

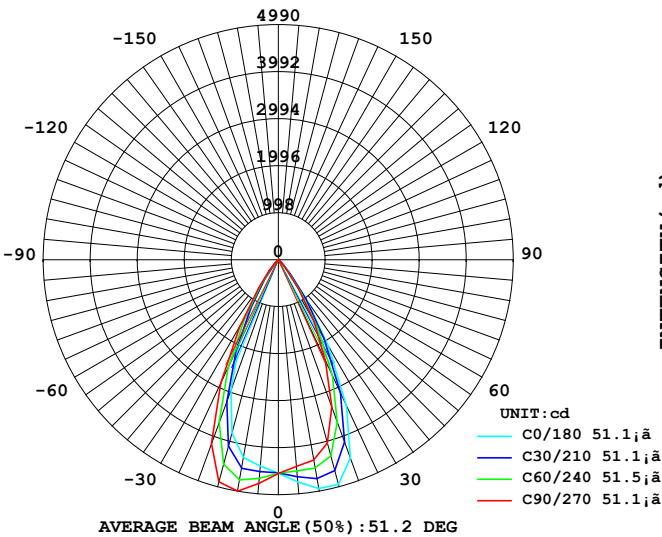
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

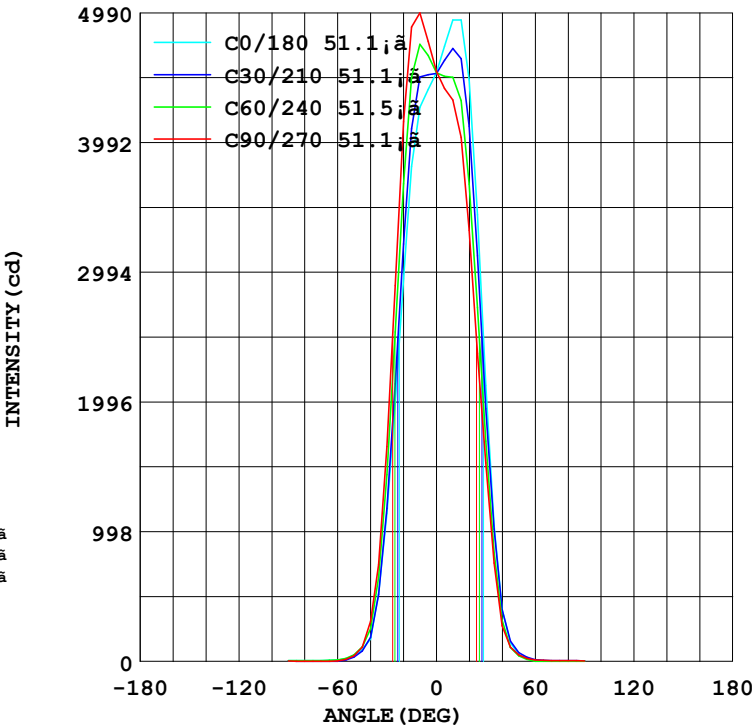
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	5139	S/MH (C0/180)	0.73
MODEL	FLEXION 150	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.81
NOMINAL POWER (W)	38	TOTAL FLUX (lm)	3513.6	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	92.2	Current (A)	0.174
NOMINAL FLUX (lm)	3513.7	η up (%)	0.0	Power (W)	38.11
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	3316.0	EEI	0.157

