

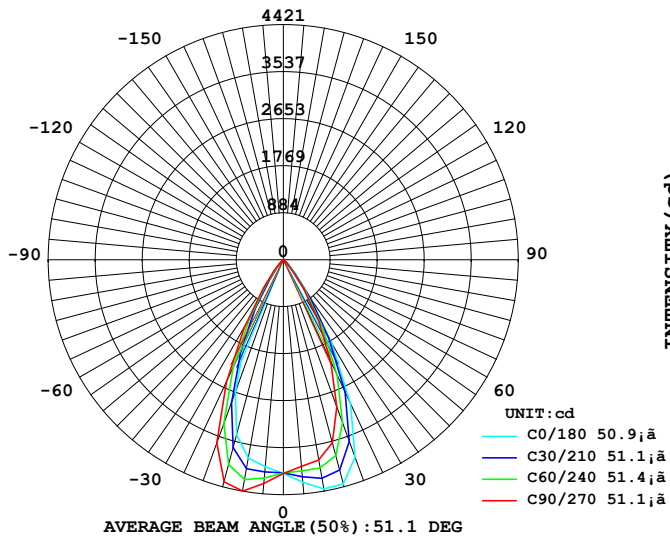
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

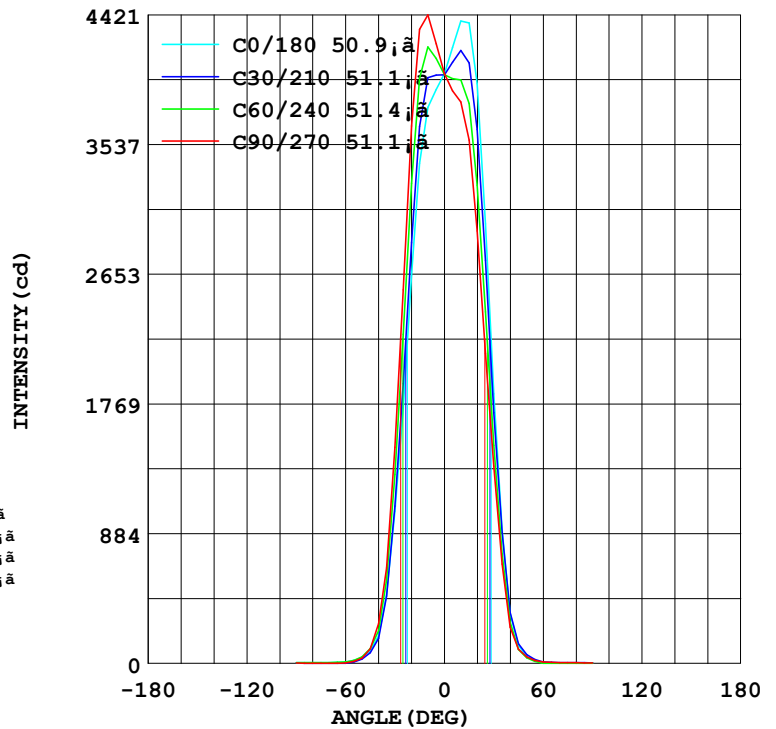
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 150	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	4546	S/MH (C0/180)	0.72
MODEL	FLEXION 150	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.81
NOMINAL POWER (W)	38	TOTAL FLUX (lm)	3109.6	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	81.3	Current (A)	0.174
NOMINAL FLUX (lm)	3109.7	η up (%)	0.0	Power (W)	38.23
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	2933.6	EEI	0.178

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 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 150	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

