

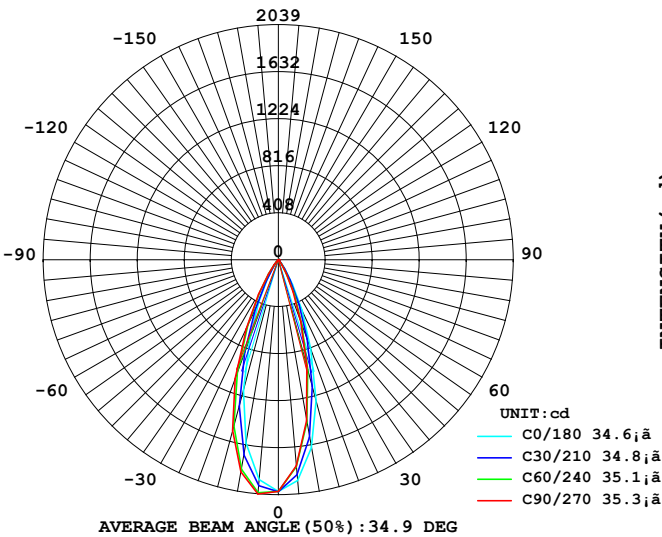
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

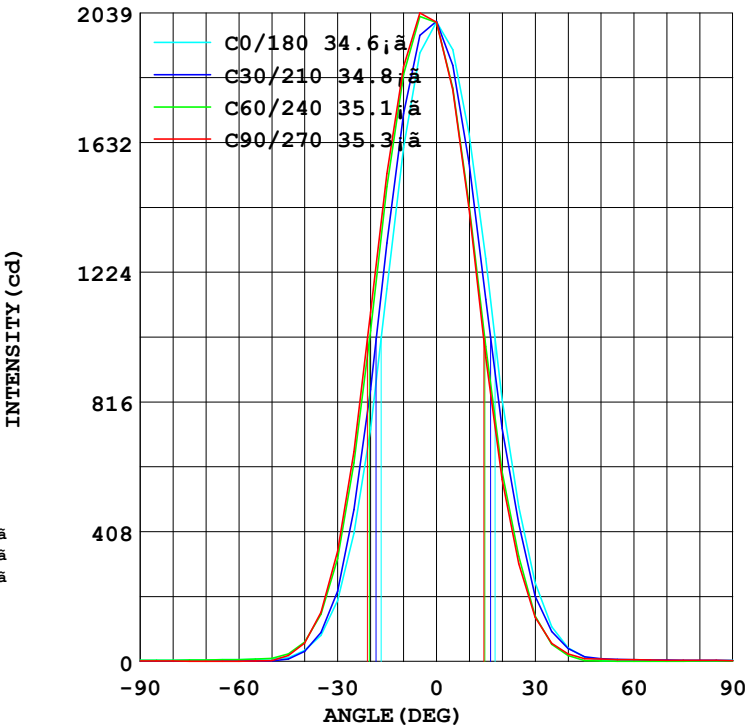
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2039	S/MH (C0/180)	0.56
MODEL	FLEXION 65	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.66
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	830.68	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	81.2	Current (A)	0.047
NOMINAL FLUX (lm)	830.7	η up (%)	0.0	Power (W)	10.23
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.983
TEST VOLTAGE (V)	219.5	Effictive Flux(lm)	752.8	EEI	0.168

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-16-2025

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 65	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