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

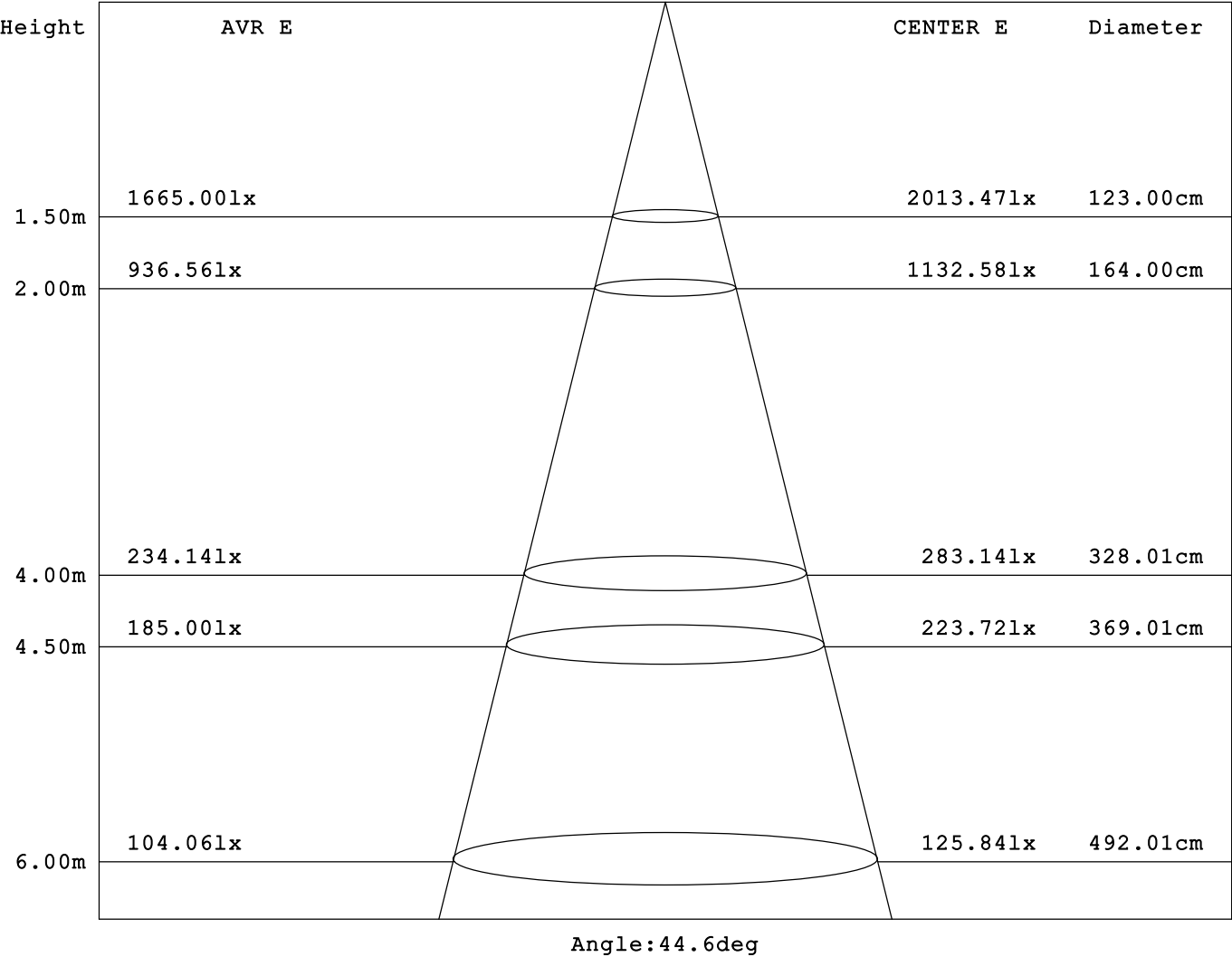
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	4262	4622	4990	5110	4935	4605	4320	4142	0- 10	438.0	438.0
20.0	2944	3442	4152	4542	4474	3895	3317	2927	10- 20	1204	1642
30.0	1139	1306	1653	1956	2123	1818	1526	1243	20- 30	1207	2849
40.0	174.3	220.0	310.0	365.7	401.9	356.7	274.4	211.6	30- 40	521.3	3370
50.0	45.82	41.59	41.85	60.41	54.08	54.59	49.85	40.09	40- 50	108.0	3478
60.0	10.11	6.176	2.496	8.384	4.864	7.424	10.17	6.080	50- 60	21.93	3500
70.0	7.296	4.576	1.664	4.640	2.688	4.352	6.848	4.480	60- 70	5.398	3505
80.0	5.888	3.936	1.920	3.936	2.880	3.584	5.376	3.328	70- 80	4.336	3510
90.0	5.440	4.192	2.816	3.968	4.416	3.232	4.288	3.104	80- 90	4.095	3514
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:09-23-2025

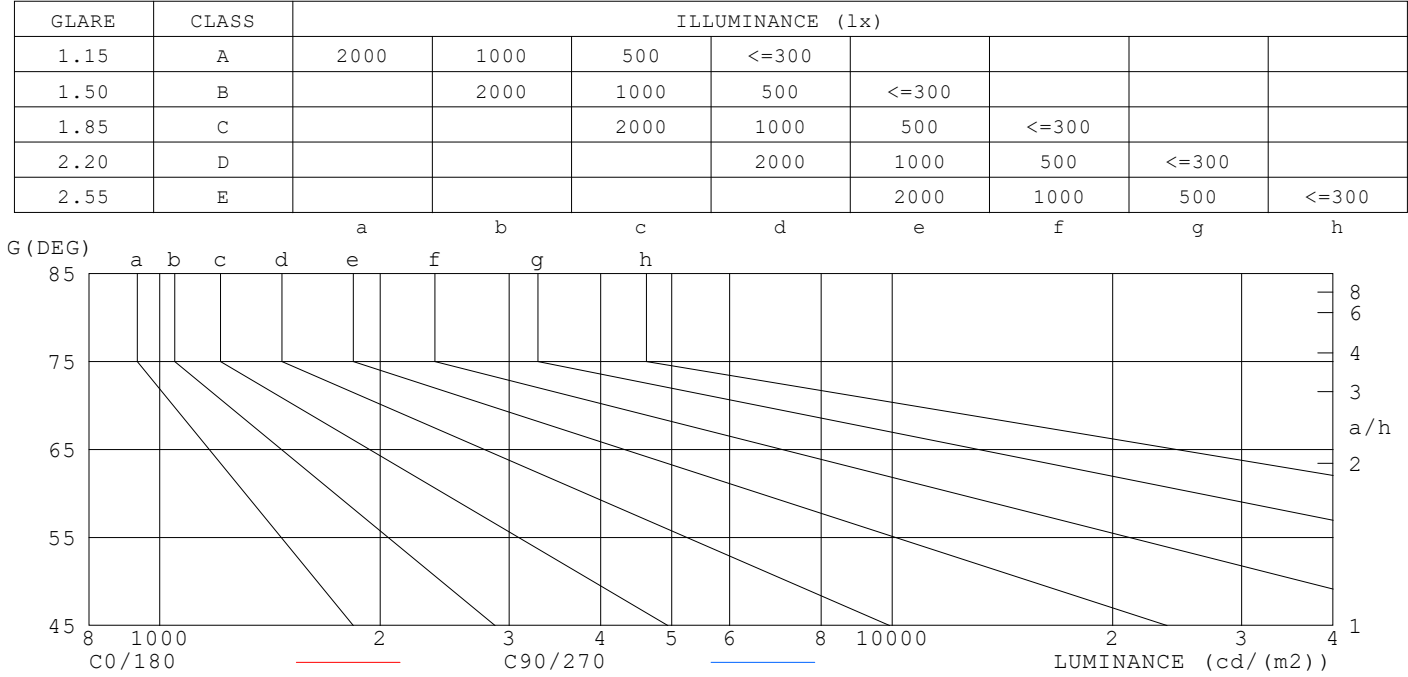
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	646	250
80	339	111
75	245	67
70	213	49
65	198	39
60	202	50
55	382	281
50	713	651
45	1317	1559