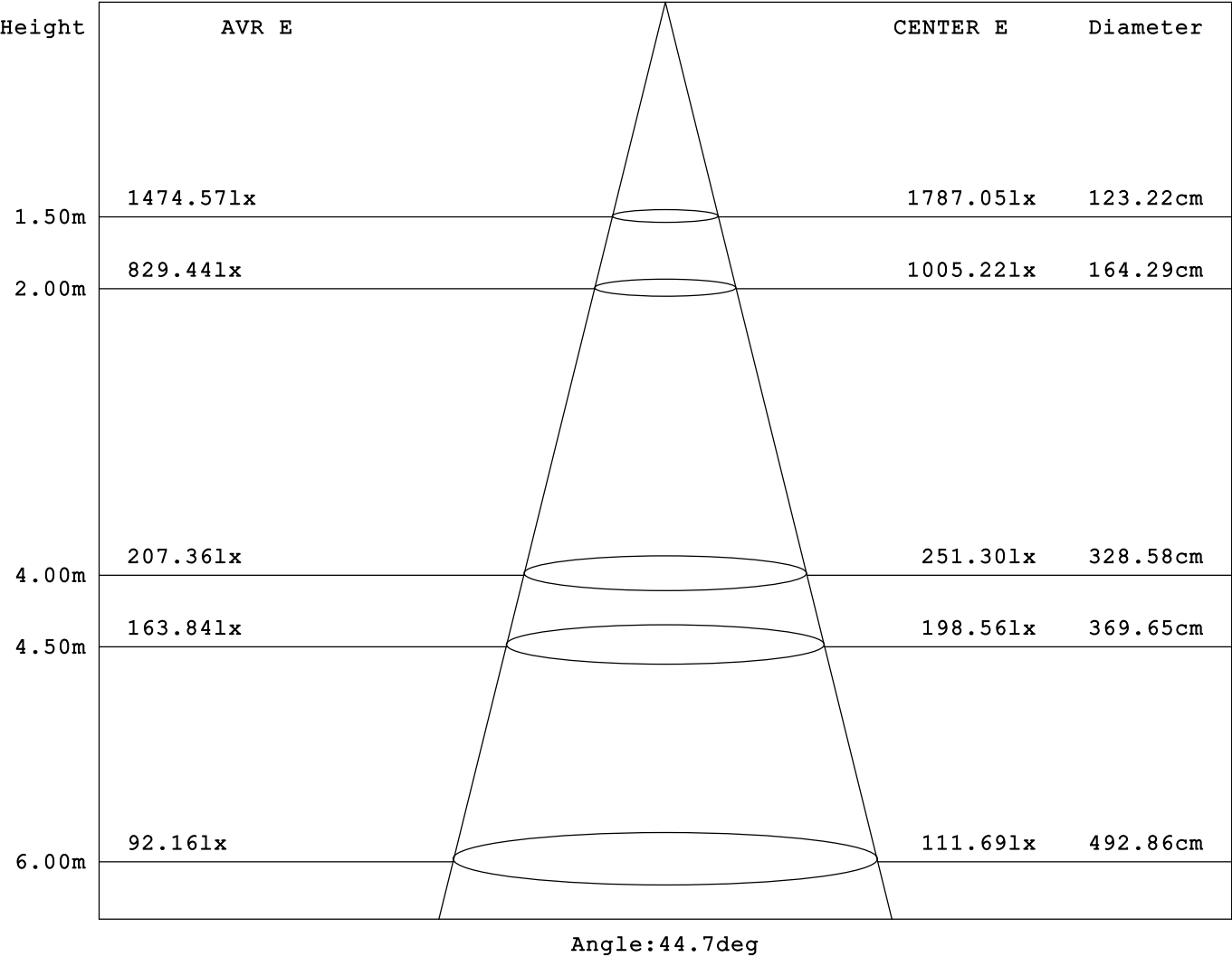
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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 150	TYPE: 3000K 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:7.500 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K 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	3790	4097	4421	4519	4379	4077	3827	3663	0- 10	387.9	387.9
20.0	2648	3070	3663	4010	3952	3450	2948	2604	10- 20	1067	1455
30.0	1036	1179	1473	1724	1837	1597	1346	1097	20- 30	1066	2521
40.0	188.1	197.4	271.4	322.1	342.4	314.8	246.8	188.7	30- 40	461.3	2982
50.0	41.11	36.95	36.78	52.59	47.30	48.26	44.60	36.02	40- 50	95.98	3078
60.0	9.056	5.512	2.250	7.425	3.937	6.271	8.887	5.343	50- 60	19.31	3097
70.0	6.525	4.078	1.518	4.050	2.362	3.853	6.075	3.909	60- 70	4.758	3102
80.0	5.231	3.403	1.631	3.459	2.587	3.150	4.668	2.981	70- 80	3.817	3106
90.0	4.781	3.656	2.475	3.543	3.881	2.868	3.768	2.728	80- 90	3.594	3110
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

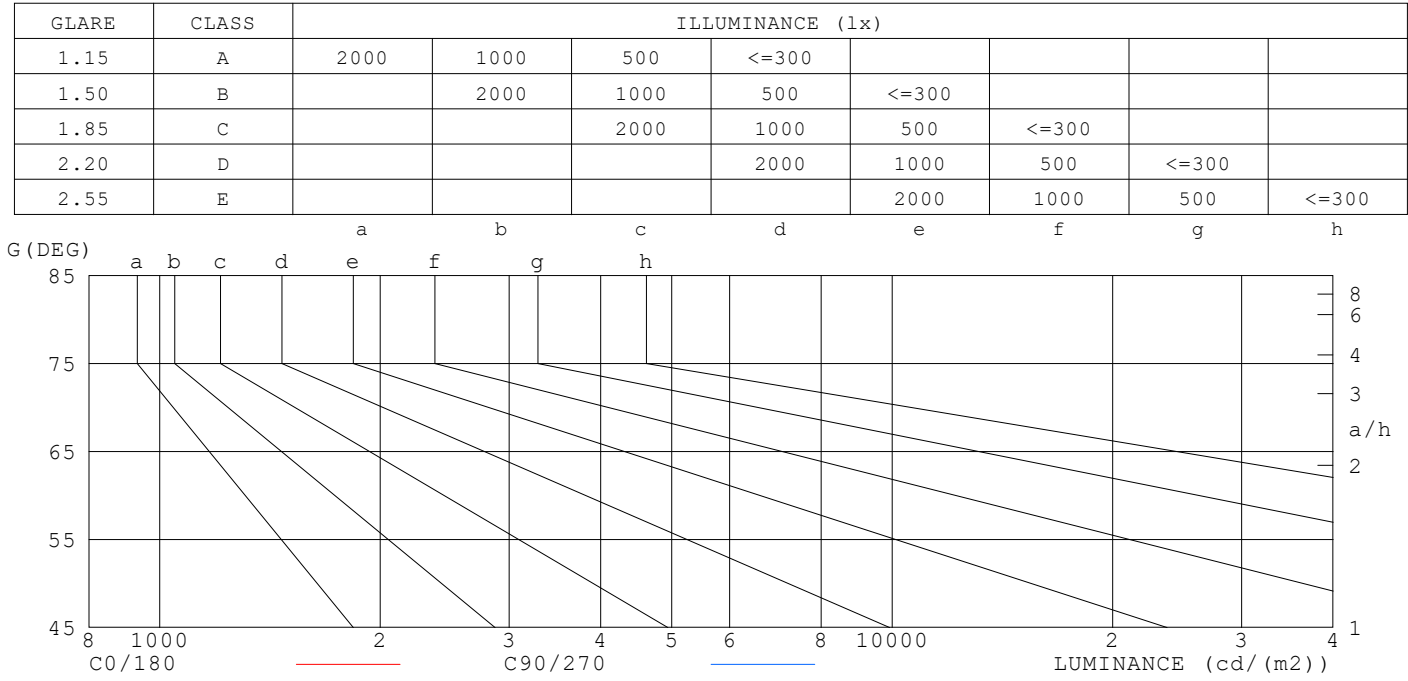
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K 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	568	213
80	301	94
75	217	54
70	191	44
65	176	36
60	181	45
55	343	251
50	640	572
45	1204	1397

