

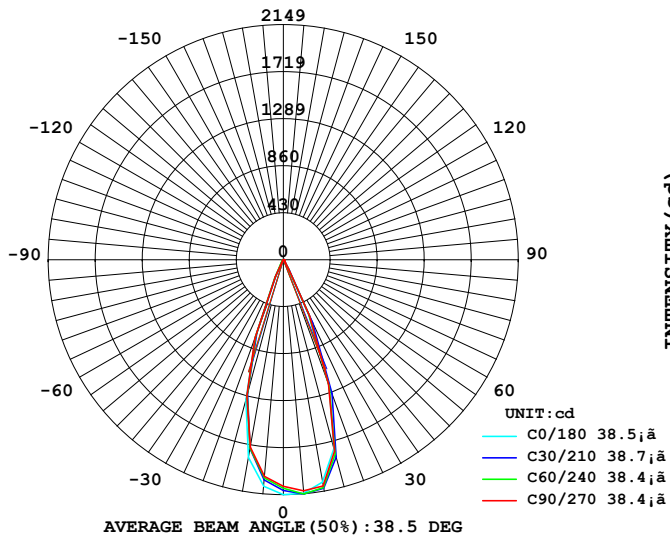
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

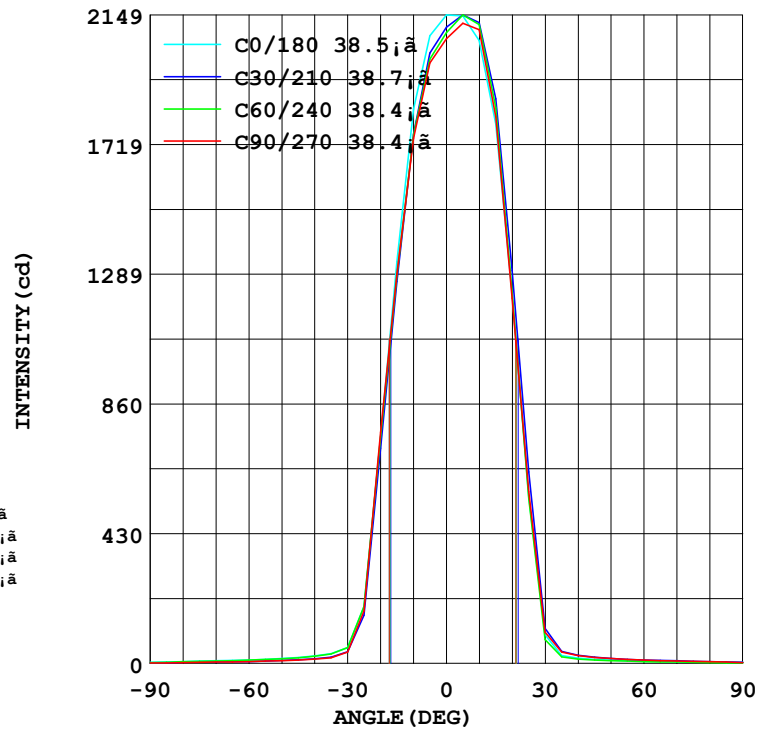
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: Flexion 65 PINSPOT	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2149	S/MH (C0/180)	0.54
MODEL	Flexion 65 PINSPOT	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.54
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	863.12	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	87.2	Current (A)	0.050
NOMINAL FLUX (lm)	863.1	η up (%)	0.0	Power (W)	9.900
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.949
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	781.8	EEI	0.157

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators: SUNIL KUMAR
 Test Date: 09-11-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 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 PINSPOT	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72MM	SERIAL No.:

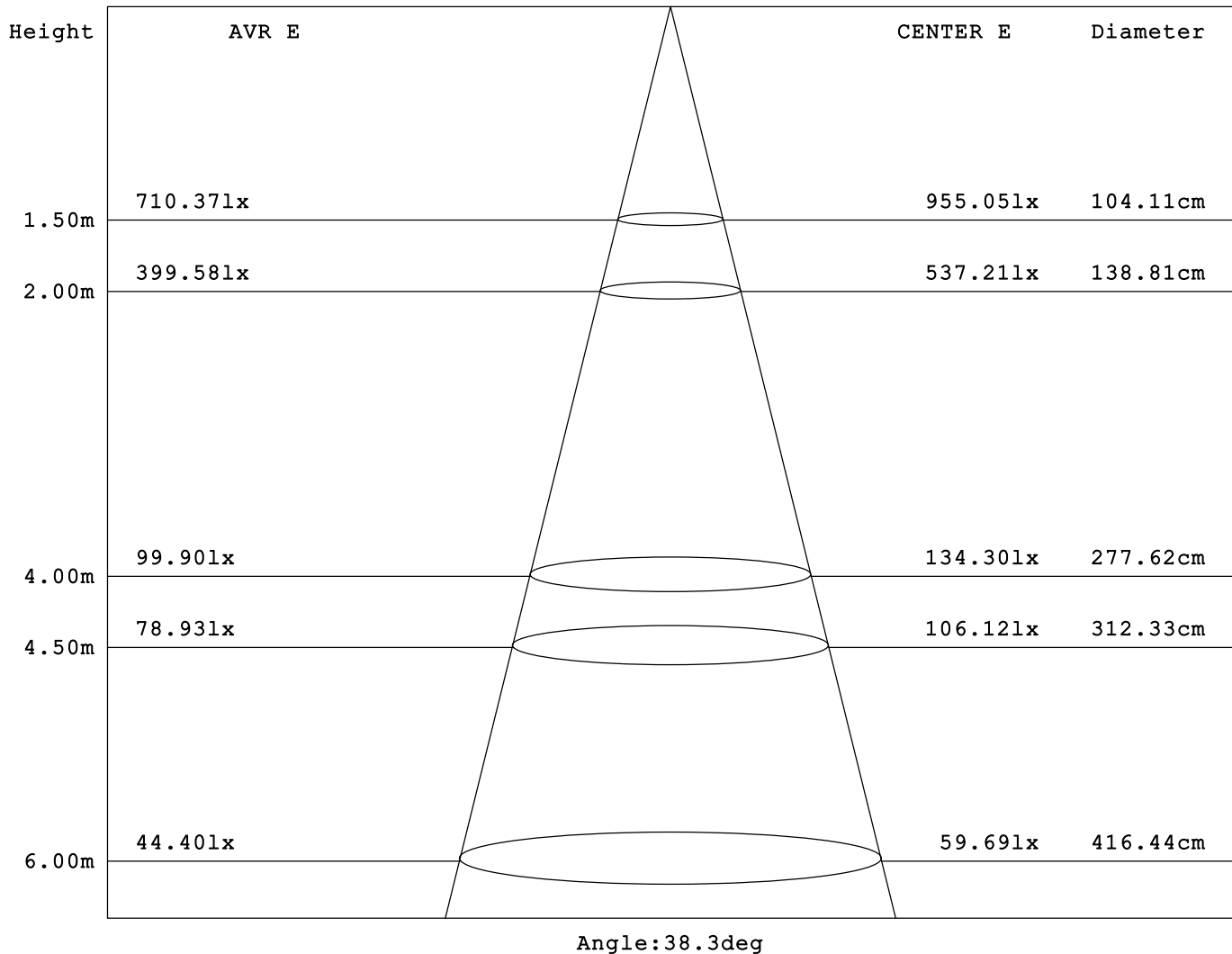
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:SUNIL KUMAR
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 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 PINSPOT	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1837	1752	1741	1838	2064	2120	2100	1968	0- 10	192.6	192.6
20.0	749.5	731.9	765.5	936.1	1226	1266	1210	969.7	10- 20	414.2	606.9
30.0	52.43	45.80	37.72	62.45	95.39	97.42	102.9	58.48	20- 30	195.3	802.2
40.0	24.45	19.44	14.07	18.86	17.05	20.62	25.81	19.26	30- 40	22.12	824.3
50.0	16.42	12.90	9.205	11.91	10.64	12.86	16.15	12.58	40- 50	12.27	836.6
60.0	11.01	8.438	5.866	7.987	7.400	8.618	10.92	8.483	50- 60	9.461	846.0
70.0	8.573	6.678	4.783	6.227	6.227	6.543	8.212	6.362	60- 70	7.409	853.5
80.0	6.046	4.512	2.888	4.106	4.783	4.512	5.956	4.467	70- 80	5.949	859.4
90.0	3.429	2.346	1.444	2.211	3.790	2.436	3.158	2.211	80- 90	3.671	863.1
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:SUNIL KUMAR
Test Date:09-11-2025

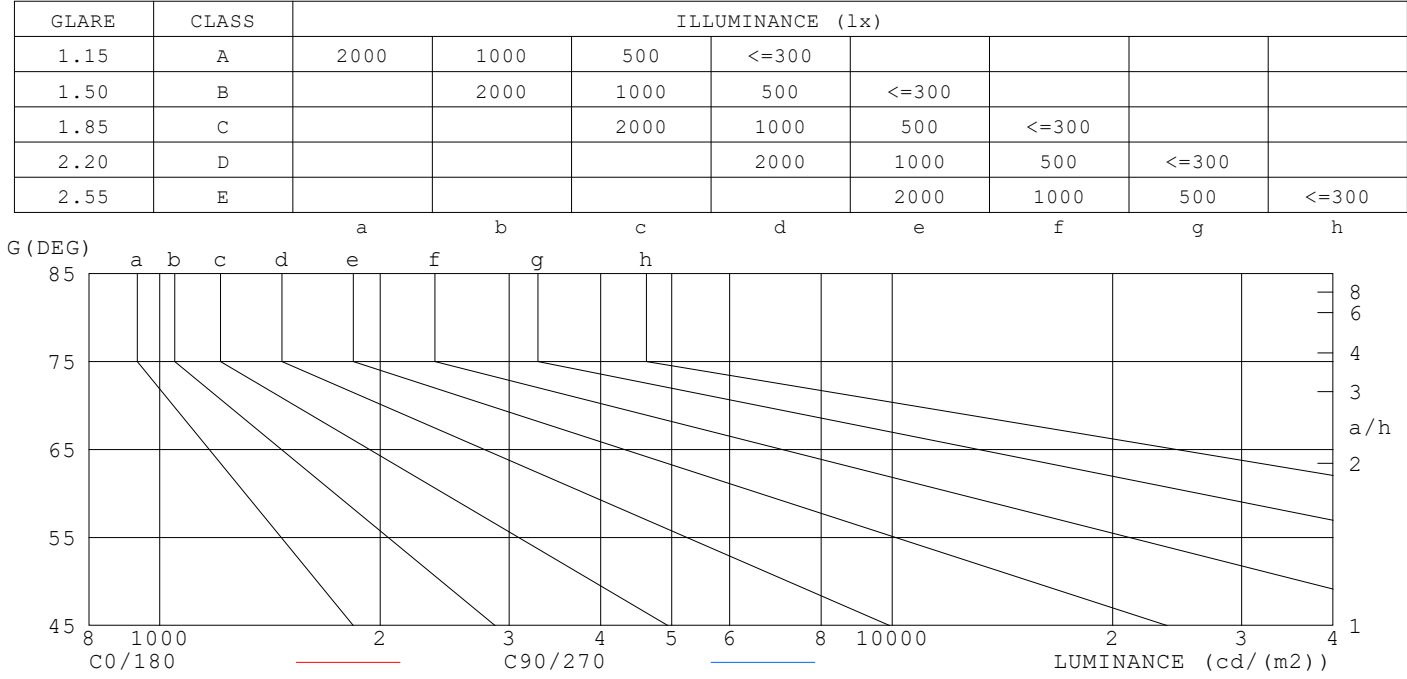
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