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

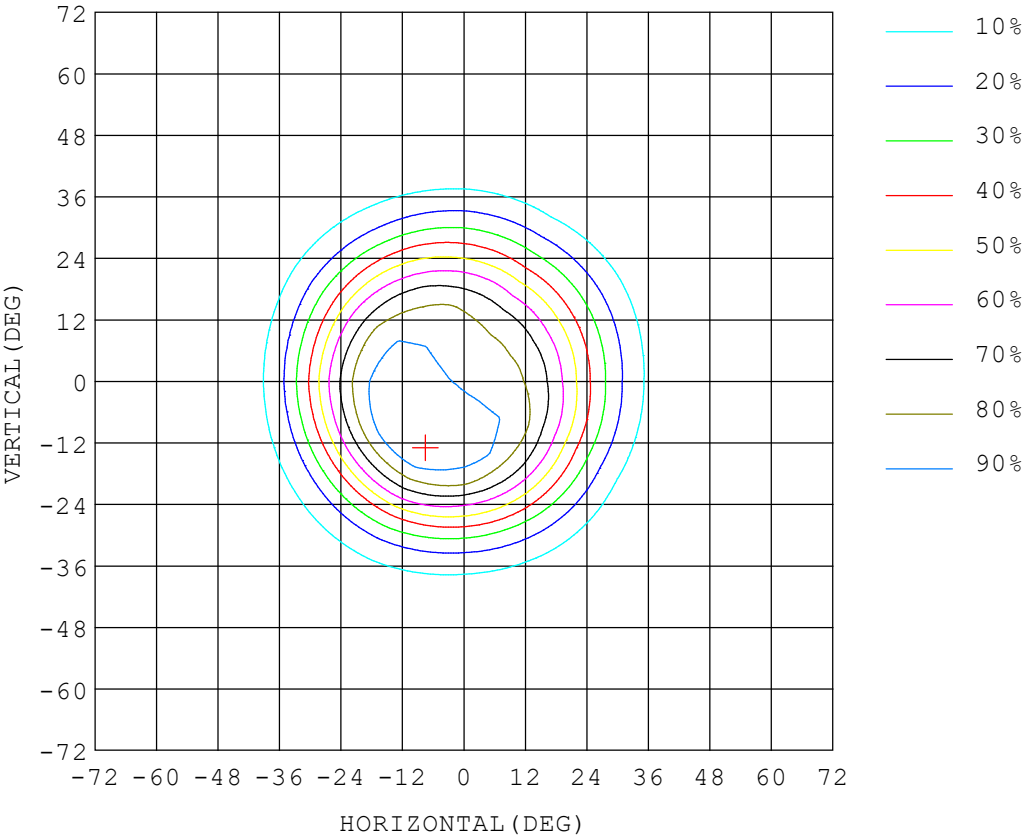
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