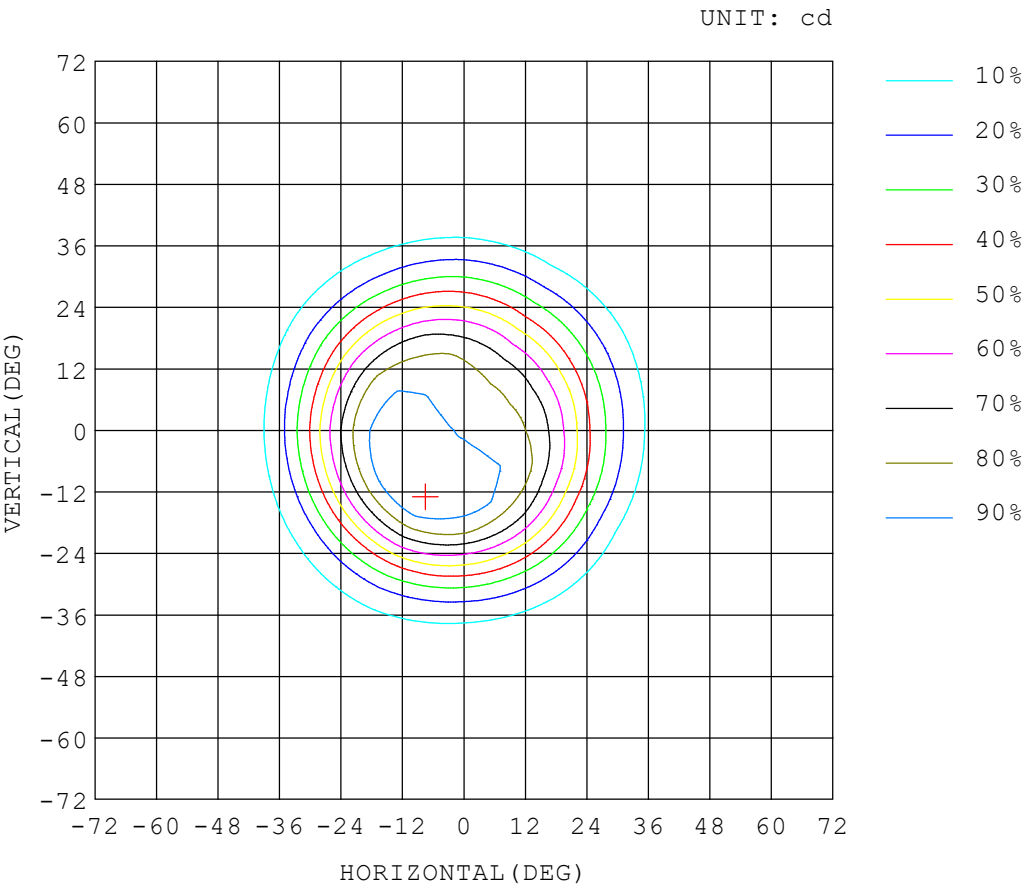
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:



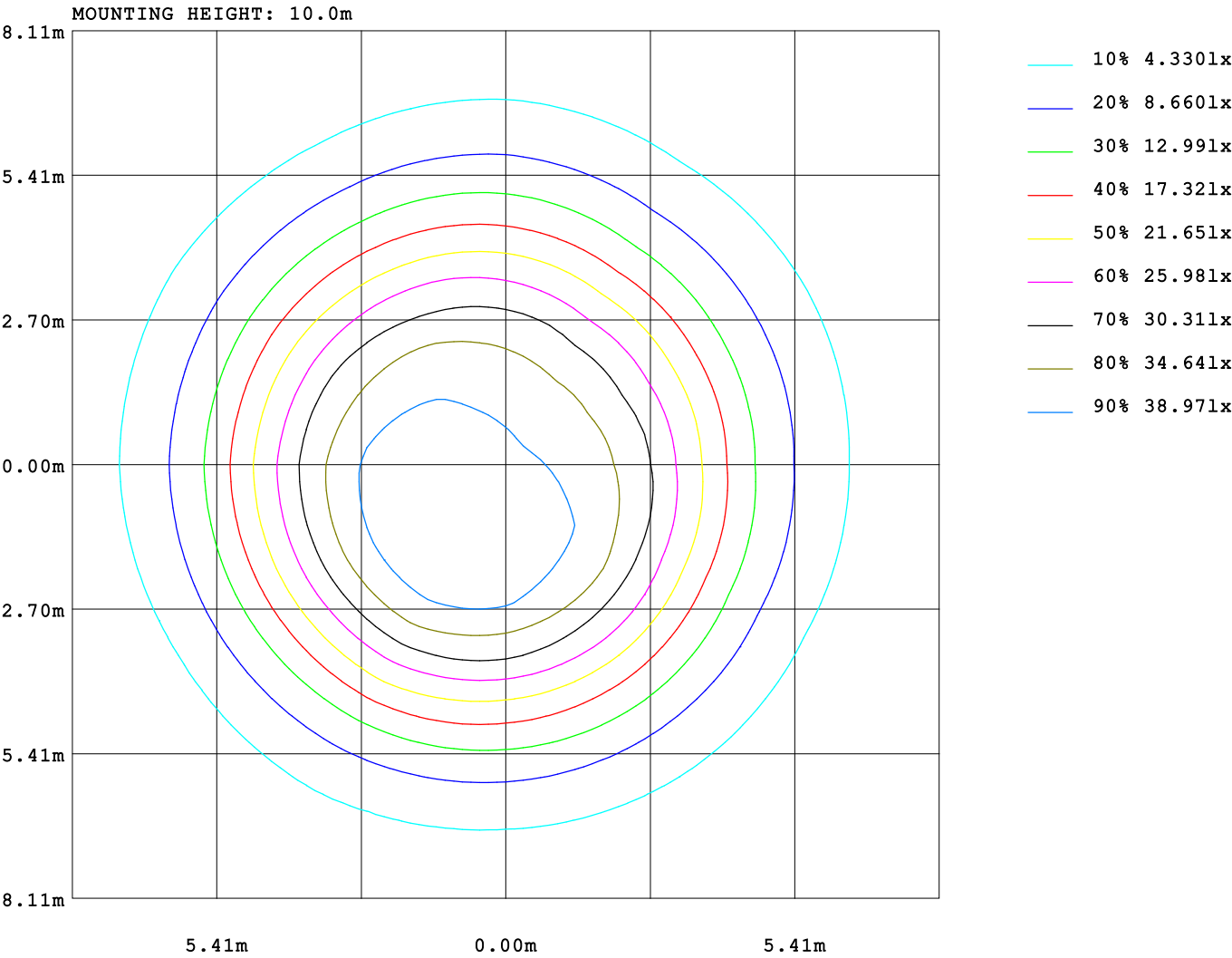
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K 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:7.500 m
Remarks: 3000K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K 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	0.05	0.05	0.04	0.03	0.05	0.08	0.11	0.11	0.08	0.05	0.03	0.04	0.05	0.05	0.05	0.03	0.99	0.00		
64	0.03	0.05	0.07	0.06	0.05	0.03	0.07	0.13	0.19	0.19	0.13	0.07	0.04	0.05	0.06	0.06	0.05	0.04	1.36	0.00		
56	0.03	0.05	0.08	0.09	0.12	0.19	0.33	0.52	0.67	0.65	0.47	0.27	0.14	0.10	0.08	0.08	0.06	0.04	3.97	0.00		
48	0.03	0.05	0.10	0.19	0.41	0.76	1.28	2.11	2.62	2.45	1.74	0.98	0.56	0.30	0.15	0.09	0.06	0.04	13.9	0.00		
40	0.03	0.05	0.14	0.45	1.08	2.56	5.53	9.31	11.7	10.9	7.27	3.64	1.66	0.76	0.33	0.13	0.07	0.04	55.7	30.2		
32	0.03	0.06	0.23	0.84	2.70	8.09	17.6	27.3	32.2	29.8	21.5	12.1	4.94	1.67	0.60	0.19	0.08	0.05	160	145		
24	0.03	0.06	0.34	1.37	5.82	18.4	36.5	51.6	57.2	52.7	40.1	25.0	11.3	3.37	0.94	0.28	0.09	0.05	305	294		
VERTICAL (DEG)	0.02	0.07	0.42	2.07	9.76	29.7	55.5	71.0	73.6	68.5	56.8	37.5	18.0	5.44	1.32	0.36	0.10	0.05	431	421		
	0.02	0.07	0.47	2.53	12.7	37.8	67.2	80.1	78.7	74.1	66.2	46.1	22.2	6.89	1.56	0.40	0.11	0.05	498	489		
	0.02	0.07	0.46	2.49	12.5	38.4	69.5	84.2	83.6	79.1	70.3	47.8	22.4	6.76	1.52	0.39	0.10	0.05	520	511		
	0.02	0.05	0.38	1.98	9.41	30.5	60.6	81.4	86.3	80.8	66.3	41.2	18.1	5.09	1.22	0.32	0.08	0.04	484	474		
-24	0.02	0.04	0.28	1.24	5.44	18.3	40.5	61.9	70.1	64.9	48.9	27.9	10.8	2.98	0.81	0.22	0.06	0.04	355	344		
-32	0.01	0.02	0.17	0.69	2.53	8.04	18.9	31.0	37.2	34.6	24.9	13.1	4.87	1.48	0.45	0.12	0.05	0.03	178	164		
-40	0.01	0.02	0.07	0.35	1.07	2.88	6.26	10.0	12.1	11.2	7.93	4.32	1.89	0.71	0.21	0.05	0.04	0.03	59.3	33.4		
-48	0.01	0.02	0.03	0.14	0.45	1.01	1.82	2.56	2.88	2.69	2.09	1.36	0.72	0.30	0.09	0.03	0.03	0.03	16.2	0.00		
-56	0.01	0.02	0.02	0.06	0.16	0.36	0.56	0.64	0.63	0.59	0.53	0.42	0.26	0.12	0.05	0.03	0.02	0.02	4.49	0.00		
-64	0.01	0.02	0.03	0.05	0.09	0.14	0.16	0.15	0.11	0.10	0.13	0.13	0.13	0.08	0.05	0.03	0.02	0.02	1.45	0.00		
-72	0.01	0.02	0.03	0.05	0.08	0.11	0.10	0.07	0.05	0.04	0.07	0.09	0.10	0.08	0.05	0.03	0.02	0.02	1.01	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.38	0.79	3.36	14.7	64.5	198	383	515	551	514	416	262	119	36.2	9.54	2.85	1.08	0.68	3110			
Φ a	0.00	0.00	0.00	0.00	43.7	183	371	503	540	502	404	249	102	10.7	0.00	0.00	0.00	0.00		2934		