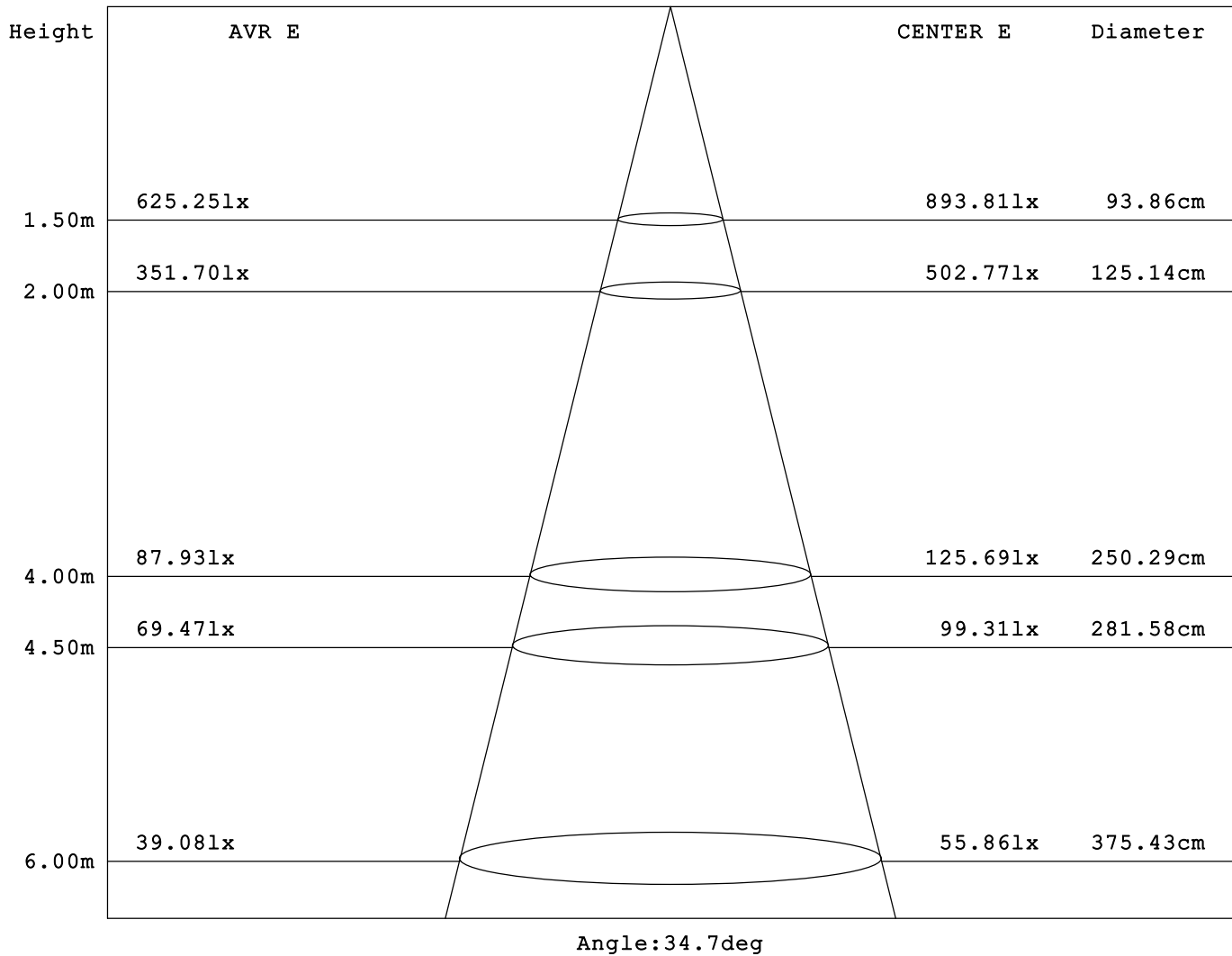
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
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 65	TYPE: 3000K 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: 07-16-2025

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 65	TYPE: 3000K 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	1615	1784	1870	1792	1657	1500	1421	1456	0- 10	173.7	173.7
20.0	729.5	947.5	1098	1010	823.6	664.1	571.4	593.4	10- 20	337.2	511.0
30.0	191.2	272.5	346.8	351.1	247.5	174.8	139.1	139.2	20- 30	221.3	732.4
40.0	34.24	46.27	57.65	63.36	42.84	29.47	24.13	20.66	30- 40	72.71	805.1
50.0	8.381	5.310	2.167	5.996	2.528	4.660	7.080	4.154	40- 50	13.57	818.6
60.0	5.852	3.504	0.939	3.504	2.239	3.215	5.057	2.962	50- 60	3.648	822.3
70.0	4.624	2.853	0.939	2.745	2.384	2.564	3.973	2.420	60- 70	3.003	825.3
80.0	3.901	2.492	1.083	2.384	2.528	2.275	3.323	2.131	70- 80	2.733	828.0
90.0	3.468	2.528	1.517	2.312	3.540	2.131	2.673	1.950	80- 90	2.609	830.6
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:07-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
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LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 3000K 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	423	133
80	225	62
75	162	36
70	135	27
65	121	21
60	117	19
55	120	19
50	130	34
45	167	265

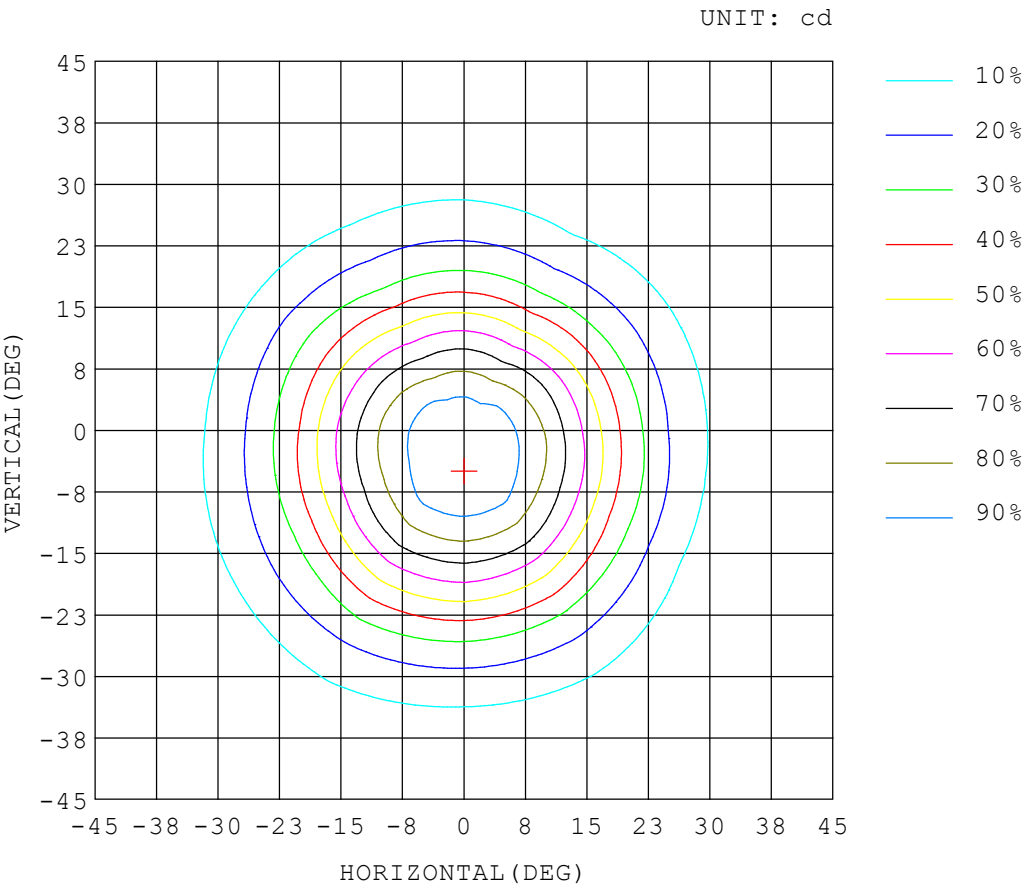
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-16-2025