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

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	497	186
80	348	166
75	289	157
70	251	140
65	228	124
60	220	117
55	239	131
50	256	143
45	281	157

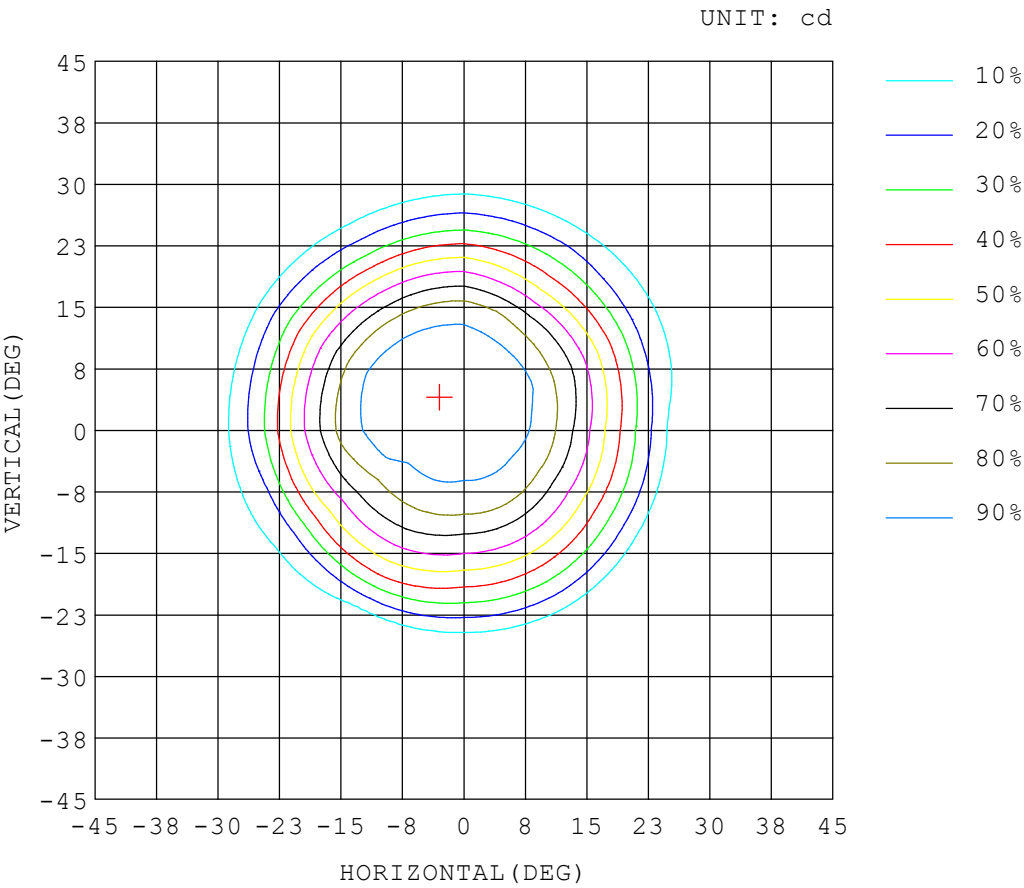
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