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

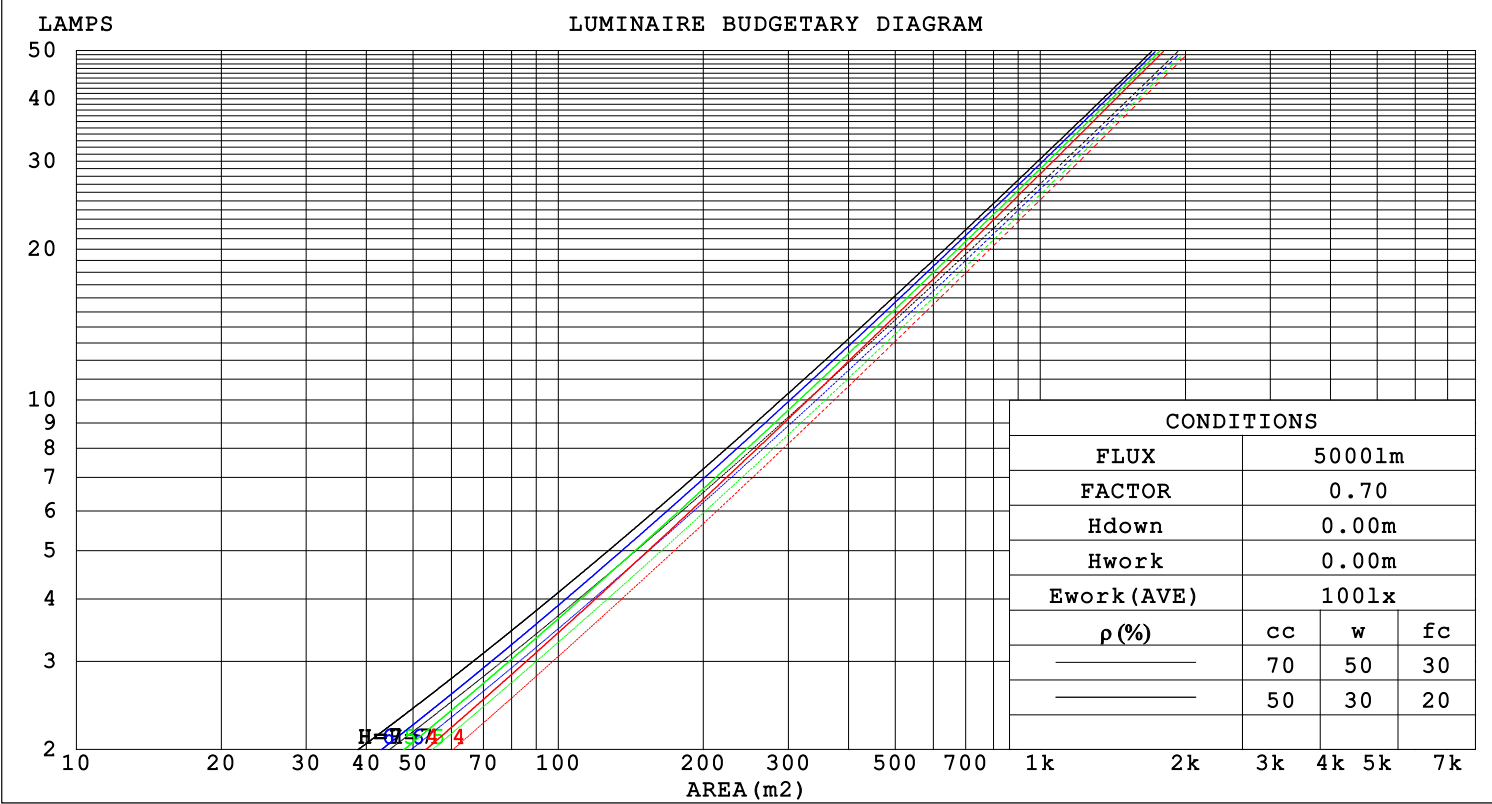
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