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 65	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:



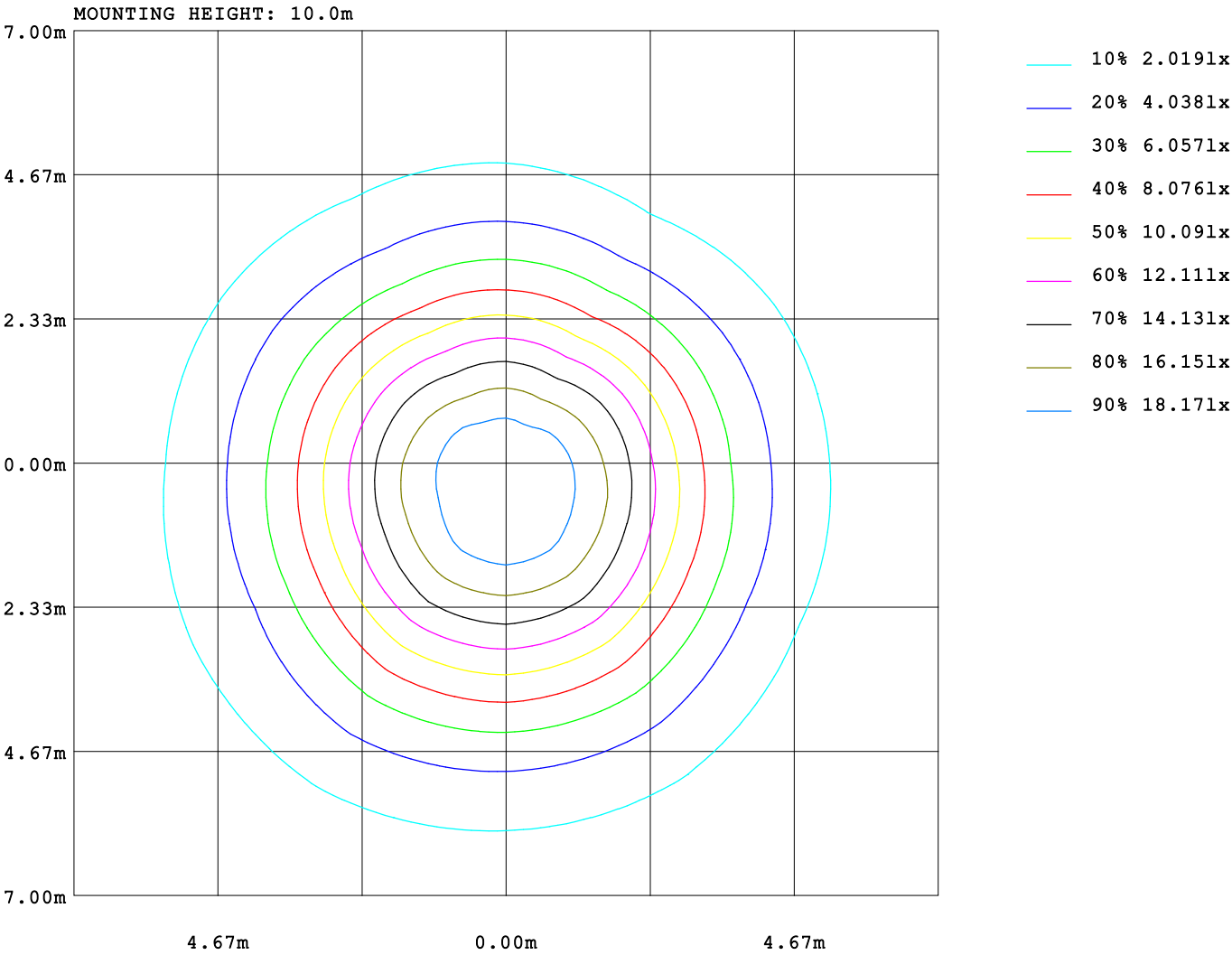
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-16-2025

