

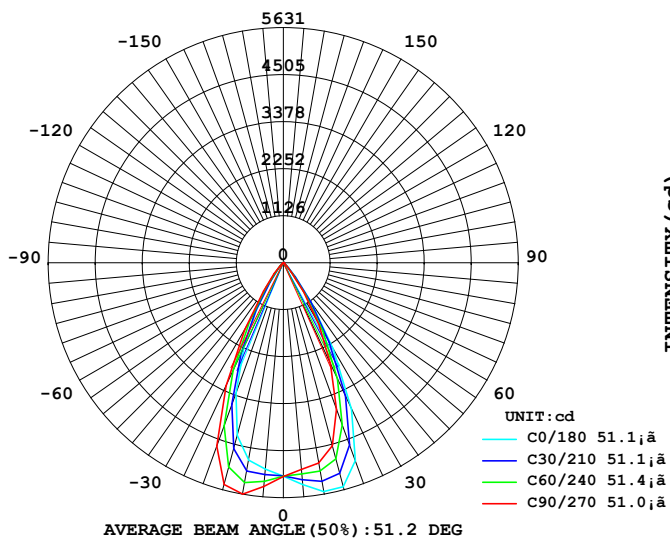
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

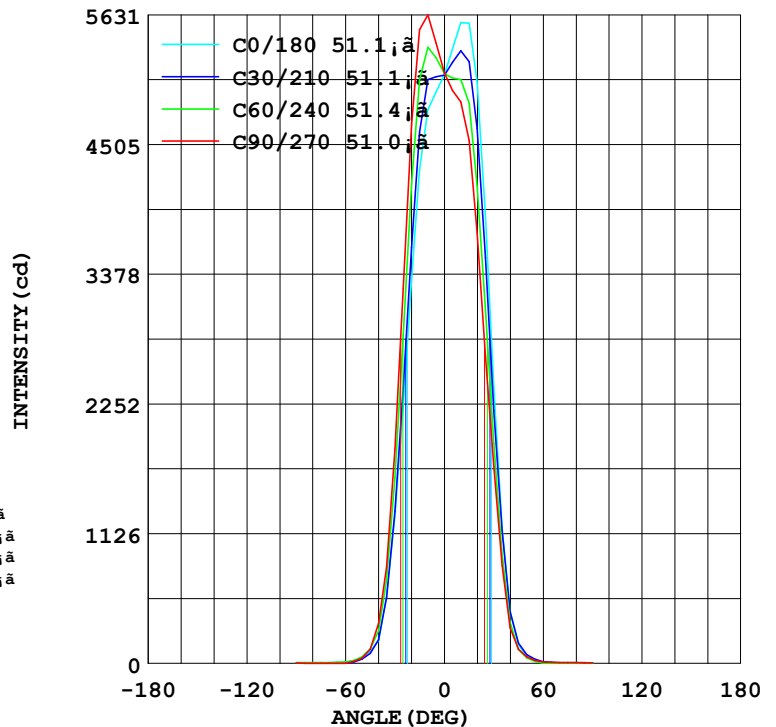
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: FLEXION 150	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	5797	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)	3959.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	104.0	Current (A)	0.174
NOMINAL FLUX (lm)	3959.6	η up (%)	0.0	Power (W)	38.08
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	3737.3	EEI	0.139

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: 8.500 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 150	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