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: 3000K 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
ffc	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:7.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION 150								TYPE: 3000K 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:7.500 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 150					TYPE: 3000K 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	5.8	6.7	6.0	6.8	7.0	7.6	8.5	7.8	8.6	8.8
	3H	5.7	6.5	5.9	6.7	6.9	7.4	8.2	7.7	8.4	8.6
	4H	5.6	6.4	5.9	6.6	6.8	7.3	8.1	7.6	8.3	8.6
	6H	5.6	6.3	5.9	6.6	6.8	7.3	8.0	7.6	8.2	8.5
	8H	5.7	6.3	6.0	6.6	6.9	7.2	7.9	7.5	8.2	8.4
	12H	5.7	6.4	6.0	6.7	6.9	7.2	7.9	7.5	8.1	8.4
4H	2H	5.6	6.3	5.8	6.6	6.8	7.3	8.1	7.6	8.3	8.5
	3H	5.4	6.1	5.7	6.4	6.6	7.2	7.9	7.5	8.1	8.4
	4H	5.4	6.0	5.7	6.3	6.6	7.1	7.7	7.5	8.0	8.3
	6H	5.4	5.9	5.8	6.3	6.6	7.1	7.6	7.4	7.9	8.3
	8H	5.5	6.0	5.9	6.3	6.7	7.0	7.5	7.4	7.9	8.2
	12H	5.6	6.1	6.0	6.4	6.8	7.0	7.5	7.4	7.8	8.2
8H	4H	5.3	5.8	5.7	6.1	6.5	7.0	7.5	7.4	7.8	8.2
	6H	5.3	5.7	5.7	6.1	6.5	7.0	7.4	7.4	7.8	8.2
	8H	5.4	5.7	5.8	6.2	6.6	7.0	7.3	7.4	7.8	8.2
	12H	5.6	5.9	6.1	6.4	6.8	7.0	7.3	7.5	7.8	8.3
12H	4H	5.2	5.7	5.6	6.1	6.4	6.9	7.4	7.4	7.8	8.2
	6H	5.3	5.6	5.7	6.1	6.5	6.9	7.3	7.4	7.7	8.1
	8H	5.4	5.7	5.8	6.1	6.6	7.0	7.3	7.4	7.7	8.2
Variations with the observer position at spacings:											
S = 1.0H		+ 2.9 / - 5.6					+ 3.5 / - 7.4				
1.5H		+ 4.9 / - 6.4					+ 5.8 / - 7.3				
2.0H		+ 5.9 / - 2.5					+ 6.1 / - 3.1				

CIE Pub.117 Corrected 3110 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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:7.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 150	TYPE: 3000K 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		