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



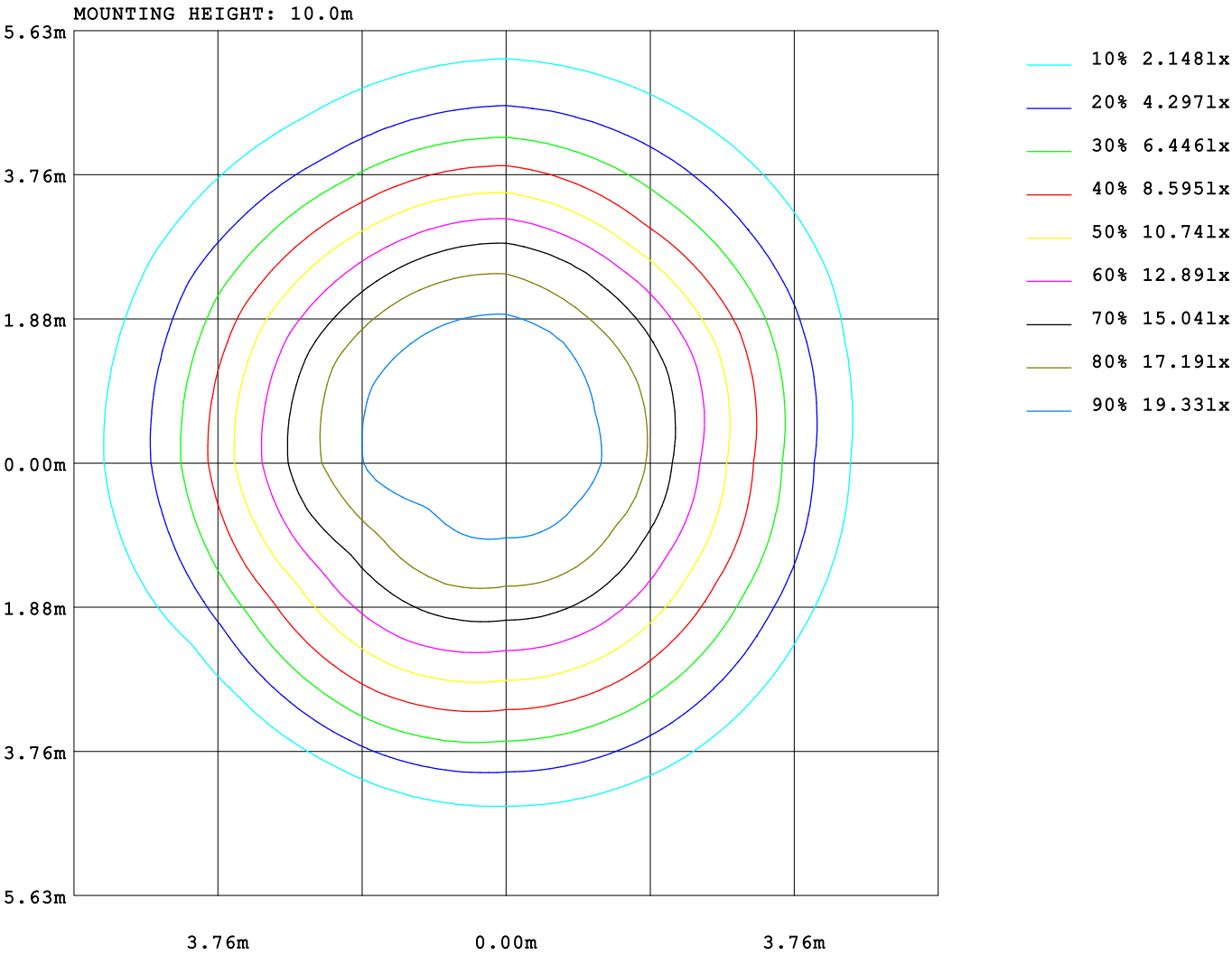
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

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



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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 PINSPOT										TYPE: 5700K CRI 90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-72 CUTOUT-65 H-72MM					SERIAL No.:				