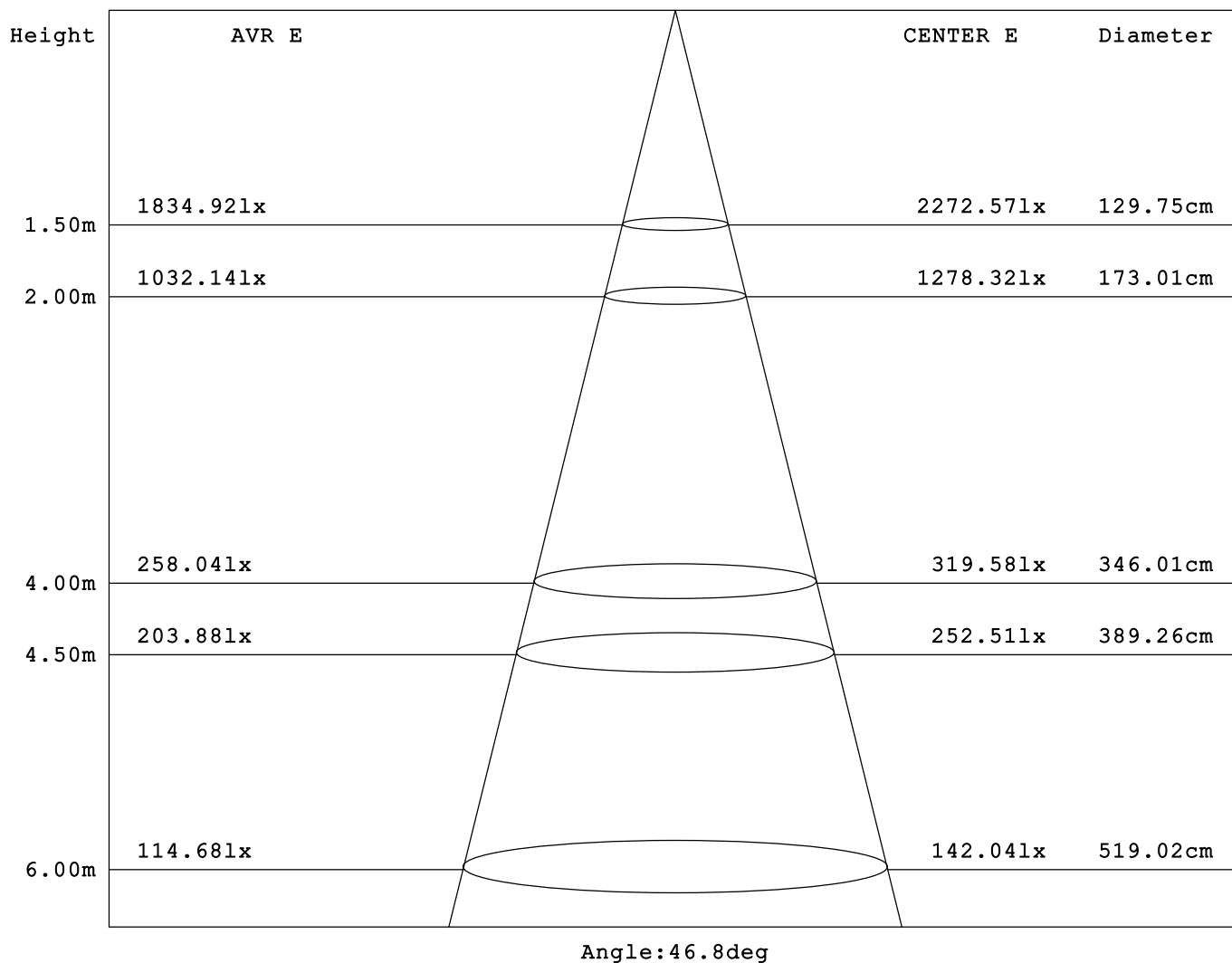
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Humidity:65.0%
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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

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 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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	4806	5209	5631	5766	5564	5193	4873	4672	0- 10	494.2	494.2
20.0	3332	3886	4677	5137	5045	4392	3735	3292	10- 20	1357	1852
30.0	1277	1465	1858	2208	2396	2052	1714	1393	20- 30	1359	3211
40.0	199.0	246.2	348.6	413.0	455.0	402.7	308.8	236.5	30- 40	586.7	3798
50.0	51.36	46.56	47.10	68.16	61.12	61.55	55.99	44.97	40- 50	121.6	3919
60.0	11.41	6.936	2.745	9.500	5.635	8.344	11.41	6.791	50- 60	24.67	3944
70.0	8.308	5.202	1.878	5.202	3.034	4.949	7.803	4.985	60- 70	6.097	3950
80.0	6.719	4.443	2.095	4.443	3.251	4.009	6.069	3.757	70- 80	4.889	3955
90.0	6.141	4.696	3.179	4.551	4.985	3.612	4.840	3.504	80- 90	4.618	3960
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