UNIT: cd



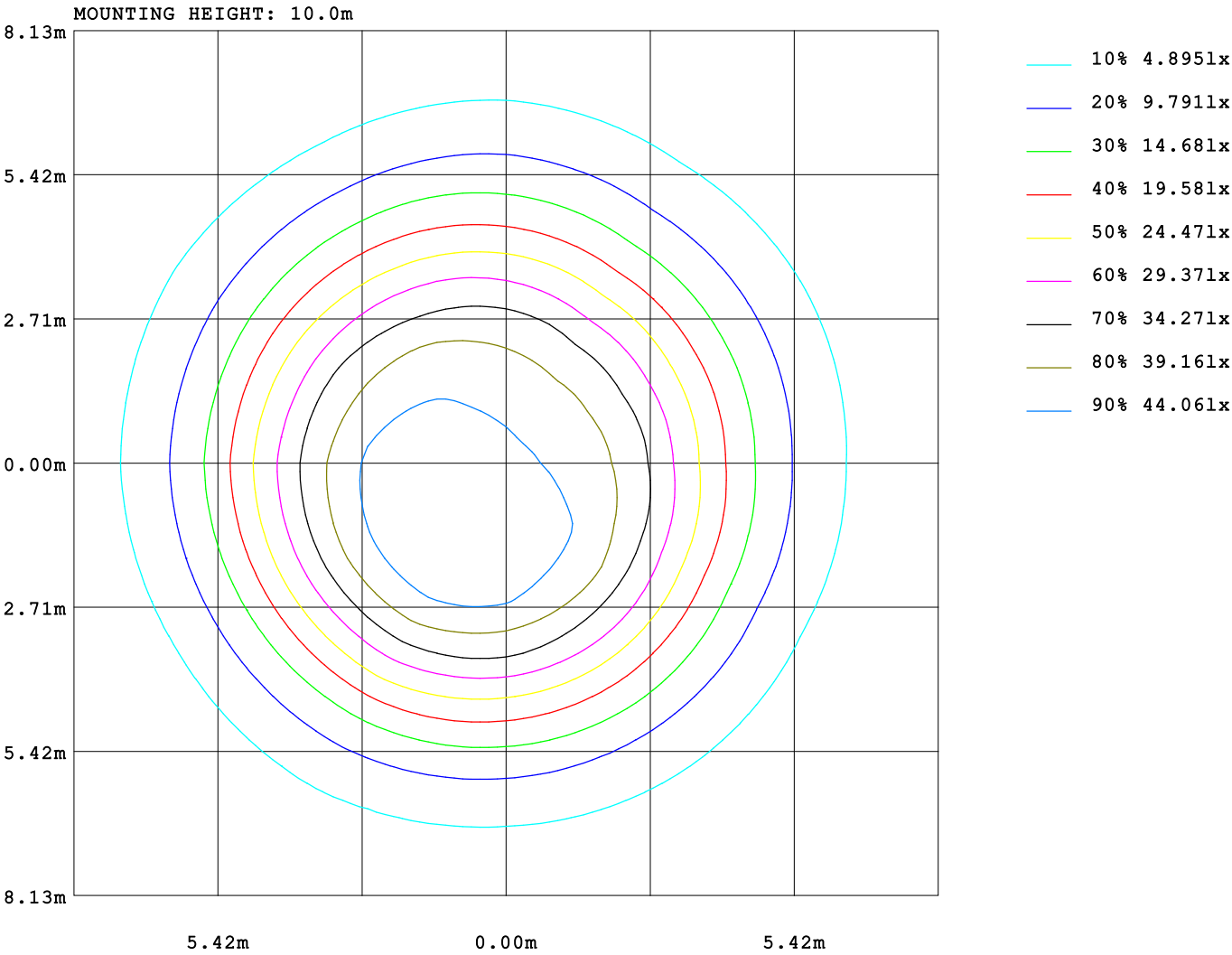
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: FLEXION 150										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 1050 MA										DIMENSION: D-162 CUTOUT-150 H-154 MM					SERIAL No.:				

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.05	0.06	0.06	0.05	0.03	0.06	0.09	0.13	0.13	0.09	0.06	0.03	0.05	0.06	0.06	0.05	0.04	1.11	0.00		
64	0.03	0.06	0.07	0.07	0.06	0.04	0.08	0.15	0.22	0.21	0.14	0.07	0.04	0.06	0.07	0.07	0.06	0.04	1.55	0.00		
56	0.04	0.06	0.09	0.10	0.14	0.22	0.38	0.59	0.76	0.73	0.53	0.31	0.16	0.11	0.09	0.09	0.07	0.04	4.50	0.00		
48	0.03	0.06	0.11	0.22	0.47	0.86	1.46	2.38	2.94	2.75	1.96	1.10	0.63	0.34	0.17	0.11	0.07	0.05	15.7	0.00		
40	0.03	0.06	0.16	0.52	1.24	2.93	6.23	10.4	13.2	12.2	8.12	4.10	1.88	0.85	0.37	0.14	0.08	0.05	62.6	33.3		
32	0.03	0.07	0.27	0.96	3.11	9.19	20.0	31.0	36.4	33.6	24.4	13.5	5.51	1.88	0.67	0.22	0.09	0.05	181	164		
24	0.03	0.07	0.39	1.59	6.68	20.9	41.5	58.4	64.4	59.3	45.2	28.4	12.6	3.69	1.04	0.32	0.10	0.05	345	333		
VERTICAL (DEG)	0.03	0.08	0.49	2.40	11.1	33.9	63.0	80.3	83.2	77.5	64.2	42.5	20.4	5.92	1.42	0.40	0.11	0.06	487	477		
	0.02	0.09	0.55	2.95	14.5	43.4	76.2	90.5	88.9	83.8	74.6	51.7	25.0	7.49	1.60	0.45	0.12	0.06	562	552		
	0.02	0.08	0.53	2.90	14.4	44.0	78.9	95.2	94.5	89.2	78.9	53.5	25.1	7.34	1.55	0.43	0.11	0.05	587	577		
	0.02	0.06	0.44	2.28	10.7	34.8	68.9	92.2	97.5	91.2	74.4	46.2	20.1	5.51	1.30	0.35	0.09	0.05	547	536		
-24	0.02	0.04	0.32	1.42	6.19	20.8	46.0	70.3	79.4	73.4	55.1	31.1	12.0	3.22	0.88	0.24	0.07	0.04	401	389		
-32	0.02	0.03	0.19	0.79	2.85	9.18	21.6	35.3	42.2	39.0	28.0	14.6	5.44	1.63	0.49	0.14	0.05	0.04	202	186		
-40	0.02	0.02	0.08	0.40	1.21	3.25	7.15	11.5	13.8	12.7	9.00	4.88	2.10	0.78	0.23	0.06	0.04	0.03	67.4	38.4		
-48	0.02	0.02	0.03	0.16	0.52	1.15	2.06	2.90	3.27	3.03	2.35	1.52	0.81	0.34	0.09	0.03	0.03	0.03	18.3	0.00		
-56	0.02	0.02	0.03	0.07	0.18	0.42	0.64	0.73	0.71	0.66	0.60	0.48	0.30	0.13	0.06	0.03	0.03	0.03	5.10	0.00		
-64	0.02	0.02	0.03	0.06	0.10	0.16	0.18	0.17	0.13	0.12	0.14	0.15	0.14	0.10	0.06	0.03	0.02	0.02	1.63	0.00		
-72	0.02	0.02	0.03	0.06	0.09	0.12	0.11	0.08	0.05	0.05	0.08	0.11	0.12	0.09	0.06	0.03	0.02	0.02	1.15	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.44	0.91	3.88	17.0	73.9	226	435	583	622	580	468	295	133	39.5	10.2	3.19	1.21	0.76	3514			
Φ a	0.00	0.00	0.00	0.00	50.5	209	421	569	610	567	454	279	114	11.7	0.00	0.00	0.00	0.00		3316		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