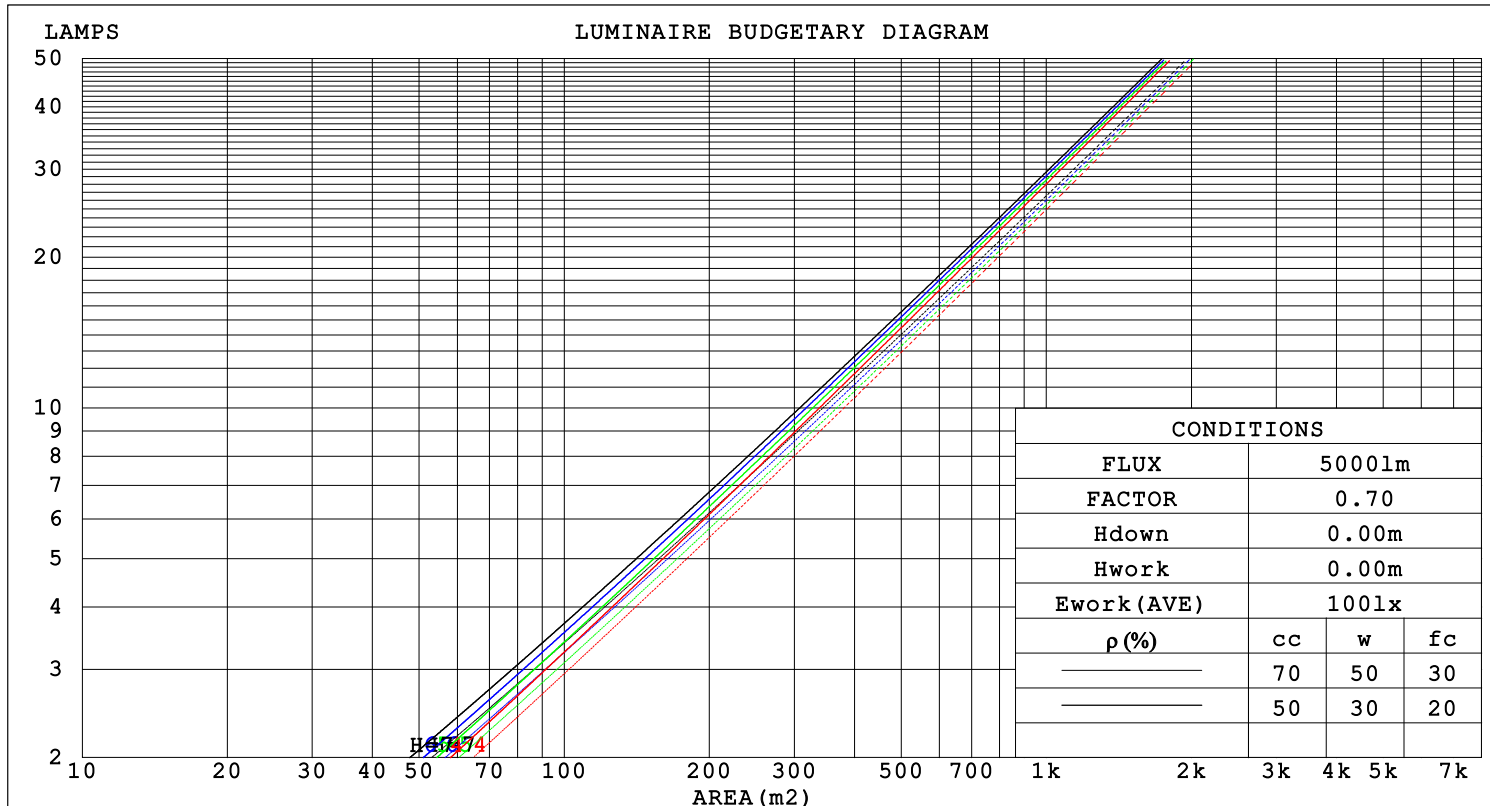
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.06	0.07	0.08	0.08	0.08	0.09	0.12	0.14	0.16	0.16	0.14	0.12	0.09	0.08	0.08	0.07	0.07	0.06	1.74	0.00			
45	0.08	0.08	0.09	0.10	0.10	0.11	0.15	0.19	0.23	0.22	0.19	0.15	0.11	0.10	0.09	0.09	0.08	0.07	2.22	0.00			
40	0.09	0.10	0.11	0.13	0.14	0.16	0.26	0.39	0.50	0.48	0.36	0.23	0.15	0.13	0.12	0.11	0.10	0.08	3.63	0.00			
35	0.09	0.12	0.15	0.18	0.25	0.43	0.96	1.81	2.42	2.36	1.66	0.78	0.30	0.20	0.16	0.13	0.11	0.09	12.2	7.28			
30	0.10	0.13	0.19	0.29	0.63	1.92	3.77	5.54	6.59	6.36	5.02	3.23	1.41	0.40	0.22	0.17	0.13	0.10	36.2	32.9			
25	0.10	0.14	0.23	0.55	2.05	4.82	7.79	10.1	11.3	10.8	8.84	6.23	3.42	1.23	0.34	0.20	0.14	0.11	68.5	65.7			
20	0.10	0.15	0.30	1.08	4.03	7.96	11.4	13.8	14.8	14.3	12.4	9.32	5.66	2.27	0.58	0.24	0.16	0.12	98.8	96.3			
15	0.10	0.15	0.37	1.77	5.49	10.0	13.7	15.6	16.1	15.7	14.3	11.4	7.28	3.11	0.84	0.27	0.17	0.12	117	114			
10	0.09	0.14	0.40	2.16	6.21	10.9	14.3	15.9	16.2	15.7	14.7	11.9	7.73	3.41	0.88	0.28	0.17	0.12	122	119			
5	0.08	0.13	0.37	1.96	5.74	10.2	13.4	15.0	15.5	15.4	14.2	11.3	7.27	3.12	0.77	0.26	0.16	0.12	115	113			
0	0.08	0.12	0.29	1.31	4.16	8.22	11.3	13.3	14.2	14.0	12.6	9.69	6.03	2.31	0.59	0.22	0.15	0.11	98.9	96.5			
-5	0.07	0.10	0.20	0.65	2.25	5.56	8.78	10.8	11.6	11.3	9.92	7.32	4.07	1.23	0.37	0.18	0.13	0.10	74.7	72.0			
-10	0.07	0.09	0.13	0.30	0.99	2.55	5.30	7.28	7.91	7.61	6.44	4.32	1.82	0.61	0.22	0.14	0.10	0.08	45.9	42.6			
-15	0.06	0.08	0.10	0.18	0.39	0.91	1.66	2.84	3.54	3.41	2.59	1.46	0.69	0.29	0.17	0.11	0.09	0.07	18.6	13.0			
-20	0.05	0.07	0.10	0.14	0.22	0.36	0.55	0.73	0.81	0.80	0.67	0.47	0.30	0.20	0.14	0.10	0.07	0.06	5.84	0.00			
-25	0.05	0.06	0.09	0.12	0.16	0.21	0.25	0.26	0.24	0.23	0.24	0.23	0.21	0.16	0.12	0.09	0.07	0.05	2.85	0.00			
-30	0.04	0.06	0.08	0.11	0.14	0.16	0.16	0.15	0.14	0.14	0.15	0.16	0.16	0.14	0.11	0.09	0.07	0.05	2.11	0.00			
-35	0.04	0.06	0.07	0.10	0.12	0.13	0.12	0.12	0.10	0.10	0.12	0.12	0.13	0.12	0.10	0.08	0.06	0.05	1.73	0.00			
-40																							
-45																							
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45			
Φ t	1.34	1.84	3.32	11.2	33.1	64.8	94.3	114	122	119	105	78.5	46.8	19.1	5.91	2.81	2.03	1.58	863				
Φ a	0.00	0.00	0.00	6.29	29.7	61.6	91.3	112	120	117	102	75.6	43.5	14.7	0.00	0.00	0.00	0.00		782			

