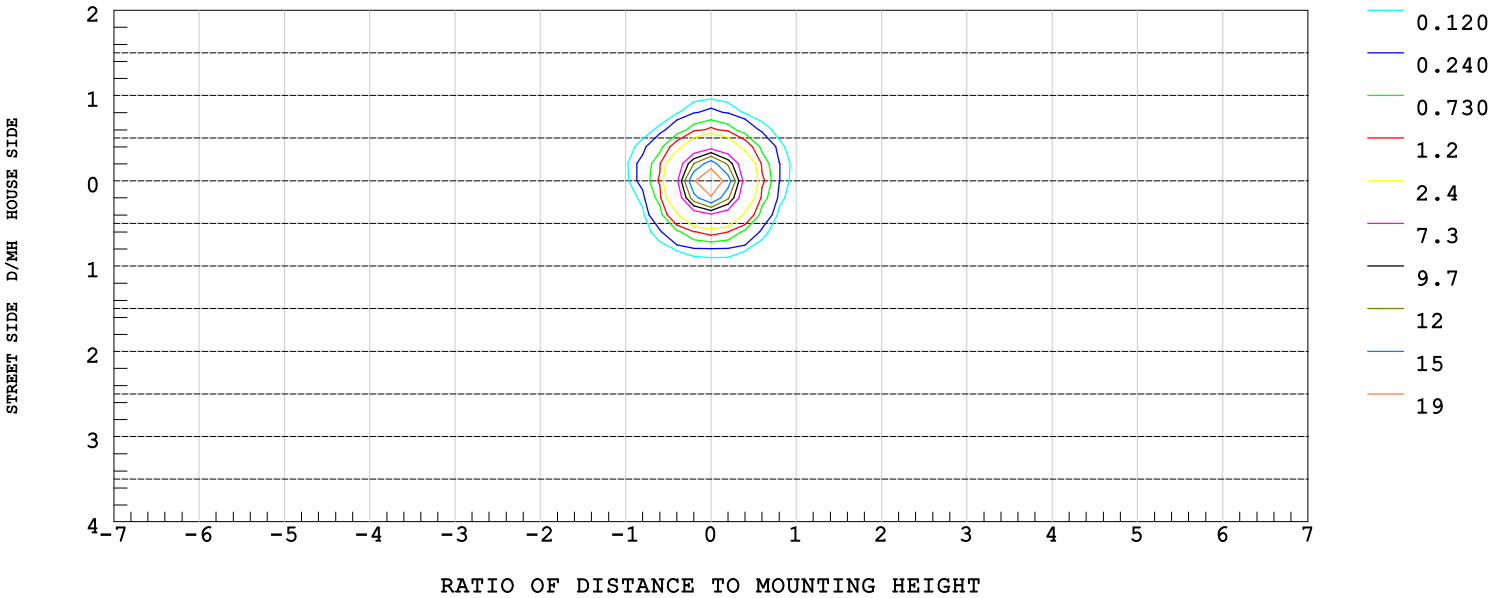
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 24.30 lx



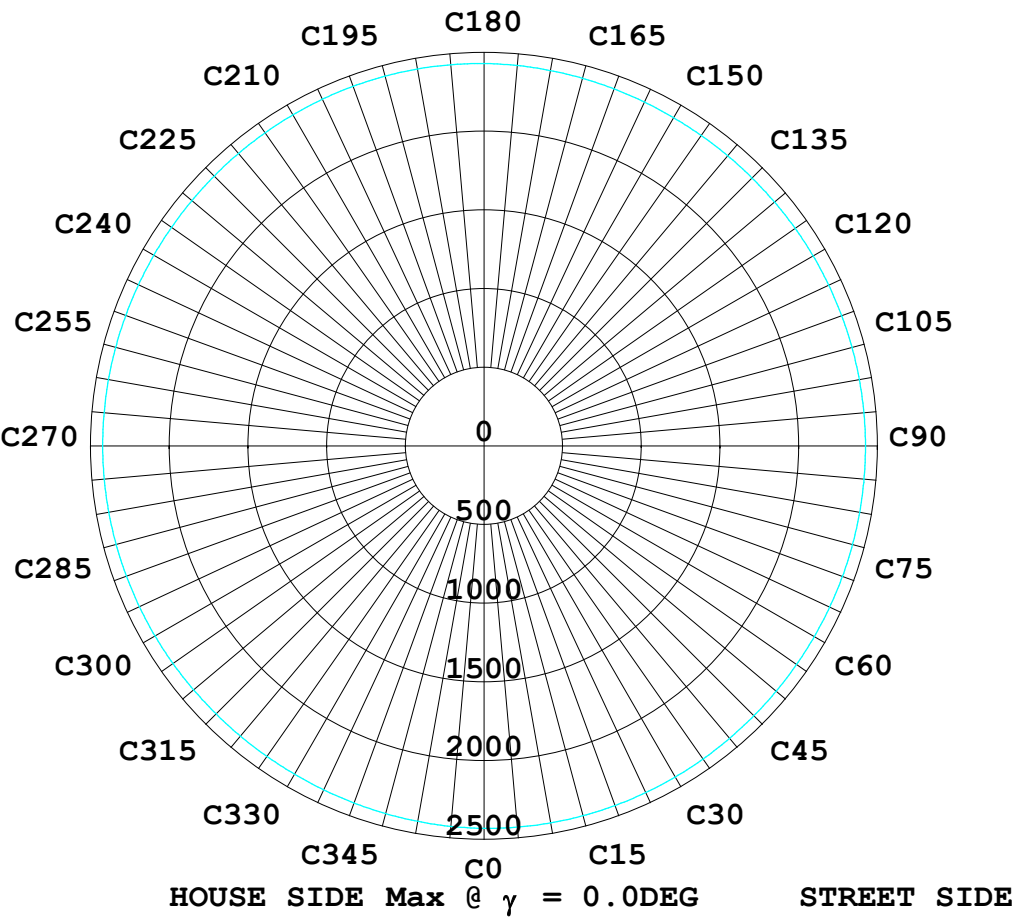
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-17-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.300 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 5700K 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:9.300 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 65	TYPE: 5700K 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	2430	2430	2423	2423	2415	2409	2430	2430	2423	2423	2415	2409
5.0	2371	2377	2389	2358	2333	2266	2266	2258	2234	2262	2269	2327
10.0	2071	2082	2116	2065	2033	1915	1899	1903	1847	1902	1904	2025
15.0	1576	1588	1647	1594	1560	1419	1410	1401	1346	1399	1397	1528
20.0	1007	1024	1093	1037	1035	914	886	896	842	871	862	973
25.0	572	562	625	588	608	518	508	534	479	508	473	559