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 65	TYPE: 3000K 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:07-16-2025

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 65										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-72 CUTOUT-65 H-72 MM					SERIAL No.:				

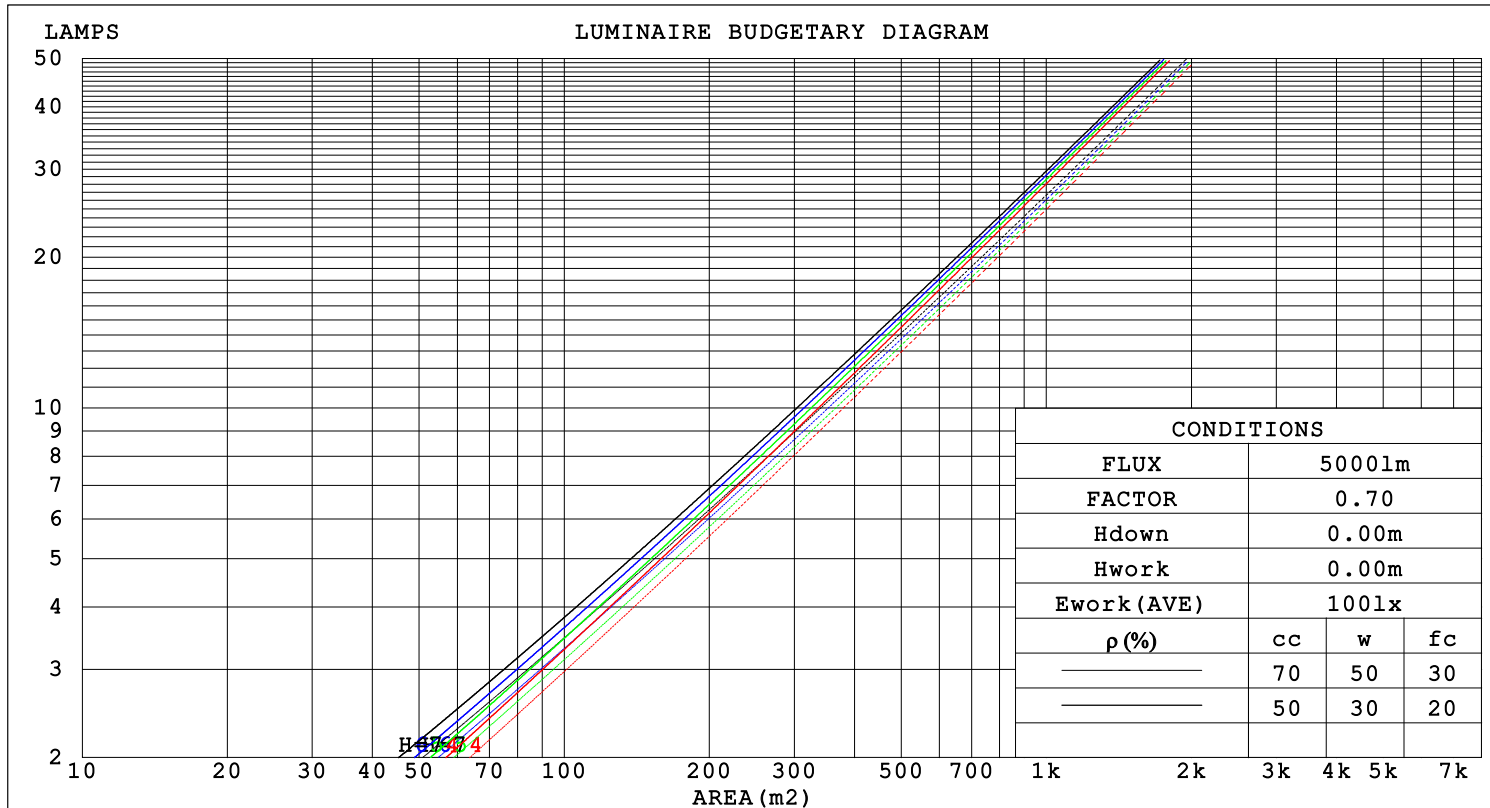
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45			
	0.03	0.03	0.03	0.02	0.02	0.03	0.06	0.10	0.12	0.12	0.09	0.06	0.03	0.01	0.02	0.02	0.03	0.03	0.82	0.00		
	0.03	0.04	0.04	0.05	0.08	0.13	0.20	0.26	0.30	0.29	0.24	0.16	0.09	0.06	0.04	0.03	0.03	0.03	2.09	0.00		
	0.04	0.06	0.09	0.15	0.24	0.33	0.49	0.64	0.73	0.71	0.58	0.41	0.26	0.17	0.11	0.06	0.04	0.04	5.15	0.00		
	0.05	0.09	0.19	0.33	0.54	0.81	1.14	1.49	1.68	1.62	1.33	0.95	0.64	0.40	0.24	0.13	0.06	0.04	11.7	3.85		
	0.06	0.16	0.34	0.62	1.07	1.70	2.35	2.96	3.31	3.21	2.68	1.94	1.36	0.84	0.46	0.24	0.11	0.05	23.5	18.2		
	0.09	0.23	0.52	1.04	1.90	3.01	4.08	5.06	5.73	5.61	4.74	3.62	2.50	1.53	0.81	0.38	0.17	0.07	41.1	37.2		
	0.12	0.32	0.74	1.54	2.91	4.57	6.35	7.86	8.88	8.72	7.42	5.82	3.97	2.38	1.21	0.55	0.24	0.09	63.7	60.4		
	0.14	0.40	0.95	2.04	3.80	6.09	8.69	10.8	11.9	11.8	10.4	8.13	5.45	3.21	1.63	0.73	0.30	0.11	86.8	83.8		
	0.16	0.45	1.10	2.38	4.43	7.24	10.3	12.9	14.2	14.1	12.6	9.85	6.57	3.81	1.93	0.85	0.34	0.13	104	101		
	0.16	0.46	1.17	2.51	4.64	7.64	10.9	13.5	15.0	15.1	13.4	10.5	7.01	4.04	2.02	0.88	0.35	0.13	110	107		
	0.15	0.43	1.11	2.42	4.37	7.18	10.3	13.0	14.6	14.6	12.9	10.0	6.64	3.82	1.88	0.82	0.32	0.11	105	102		
-15	0.12	0.36	0.93	2.11	3.72	6.14	8.97	11.4	12.7	12.6	11.2	8.60	5.63	3.16	1.53	0.67	0.26	0.09	90.5	87.7		
-20	0.09	0.27	0.68	1.62	2.97	4.74	6.99	8.86	9.83	9.75	8.59	6.57	4.25	2.36	1.11	0.48	0.18	0.06	69.4	66.4		
-25	0.06	0.18	0.46	1.03	2.06	3.33	4.78	5.93	6.58	6.49	5.66	4.38	2.85	1.58	0.76	0.31	0.11	0.04	46.6	43.4		
-30	0.03	0.11	0.29	0.64	1.21	2.03	2.83	3.45	3.79	3.72	3.25	2.52	1.69	0.95	0.47	0.19	0.06	0.02	27.2	23.3		
-35	0.01	0.06	0.16	0.35	0.66	1.08	1.46	1.76	1.90	1.85	1.63	1.27	0.89	0.52	0.26	0.11	0.04	0.01	14.0	6.80		
-40	0.01	0.03	0.08	0.18	0.34	0.51	0.66	0.78	0.82	0.79	0.71	0.57	0.41	0.26	0.13	0.06	0.02	0.01	6.35	0.00		
-45	0.01	0.02	0.04	0.08	0.15	0.22	0.27	0.30	0.30	0.29	0.27	0.23	0.17	0.12	0.07	0.04	0.02	0.01	2.61	0.00		
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45	
Φ t	1.35	3.68	8.93	19.1	35.1	56.8	81.0	101	113	112	98.1	75.6	50.4	29.2	14.7	6.53	2.68	1.05	831			
Φ a	0.00	0.00	1.63	14.0	31.1	53.2	77.6	98.2	110	109	94.9	72.1	46.8	25.0	8.38	0.00	0.00	0.00		753		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-16-2025