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

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	1.06	1.02	.99	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.94	.92	.91														
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.91	.89	.92	.90	.88	.87														
4.0	.96	.91	.88	.94	.90	.87	.92	.89	.86	.91	.88	.85	.89	.86	.84	.83														
5.0	.91	.87	.83	.90	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.80														
6.0	.88	.83	.79	.87	.82	.79	.85	.82	.79	.84	.81	.78	.83	.80	.78	.76														
7.0	.84	.79	.76	.83	.79	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.74														
8.0	.81	.76	.73	.80	.76	.73	.79	.75	.72	.78	.75	.72	.78	.74	.72	.71														
9.0	.78	.73	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68														
10.0	.75	.71	.68	.75	.70	.68	.74	.70	.67	.73	.70	.67	.73	.69	.67	.66														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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 PINSPOT								TYPE: 5700K CRI 90				WEIGHT:		
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-72 CUTOUT-65 H-72MM				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	.086	.027	.139	.080	.025	.128	.074	.024	.117	.068	.022	
2.0	.146	.080	.025	.141	.077	.024	.130	.072	.022	.121	.068	.021	.112	.063	.020	
3.0	.136	.072	.022	.131	.070	.021	.123	.066	.020	.115	.063	.019	.107	.059	.018	
4.0	.127	.066	.019	.123	.065	.019	.116	.062	.018	.109	.059	.018	.103	.056	.017	
5.0	.120	.061	.018	.117	.060	.017	.110	.057	.017	.104	.055	.016	.099	.053	.016	
6.0	.113	.057	.016	.111	.056	.016	.105	.054	.016	.100	.052	.015	.095	.050	.015	
7.0	.108	.053	.015	.105	.052	.015	.100	.051	.015	.096	.049	.014	.092	.048	.014	
8.0	.103	.050	.014	.101	.050	.014	.096	.048	.014	.092	.047	.013	.089	.045	.013	
9.0	.098	.048	.013	.096	.047	.013	.093	.046	.013	.089	.045	.013	.086	.043	.013	
10.0	.094	.045	.013	.092	.045	.012	.089	.044	.012	.086	.043	.012	.083	.042	.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	.116	.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	.127	.098	.076	.109	.085	.066	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.117	.086	.064	.100	.075	.055	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.006	
7.0	.101	.068	.046	.087	.059	.040	.060	.042	.028	.035	.025	.017	.011	.008	.006	
8.0	.095	.062	.039	.082	.054	.034	.056	.038	.024	.033	.022	.014	.011	.007	.005	
9.0	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.085	.052	.030	.073	.045	.026	.051	.032	.019	.029	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:SUNIL KUMAR
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 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 PINSPOT					TYPE: 5700K CRI 90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-72 CUTOUT-65 H-72MM			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	-1.9	-1.2	-1.7	-1.0	-0.9	-1.9	-1.2	-1.7	-1.0	-0.9
	3H	0.2	0.9	0.5	1.1	1.3	-0.3	0.4	-0.1	0.6	0.8
	4H	1.5	2.2	1.8	2.4	2.6	0.6	1.2	0.8	1.4	1.6
	6H	2.8	3.4	3.1	3.7	3.9	1.3	1.9	1.5	2.1	2.4
	8H	3.3	3.9	3.6	4.1	4.4	1.4	2.0	1.7	2.3	2.5
	12H	3.9	4.5	4.2	4.7	5.0	1.6	2.2	1.9	2.5	2.7
4H	2H	-1.3	-0.6	-1.0	-0.4	-0.2	-1.2	-0.6	-1.0	-0.3	-0.1
	3H	0.9	1.5	1.2	1.8	2.0	1.0	1.6	1.3	1.8	2.1
	4H	2.3	2.8	2.6	3.1	3.4	2.2	2.7	2.5	3.0	3.3
	6H	3.7	4.1	4.0	4.5	4.8	3.1	3.5	3.4	3.9	4.2
	8H	4.2	4.7	4.6	5.0	5.4	3.3	3.7	3.7	4.1	4.5
	12H	4.9	5.3	5.3	5.7	6.1	3.6	4.0	4.0	4.3	4.7
8H	4H	2.8	3.2	3.1	3.6	3.9	2.7	3.1	3.1	3.5	3.9
	6H	4.1	4.5	4.5	4.9	5.3	4.0	4.3	4.4	4.7	5.1
	8H	4.7	5.0	5.2	5.5	5.9	4.4	4.7	4.9	5.2	5.6
	12H	5.5	5.8	6.0	6.3	6.7	4.9	5.2	5.3	5.6	6.1
12H	4H	2.9	3.3	3.3	3.6	4.0	2.7	3.1	3.1	3.5	3.9
	6H	4.2	4.6	4.7	5.0	5.4	4.0	4.4	4.5	4.8	5.2
	8H	4.9	5.1	5.3	5.6	6.1	4.6	4.9	5.1	5.4	5.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H		+ 0.6 / - 0.5					+ 0.4 / - 0.6				

CIE Pub.117 Corrected 863.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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 PINSPOT	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72MM	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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