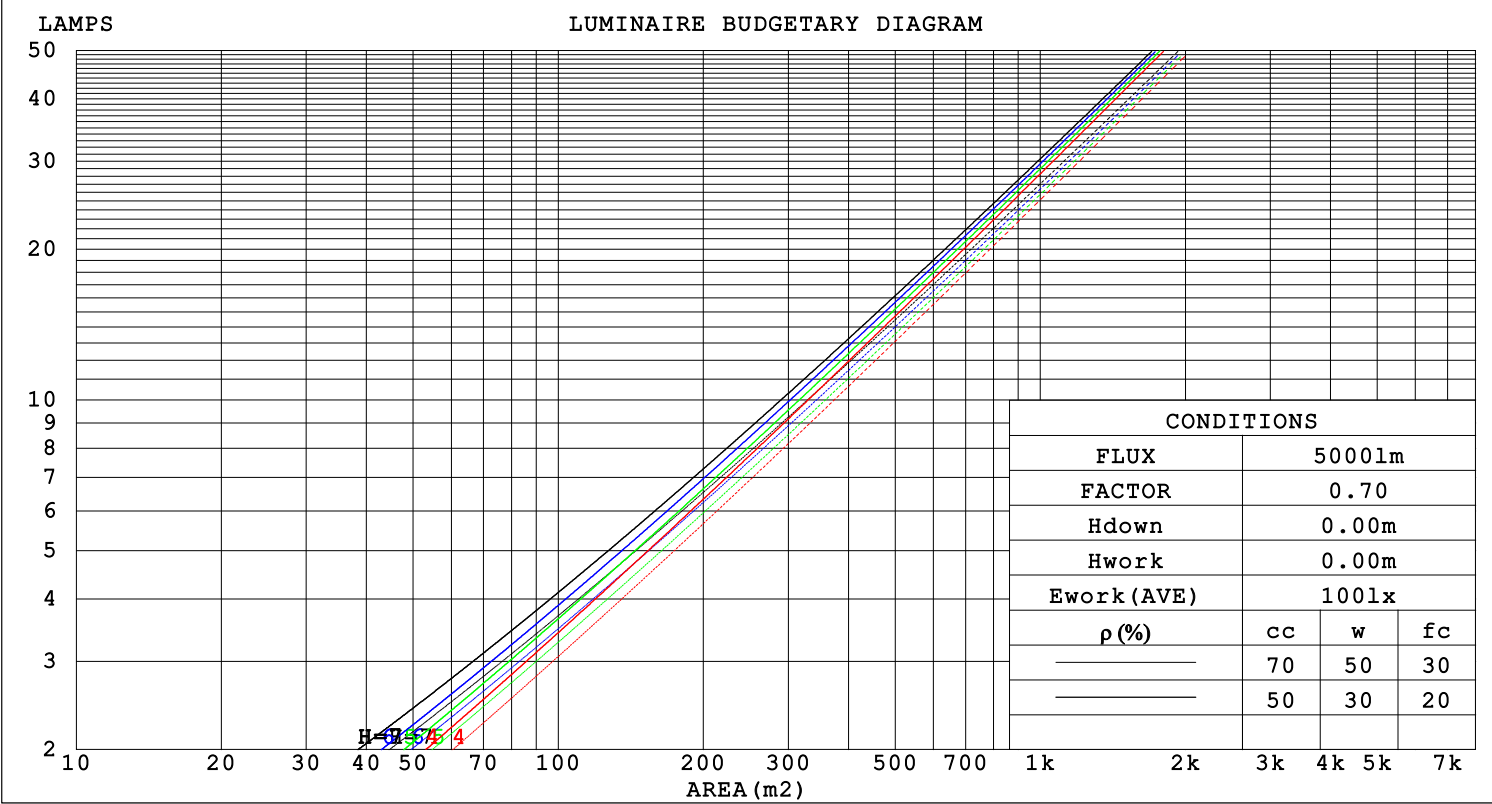
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.94	.92	.90	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.87	.83	.81	.85	.82	.80	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74
6.0	.82	.76	.72	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.74	.71	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.75	.70	.67	.73	.70	.67	.66
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.64	.61	.69	.64	.61	.68	.64	.60	.68	.63	.60	.67	.63	.60	.59
10.0	.66	.61	.57	.66	.61	.57	.65	.61	.57	.65	.60	.57	.64	.60	.57	.56