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	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.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	.98	.95	.91	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86														
4.0	.95	.90	.87	.94	.89	.86	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82														
5.0	.90	.85	.82	.89	.85	.81	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78														
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.76	.75														
7.0	.82	.77	.74	.82	.77	.74	.81	.76	.73	.79	.76	.73	.78	.75	.73	.71														
8.0	.79	.74	.71	.78	.74	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.68														
9.0	.76	.71	.68	.75	.71	.67	.74	.70	.67	.74	.70	.67	.73	.69	.67	.66														
10.0	.73	.68	.65	.72	.68	.65	.72	.67	.65	.71	.67	.64	.70	.67	.64	.63														



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 65							TYPE: 3000K 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	.159	.091	.029	.153	.087	.028	.140	.080	.026	.129	.074	.024	.118	.068	.022		
2.0	.148	.081	.025	.143	.079	.024	.133	.074	.023	.123	.069	.022	.114	.065	.020		
3.0	.139	.074	.022	.135	.072	.022	.126	.068	.021	.118	.065	.020	.110	.061	.019		
4.0	.131	.068	.020	.127	.067	.020	.120	.064	.019	.113	.061	.018	.106	.058	.018		
5.0	.124	.063	.018	.121	.062	.018	.115	.060	.018	.109	.057	.017	.103	.055	.017		
6.0	.118	.059	.017	.115	.058	.017	.110	.056	.016	.104	.054	.016	.099	.052	.016		
7.0	.113	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	.096	.050	.015		
8.0	.108	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014	.093	.048	.014		
9.0	.103	.050	.014	.101	.049	.014	.097	.048	.014	.094	.047	.013	.090	.046	.013		
10.0	.099	.047	.013	.097	.047	.013	.094	.046	.013	.090	.045	.013	.087	.044	.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	.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	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.075	.059	.046	.044	.035	.027	.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	.047	.033	.038	.027	.019	.012	.009	.006	
7.0	.103	.069	.045	.089	.060	.039	.061	.042	.028	.036	.025	.017	.011	.008	.005	
8.0	.097	.062	.039	.083	.054	.034	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.091	.057	.034	.079	.049	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.087	.052	.029	.075	.045	.026	.052	.032	.018	.030	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-16-2025