30.0	242	256	304	273	306	247	250	248	228	247	220	245
35.0	125	103	129	108	131	101	105	122	95.1	112	89.9	122
40.0	51.7	35.5	50.3	34.1	50.5	33.8	39.5	53.1	35.8	48.8	33.8	52.4
45.0	20.5	7.09	16.2	3.89	14.9	4.06	9.08	21.5	10.4	21.5	10.6	22.4
50.0	10.6	1.81	9.94	1.38	9.77	1.38	2.94	10.1	1.64	9.77	1.55	9.94
55.0	8.73	1.47	7.95	1.12	7.87	1.03	2.68	8.21	1.29	7.87	1.21	7.95
60.0	7.35	1.29	6.74	1.03	6.65	1.03	2.59	6.91	1.12	6.65	1.03	6.65
65.0	6.40	1.29	5.96	1.03	5.79	1.03	2.68	5.88	1.12	5.70	1.03	5.79
70.0	5.79	1.38	5.27	1.12	5.18	1.12	2.85	5.27	1.12	5.10	1.03	5.10
75.0	5.27	1.47	4.84	1.12	4.67	1.21	2.94	4.75	1.21	4.67	1.03	4.58
80.0	4.75	1.55	4.32	1.21	4.32	1.21	3.11	4.32	1.21	4.15	1.12	4.15
85.0	4.49	1.72	4.15	1.47	3.97	1.38	3.20	3.97	1.29	3.80	1.21	3.80
90.0	4.15	2.16	3.80	1.90	3.71	1.90	4.32	3.63	1.64	3.37	1.55	3.45

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:9.300 m
Remarks: 5700K