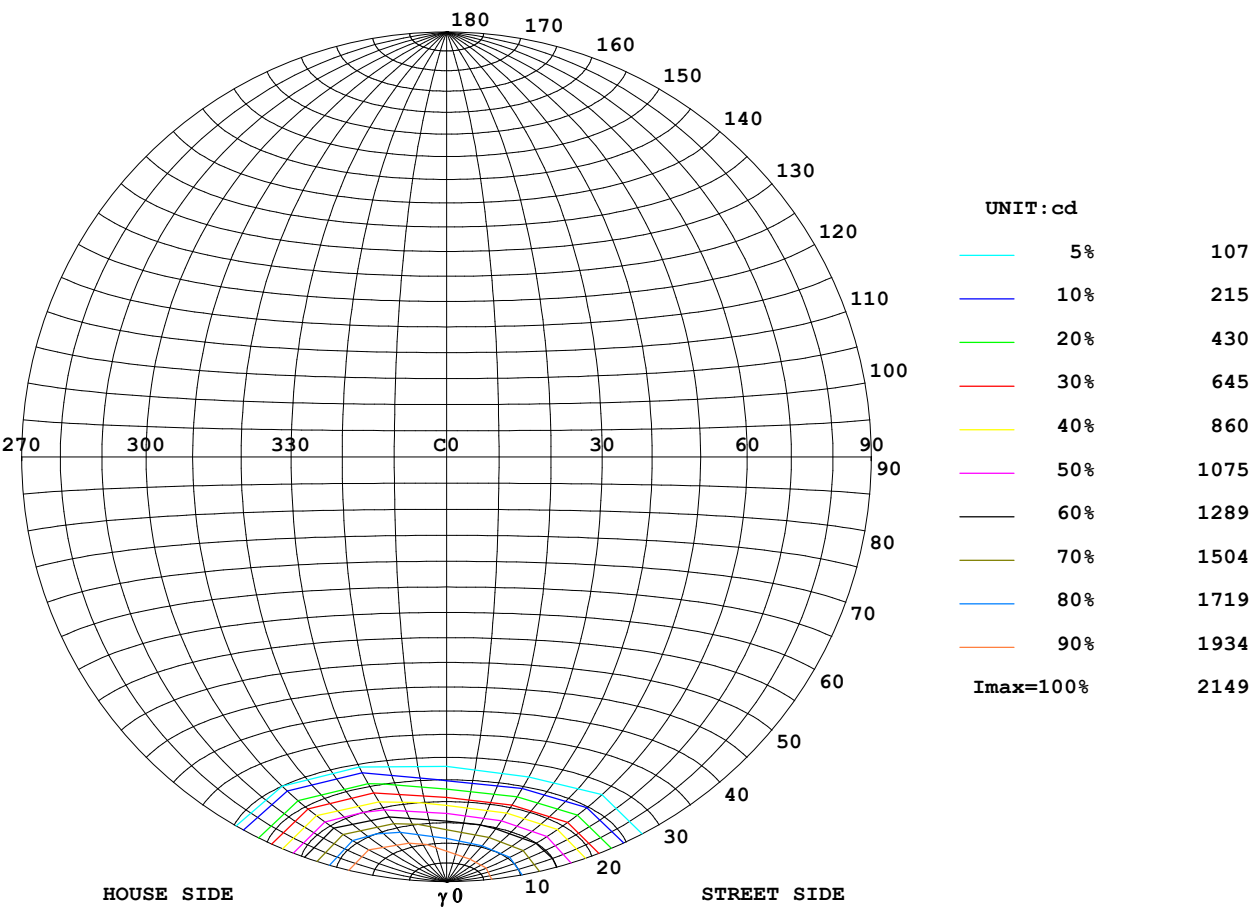
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators: SUNIL KUMAR
 Test Date: 09-11-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

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



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

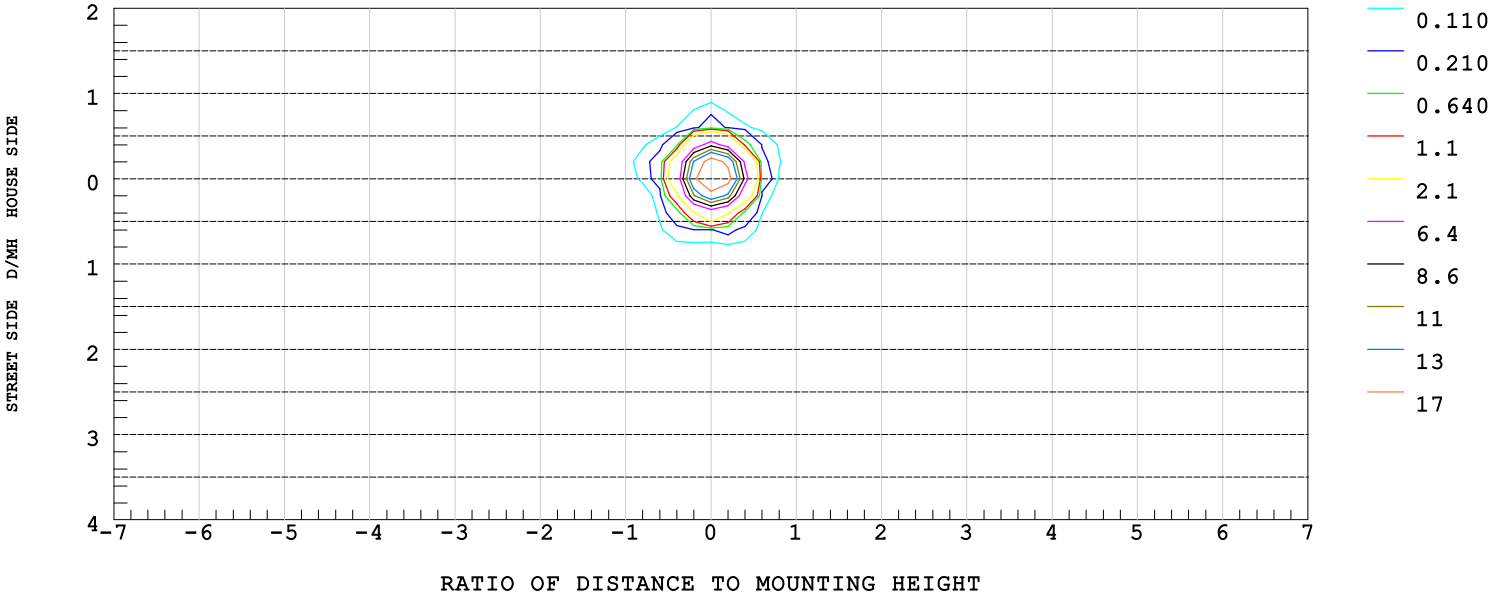
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 21.49 lx