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 65					TYPE: 3000K 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	-1.2	-0.5	-1.0	-0.3	-0.1	2.5	3.3	2.7	3.5	3.6
	3H	-0.9	-0.1	-0.6	0.1	0.2	2.4	3.2	2.7	3.4	3.6
	4H	-0.4	0.3	-0.1	0.5	0.7	2.4	3.1	2.7	3.3	3.5
	6H	0.4	1.1	0.7	1.3	1.5	2.4	3.1	2.7	3.3	3.6
	8H	1.0	1.6	1.3	1.9	2.1	2.4	3.1	2.7	3.3	3.6
	12H	1.8	2.4	2.1	2.7	3.0	2.5	3.1	2.8	3.4	3.6
4H	2H	-1.3	-0.7	-1.1	-0.4	-0.2	2.3	3.0	2.6	3.2	3.4
	3H	-0.9	-0.3	-0.6	-0.1	0.2	2.4	3.0	2.7	3.3	3.5
	4H	-0.4	0.2	-0.1	0.5	0.8	2.5	3.0	2.8	3.3	3.6
	6H	0.6	1.1	1.0	1.5	1.8	2.7	3.1	3.0	3.5	3.8
	8H	1.4	1.9	1.8	2.2	2.6	2.8	3.2	3.1	3.6	3.9
	12H	2.5	3.0	2.9	3.3	3.7	2.9	3.3	3.3	3.7	4.1
8H	4H	-0.2	0.2	0.2	0.6	0.9	2.5	3.0	2.9	3.3	3.7
	6H	0.8	1.2	1.3	1.6	2.0	3.0	3.3	3.4	3.7	4.1
	8H	1.7	2.0	2.1	2.5	2.9	3.3	3.6	3.8	4.1	4.5
	12H	3.0	3.3	3.5	3.8	4.2	3.7	4.0	4.2	4.5	4.9
12H	4H	-0.1	0.3	0.3	0.7	1.1	2.5	2.9	2.9	3.3	3.6
	6H	1.0	1.3	1.5	1.8	2.2	3.0	3.3	3.4	3.8	4.2
	8H	1.9	2.2	2.4	2.6	3.1	3.5	3.8	4.0	4.2	4.7
Variations with the observer position at spacings:											
S = 1.0H		+ 1.1 / - 0.9					+ 1.8 / - 2.1				
1.5H		+ 2.5 / - 1.1					+ 3.8 / - 2.3				
2.0H		+ 0.9 / - 0.5					+ 1.5 / - 0.7				

CIE Pub.117 Corrected 830.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.6)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-16-2025

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 65	TYPE: 3000K 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	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	88
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	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		

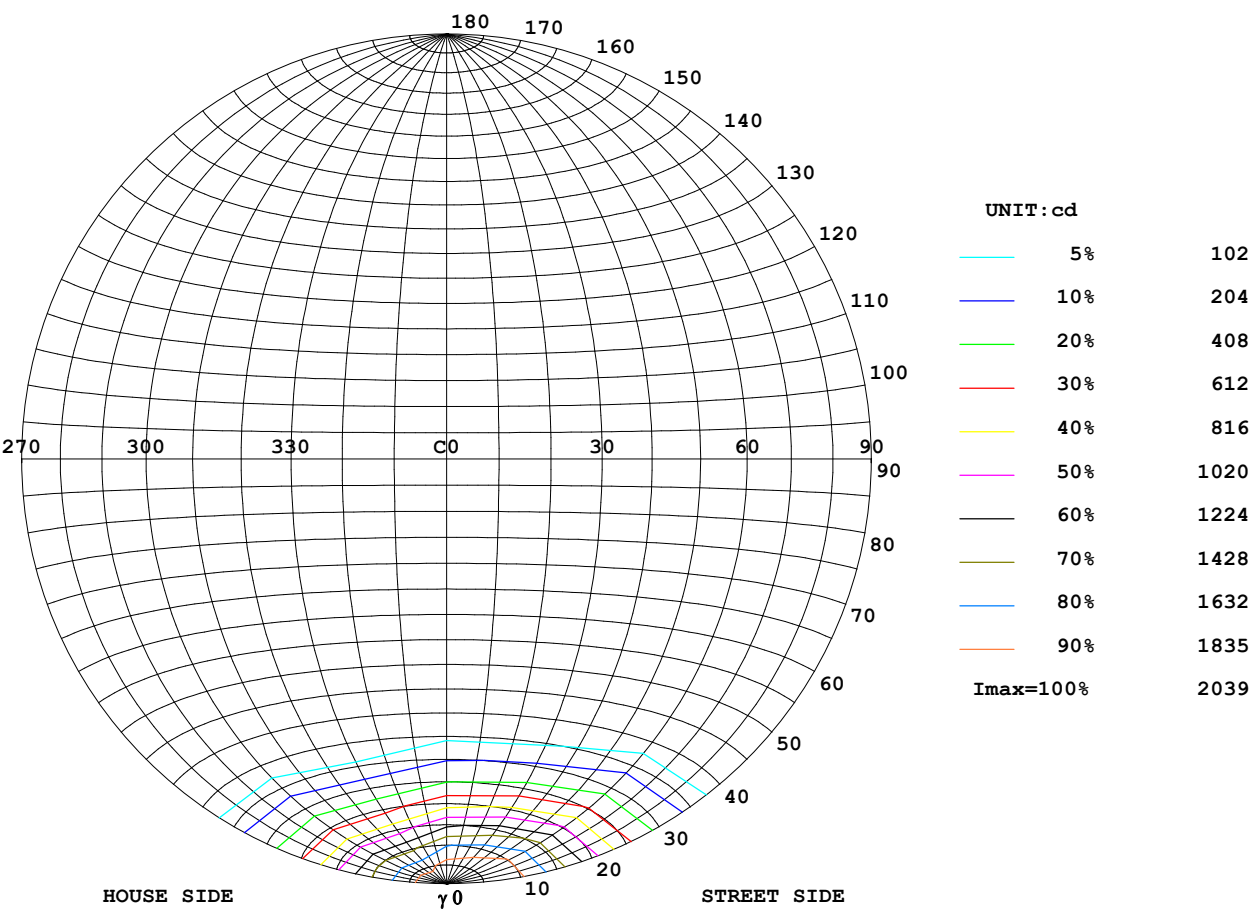
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-16-2025