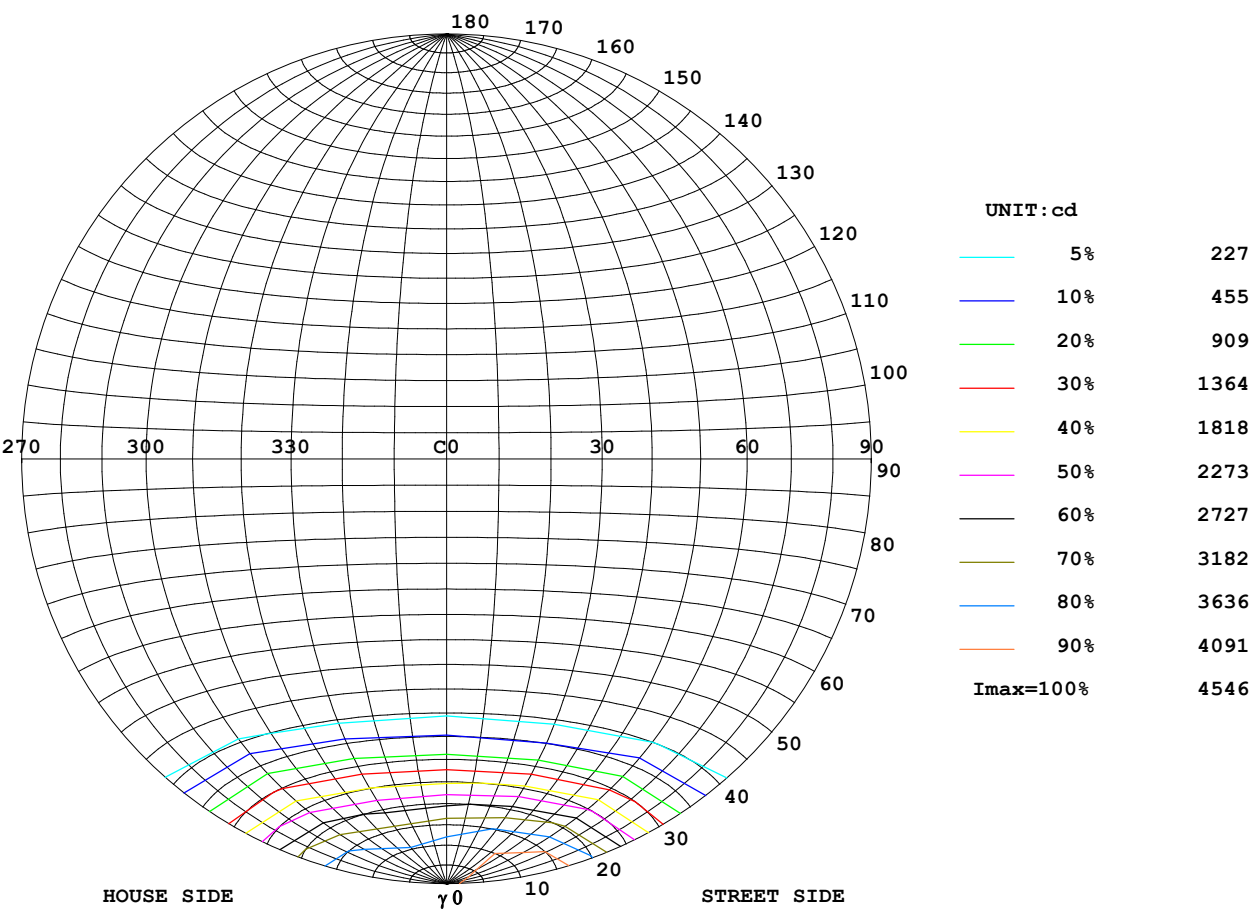
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K 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

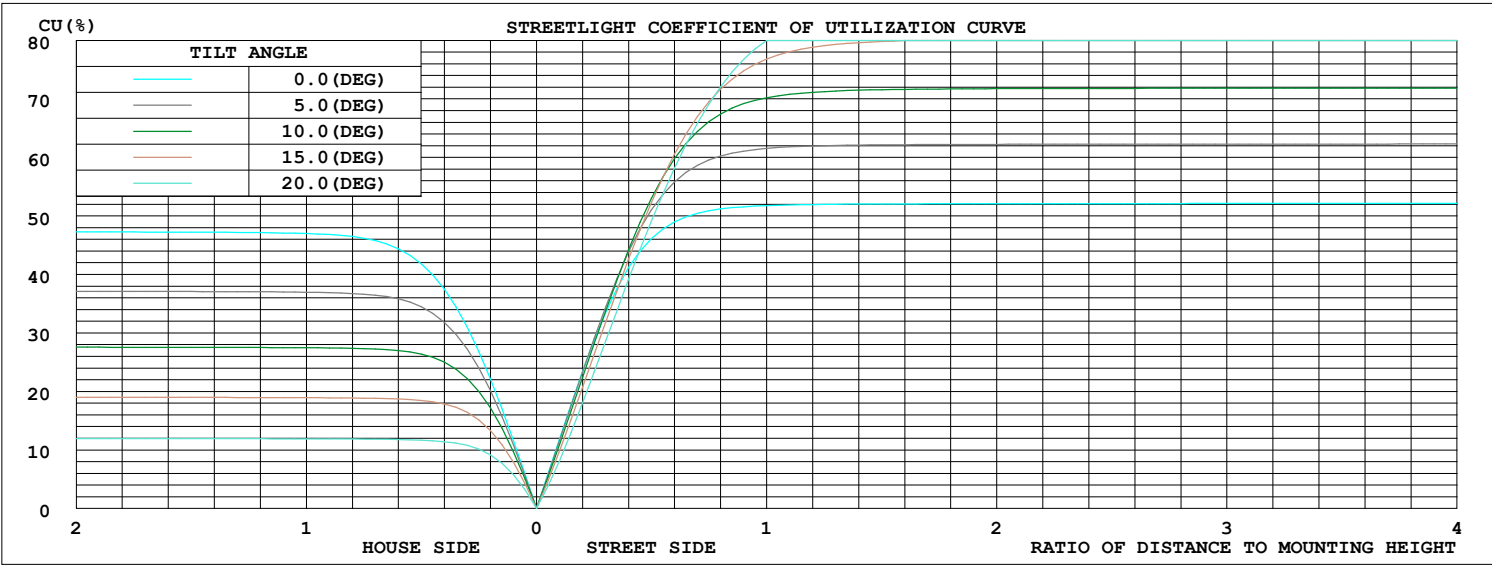
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 40.21 lx