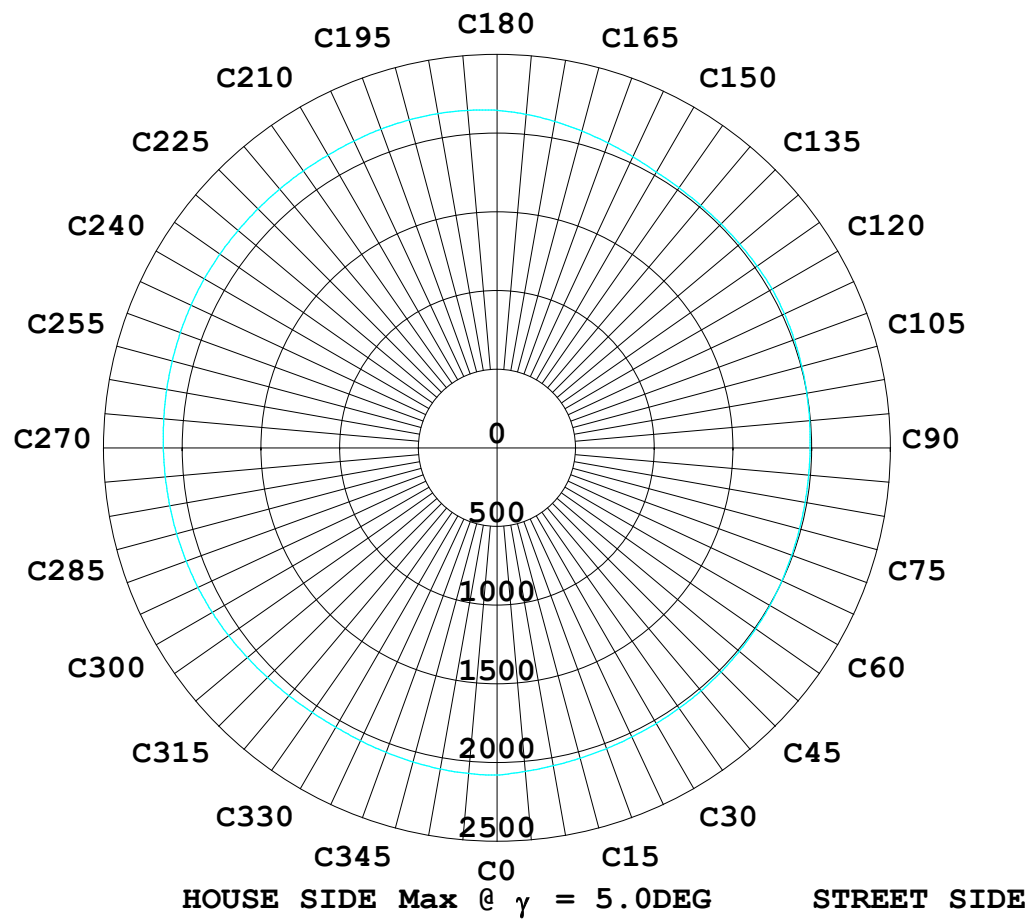
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

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



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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 PINSPOT	TYPE: 5700K CRI 90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-72 CUTOUT-65 H-72MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2149	2108	2090	2070	2075	2074	2149	2108	2090	2070	2075	2074
5.0	2079	2022	2002	1989	2019	2025	2145	2149	2149	2121	2091	2049
10.0	1837	1754	1751	1741	1809	1867	2064	2123	2117	2100	2008	1928
15.0	1332	1266	1286	1291	1418	1501	1787	1870	1841	1812	1636	1527
20.0	750	713	751	766	902	971	1226	1302	1230	1210	1004	936
25.0	189	160	188	174	202	305	552	634	547	568	484	348
30.0	52.4	38.7	52.8	37.7	65.7	59.2	95.3	116	78.5	103	52.7	64.2
35.0	32.4	20.8	31.5	18.9	32.3	20.7	26.4	39.8	21.9	37.4	20.3	33.0
40.0	24.4	15.1	23.7	14.0	23.6	14.0	17.0	26.7	14.5	25.8	14.2	24.2
45.0	19.8	12.0	19.0	11.1	18.6	10.7	13.1	20.5	11.2	19.8	11.2	19.3
50.0	16.4	10.0	15.7	9.20	15.2	8.57	10.6	16.5	9.20	16.1	9.20	15.9
55.0	13.7	8.03	13.0	7.49	12.6	6.94	8.93	13.7	7.49	13.2	7.58	13.3
60.0	11.0	6.22	10.6	5.86	10.3	5.59	7.40	11.1	6.04	10.9	6.04	10.9
65.0	9.65	5.59	9.29	5.23	9.11	4.96	6.67	9.56	5.14	9.29	4.96	9.02
70.0	8.57	5.05	8.30	4.78	8.03	4.42	6.22	8.48	4.60	8.21	4.60	8.12
75.0	7.49	4.24	7.12	4.06	6.85	3.61	5.41	7.22	3.88	7.12	3.88	7.03
80.0	6.04	3.24	5.77	2.88	5.50	2.70	4.78	5.95	3.06	5.95	3.15	5.77
85.0	4.33	1.80	3.97	1.62	3.97	1.53	3.61	4.60	1.98	4.42	1.98	4.42
90.0	3.42	1.62	3.06	1.44	3.06	1.35	3.79	3.33	1.53	3.15	1.44	2.97

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:SUNIL KUMAR
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K