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 65	TYPE: 3000K 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:07-16-2025

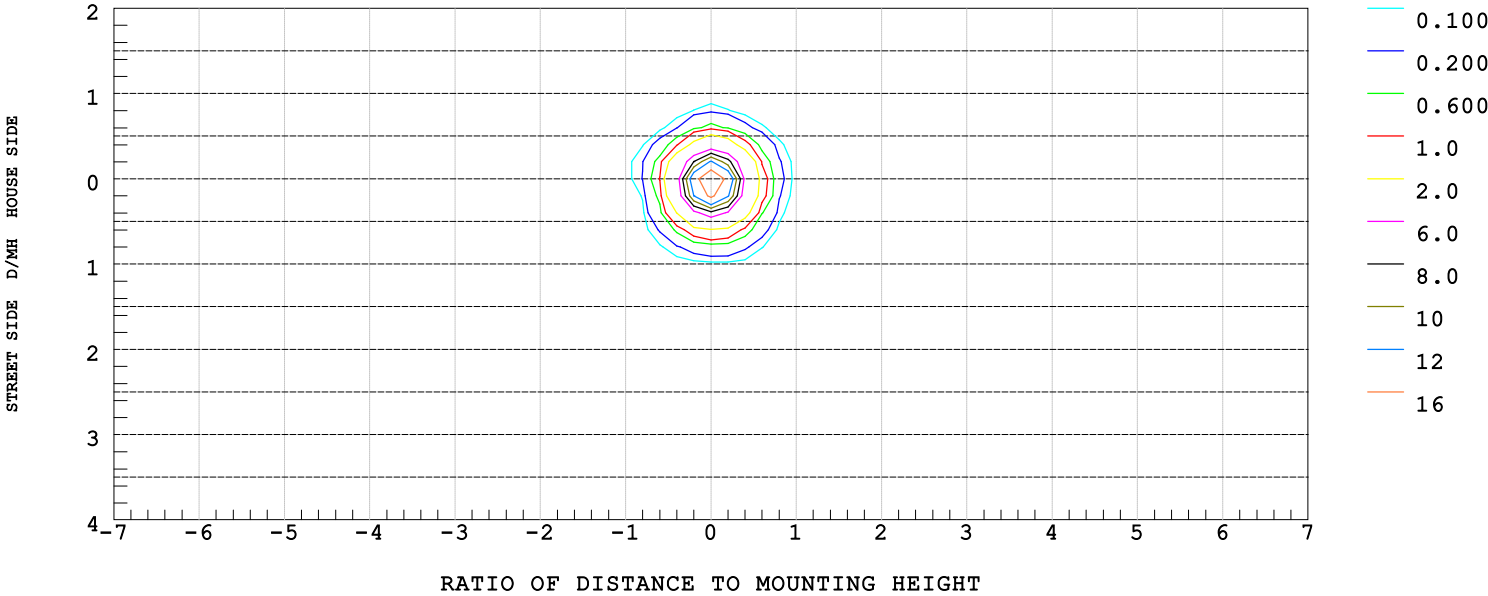
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 65	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 20.11 lx