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION 150								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 1050 MA								DIMENSION: D-162 CUTOUT-150 H-154 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	.169	.096	.030	.162	.093	.029	.150	.086	.027	.138	.080	.026	.128	.074	.024															
2.0	.160	.088	.027	.155	.085	.026	.144	.080	.025	.135	.075	.024	.126	.071	.022															
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.130	.071	.022	.123	.068	.021															
4.0	.145	.075	.022	.141	.074	.022	.133	.070	.021	.126	.068	.020	.119	.065	.020															
5.0	.138	.070	.020	.134	.069	.020	.128	.066	.020	.121	.064	.019	.116	.062	.019															
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.112	.059	.018															
7.0	.126	.062	.018	.123	.061	.017	.118	.060	.017	.113	.058	.017	.109	.056	.017															
8.0	.121	.059	.017	.118	.058	.016	.114	.057	.016	.109	.055	.016	.105	.054	.016															
9.0	.116	.056	.016	.114	.055	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015															
10.0	.111	.053	.015	.109	.053	.015	.106	.052	.015	.102	.051	.014	.099	.050	.014															

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	.171	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.053	.037	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
7.0	.108	.070	.043	.093	.061	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.064	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 150					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 1050 MA					DIMENSION: D-162 CUTOUT-150 H-154 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	6.2	7.1	6.4	7.2	7.4	8.0	8.9	8.3	9.1	9.2
	3H	6.0	6.9	6.3	7.1	7.2	7.9	8.7	8.1	8.9	9.1
	4H	6.0	6.8	6.3	7.0	7.2	7.8	8.6	8.1	8.8	9.0
	6H	6.0	6.7	6.3	7.0	7.2	7.7	8.4	8.0	8.7	8.9
	8H	6.0	6.7	6.3	7.0	7.2	7.7	8.4	8.0	8.6	8.9
	12H	6.1	6.8	6.4	7.0	7.3	7.7	8.3	8.0	8.6	8.9
4H	2H	5.9	6.7	6.2	6.9	7.1	7.8	8.6	8.1	8.8	9.0
	3H	5.8	6.5	6.1	6.7	7.0	7.6	8.3	8.0	8.6	8.8
	4H	5.8	6.4	6.1	6.7	7.0	7.6	8.2	7.9	8.5	8.8
	6H	5.8	6.3	6.2	6.6	7.0	7.5	8.0	7.9	8.4	8.7
	8H	5.8	6.3	6.2	6.7	7.1	7.5	8.0	7.9	8.3	8.7
	12H	6.0	6.5	6.4	6.8	7.2	7.5	7.9	7.9	8.3	8.7
8H	4H	5.6	6.1	6.0	6.5	6.8	7.5	7.9	7.8	8.3	8.7
	6H	5.7	6.1	6.1	6.5	6.9	7.4	7.8	7.9	8.2	8.6
	8H	5.8	6.1	6.2	6.5	7.0	7.5	7.8	7.9	8.2	8.7
	12H	6.0	6.3	6.5	6.7	7.2	7.5	7.8	8.0	8.2	8.7
12H	4H	5.6	6.1	6.0	6.4	6.8	7.4	7.9	7.8	8.2	8.6
	6H	5.7	6.0	6.1	6.4	6.9	7.4	7.8	7.8	8.2	8.6
	8H	5.7	6.1	6.2	6.5	7.0	7.4	7.7	7.9	8.2	8.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 4.9					+ 3.6 / - 7.4				
1.5H		+ 4.1 / - 5.7					+ 5.8 / - 7.2				
2.0H		+ 5.7 / - 2.4					+ 6.0 / - 3.0				

CIE Pub.117 Corrected 3514 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019										
NAME: FLEXION 150					TYPE: 4000K CRI-90			WEIGHT:		
SPECIFICATION: FULHAM 1050 MA					DIMENSION: D-162 CUTOUT-150 H-154 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	92	100	95	91	98	94	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	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	