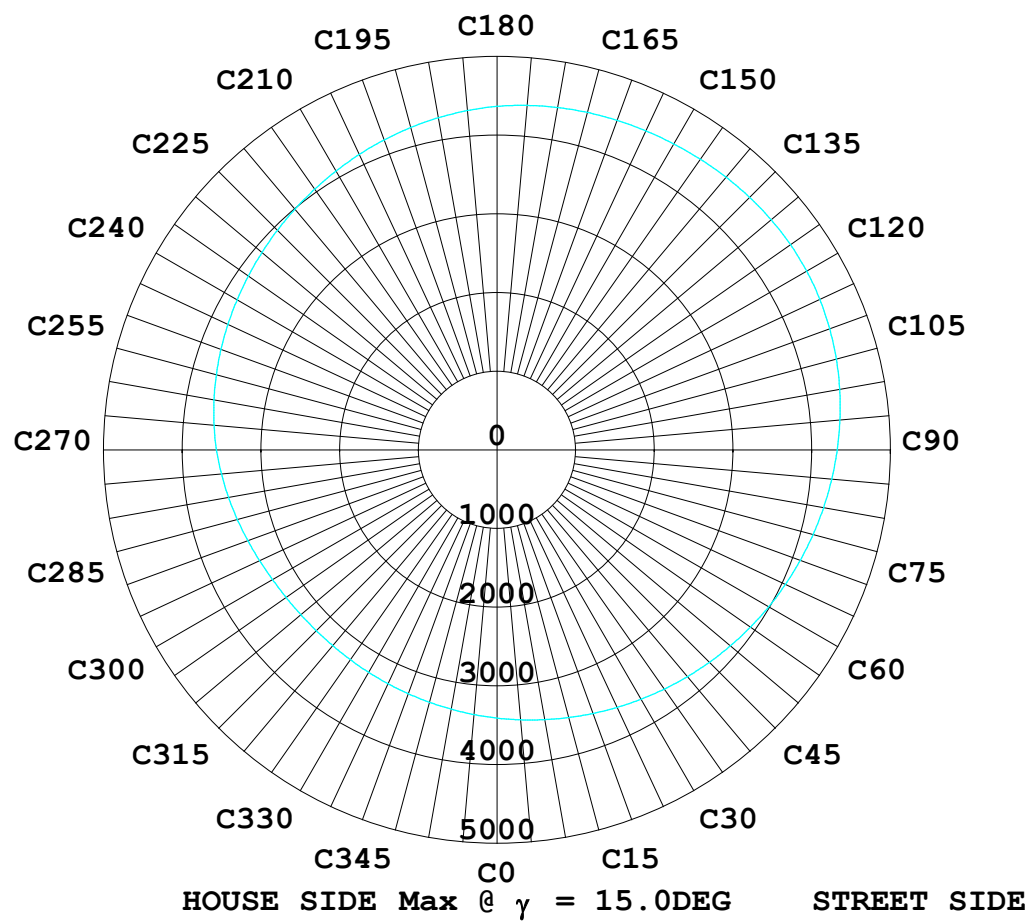
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 3000K 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:7.500 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 150	TYPE: 3000K 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	4021	4012	4012	4019	4005	4009	4021	4012	4012	4019	4005	4009
5.0	3912	4009	4123	4225	4271	4262	4199	4098	3987	3903	3831	3836
10.0	3790	3993	4202	4421	4544	4495	4379	4178	3977	3827	3666	3660
15.0	3409	3659	3988	4322	4546	4490	4367	4094	3815	3567	3296	3265
20.0	2648	2866	3273	3663	4003	4017	3952	3639	3261	2948	2624	2584
25.0	1742	1907	2243	2547	2908	2972	2995	2748	2397	2113	1820	1752
30.0	1036	1072	1287	1473	1666	1782	1837	1708	1486	1346	1112	1081
35.0	471	459	571	651	816	830	912	894	747	678	519	518
40.0	188	171	224	271	324	320	342	348	282	247	177	201
45.0	85.1	72.6	101	98.7	140	121	123	135	94.3	97.0	69.2	86.7
50.0	41.1	29.3	44.6	36.7	59.4	45.7	47.3	59.1	37.4	44.6	29.3	42.6
55.0	19.6	10.8	20.8	14.4	29.4	19.9	19.4	28.3	13.7	20.7	10.1	20.4
60.0	9.05	1.91	9.11	2.25	11.3	3.48	3.93	10.6	1.85	8.88	1.74	8.94
65.0	7.42	1.68	7.31	1.51	7.76	1.51	2.36	7.53	1.29	7.14	1.57	7.42
70.0	6.52	1.80	6.35	1.51	6.63	1.46	2.36	6.46	1.23	6.07	1.40	6.41
75.0	5.62	1.57	5.51	1.40	5.79	1.51	2.41	5.56	1.29	5.34	1.23	5.17
80.0	5.23	1.74	5.06	1.63	5.28	1.63	2.58	5.00	1.29	4.66	1.29	4.66
85.0	4.95	2.02	4.83	1.85	4.95	1.85	2.70	4.50	1.35	4.21	1.29	4.21
90.0	4.78	2.70	4.61	2.47	4.61	2.47	3.88	3.93	1.80	3.76	1.74	3.71

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Humidity:65.0%
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