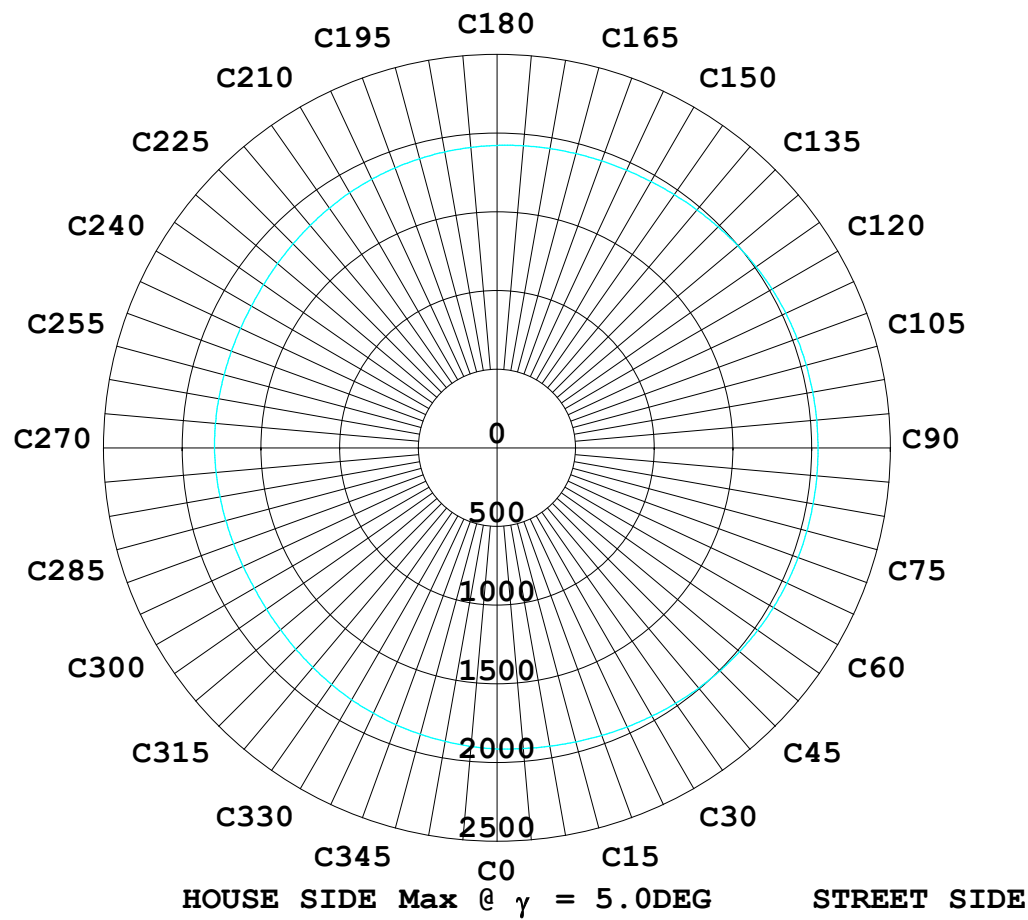
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-16-2025

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 65	TYPE: 3000K 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:07-16-2025

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 65	TYPE: 3000K 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	2011	2013	2009	2009	1997	1997	2011	2013	2009	2009	1997	1997
5.0	1914	1968	2028	2039	2018	1955	1923	1873	1803	1796	1782	1849
10.0	1615	1722	1845	1870	1852	1733	1657	1565	1434	1421	1391	1520
15.0	1172	1316	1493	1534	1518	1361	1266	1139	990	955	926	1058
20.0	730	855	1040	1098	1090	930	824	732	596	571	544	643
25.0	403	477	624	659	682	550	486	433	330	308	267	352
30.0	191	221	324	347	373	329	248	206	144	139	116	163
35.0	82.3	91.5	149	155	181	130	109	94.0	53.9	56.9	41.6	67.1
40.0	34.2	32.1	60.4	57.6	76.9	49.7	42.8	40.4	18.4	24.1	12.9	28.3
45.0	11.7	7.51	24.0	18.7	31.4	15.8	13.6	15.0	2.23	9.03	1.22	9.75
50.0	8.38	1.51	9.10	2.16	10.5	1.44	2.52	8.16	1.15	7.08	0.94	7.36
55.0	6.86	1.15	7.22	1.08	7.51	1.08	2.31	6.64	0.94	5.85	0.79	5.99
60.0	5.85	1.08	5.92	0.94	6.06	0.94	2.23	5.56	0.87	5.05	0.79	5.12
65.0	5.12	1.08	5.05	0.87	5.27	0.87	2.23	4.84	0.79	4.47	0.79	4.47
70.0	4.62	1.15	4.55	0.94	4.62	0.87	2.38	4.26	0.87	3.97	0.87	3.97
75.0	4.19	1.22	4.04	0.94	4.11	1.01	2.31	3.82	0.94	3.61	0.87	3.68
80.0	3.90	1.30	3.68	1.08	3.75	1.01	2.52	3.54	1.01	3.32	0.94	3.32
85.0	3.68	1.37	3.46	1.15	3.46	1.15	2.60	3.25	1.01	3.03	0.94	3.03
90.0	3.46	1.87	3.17	1.51	3.10	1.51	3.54	2.89	1.37	2.67	1.22	2.67

Test System:HOPOO HPG1800
Temperature:25.3DEG
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