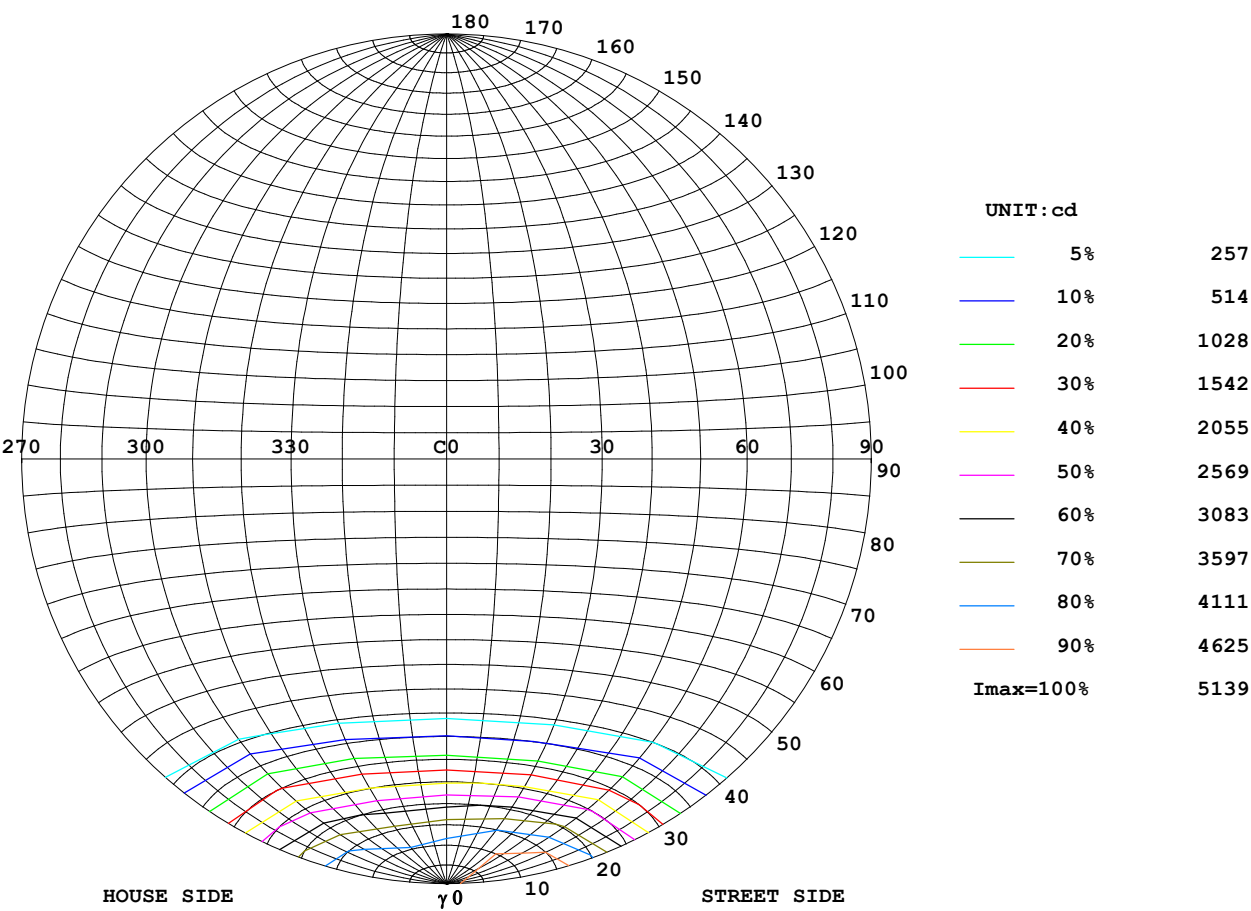
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

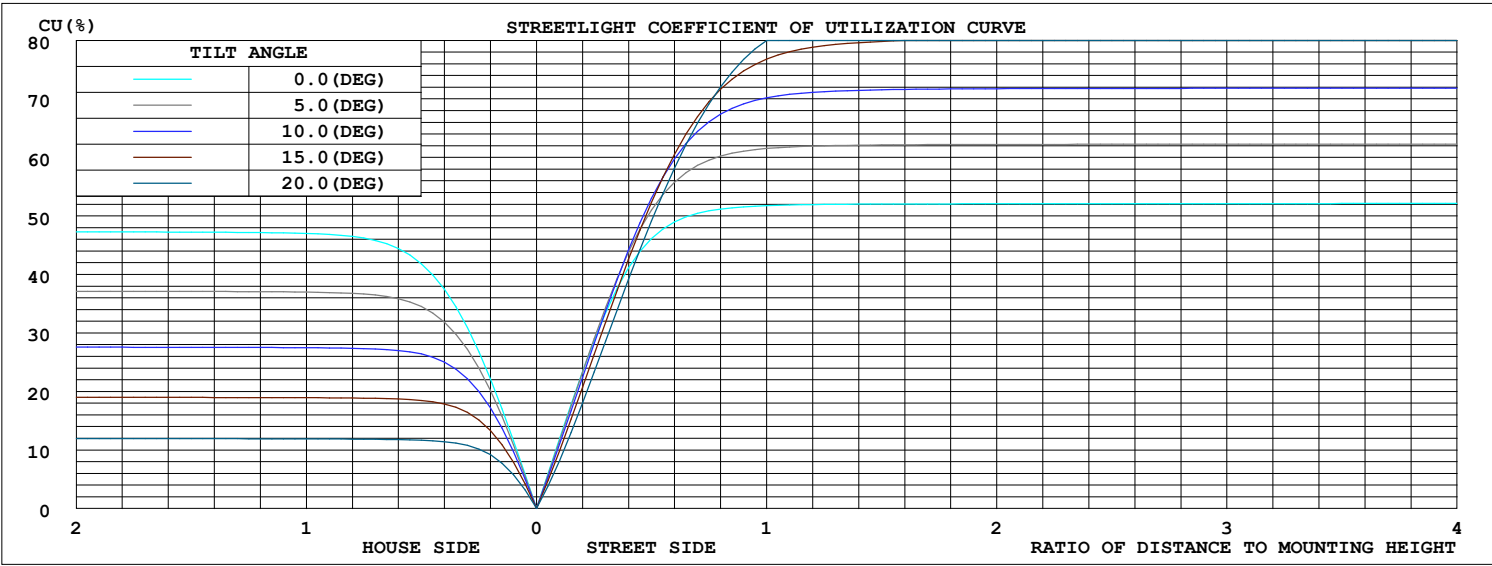
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 45.30 lx



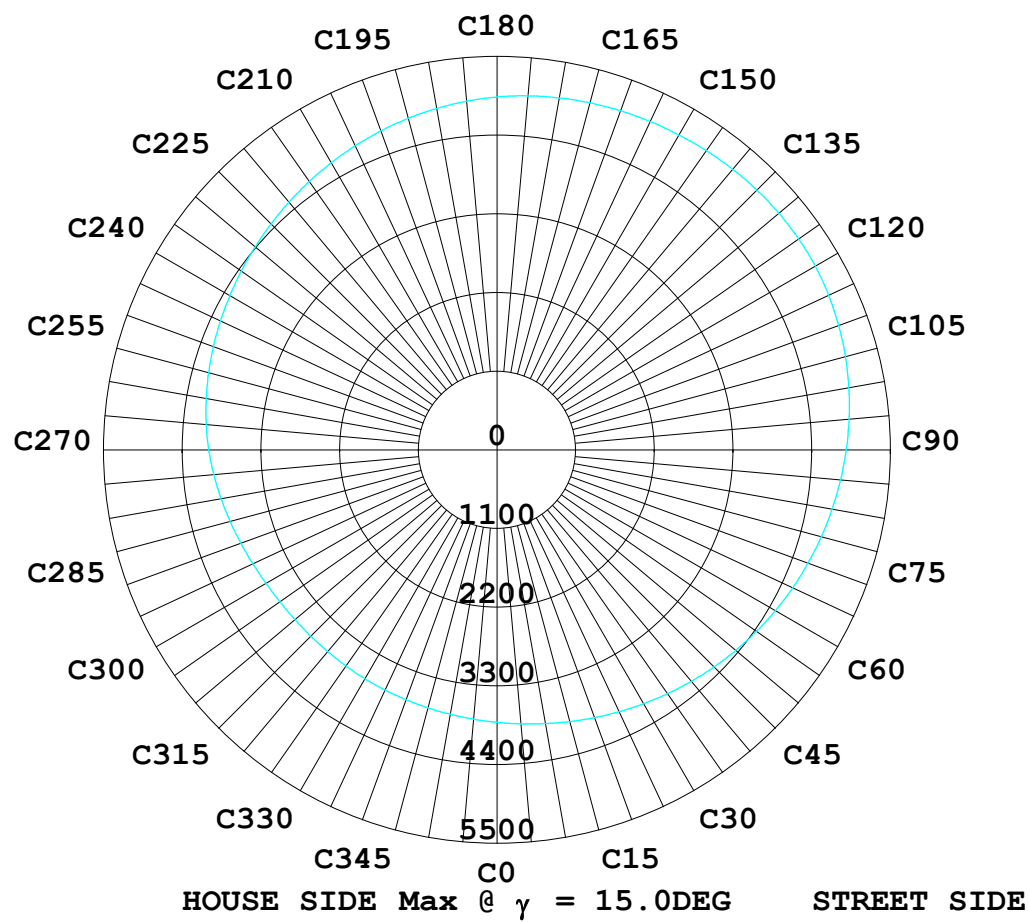
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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 150	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4530	4523	4529	4537	4534	4542	4530	4523	4529	4537	4534	4542
5.0	4401	4514	4660	4769	4833	4821	4732	4625	4501	4408	4328	4337
10.0	4262	4495	4749	4990	5138	5082	4935	4716	4495	4320	4146	4139
15.0	3808	4098	4495	4881	5139	5085	4935	4637	4314	4031	3729	3696
20.0	2944	3210	3673	4152	4523	4562	4474	4117	3672	3317	2948	2905
25.0	1989	2135	2535	2892	3308	3389	3436	3121	2723	2369	2058	2003
30.0	1139	1177	1436	1653	1904	2008	2123	1943	1694	1526	1261	1225
35.0	523	512	647	744	935	954	1042	1019	839	756	577	575
40.0	174	187	254	310	371	360	402	397	316	274	201	222
45.0	93.1	79.1	112	110	157	136	143	157	108	110	78.4	98.2
50.0	45.8	32.7	50.4	41.8	68.2	52.5	54.0	67.1	41.9	49.8	32.5	47.6
55.0	21.8	11.5	23.6	16.1	33.6	22.5	22.9	33.0	15.8	23.6	11.5	23.3
60.0	10.1	2.11	10.2	2.49	12.8	3.96	4.86	12.5	2.30	10.1	1.98	10.1
65.0	8.38	1.92	8.25	1.66	8.83	1.66	2.68	8.64	1.47	8.06	1.72	8.32
70.0	7.29	1.92	7.23	1.66	7.55	1.72	2.68	7.29	1.40	6.84	1.66	7.29
75.0	6.33	1.85	6.33	1.72	6.52	1.66	2.75	6.40	1.40	6.01	1.40	5.88
80.0	5.88	2.04	5.82	1.92	6.01	1.85	2.88	5.69	1.47	5.37	1.40	5.24
85.0	5.63	2.30	5.50	2.17	5.63	2.04	3.07	5.12	1.53	4.92	1.53	4.80
90.0	5.44	3.13	5.24	2.81	5.18	2.75	4.41	4.48	1.98	4.28	1.98	4.22

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K