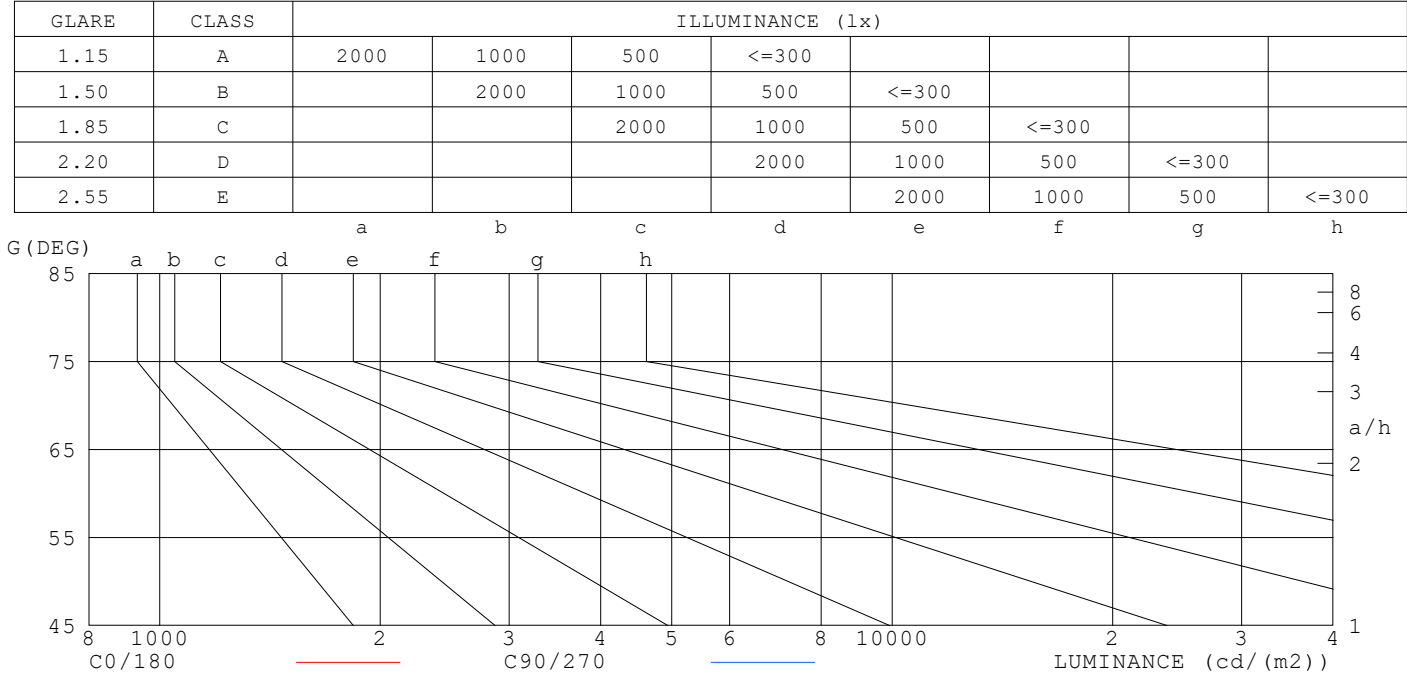
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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	729	274
80	387	121
75	276	73
70	243	55
65	224	44
60	228	55
55	426	316
50	799	733
45	1474	1749

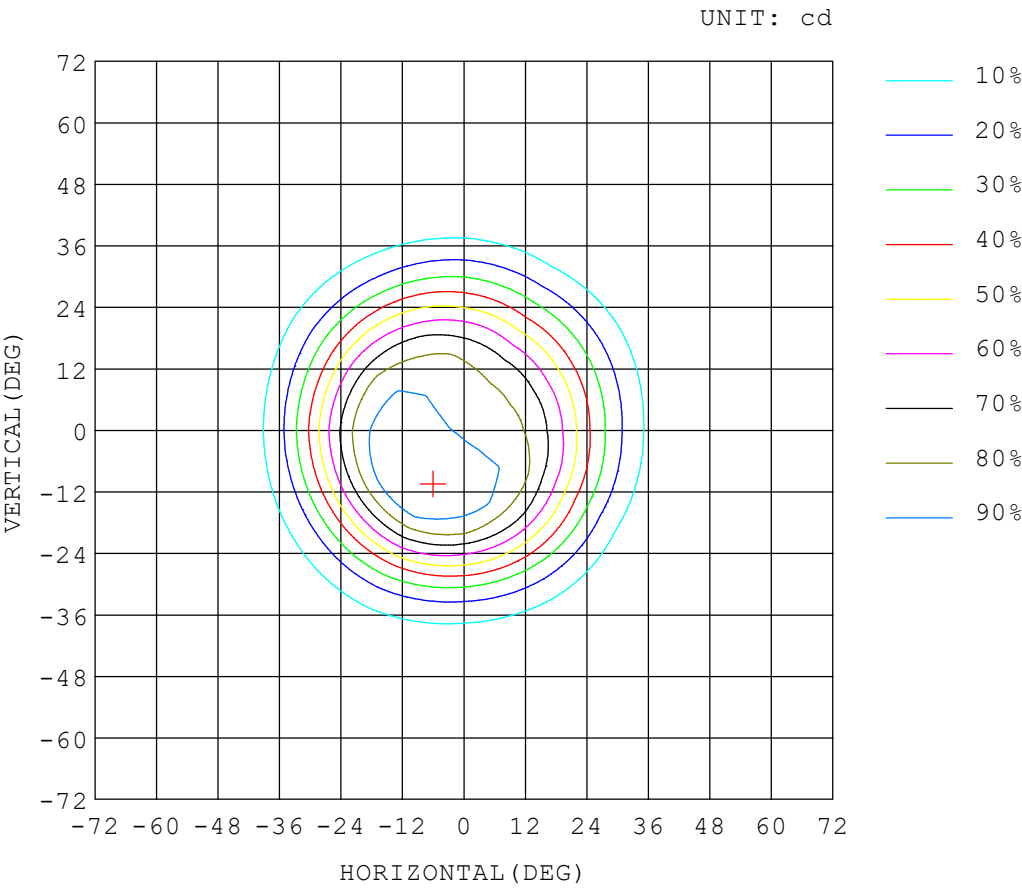
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:



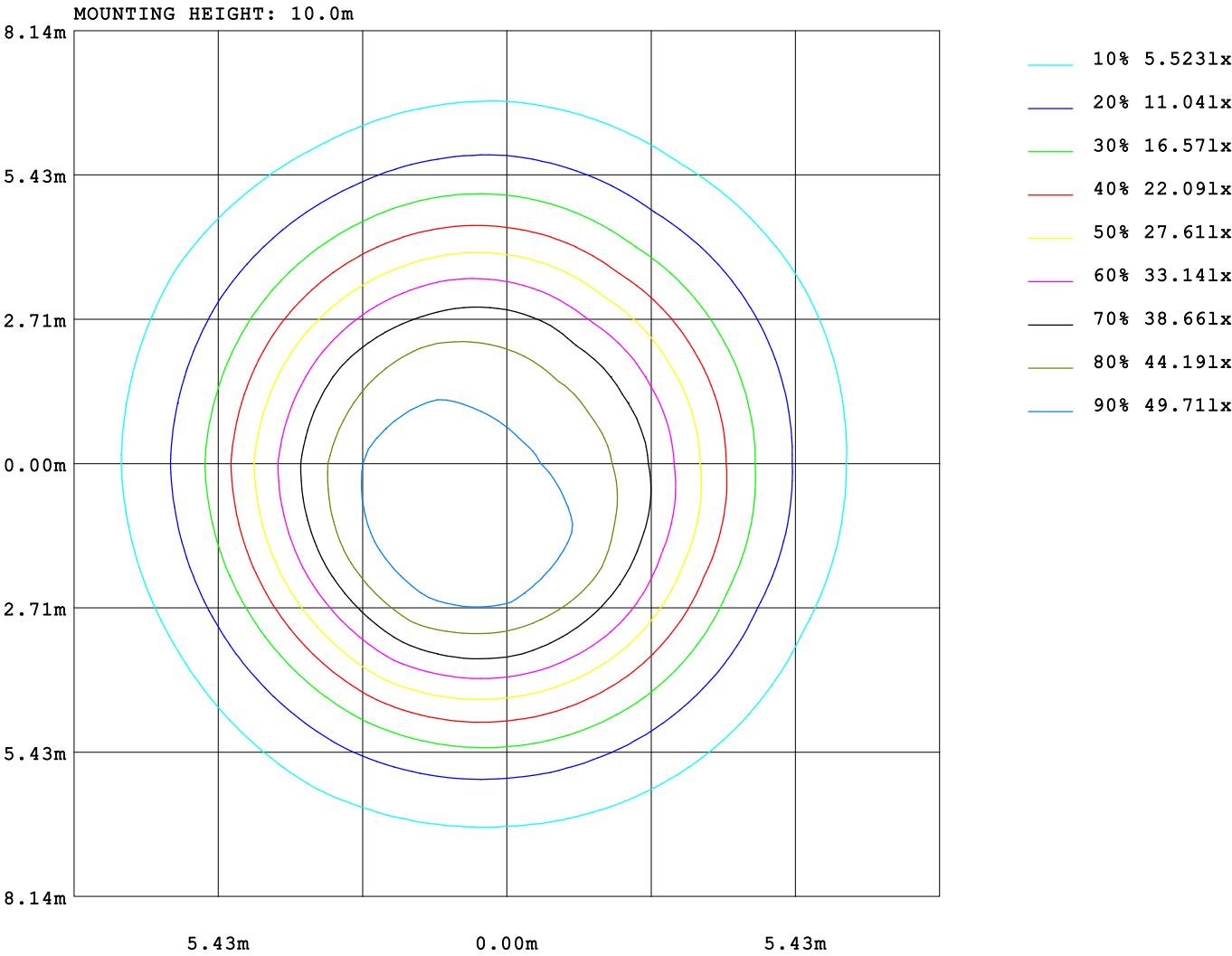
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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:8.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: FLEXION 150										TYPE: 5700K 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
	0.04	0.06	0.07	0.07	0.05	0.04	0.06	0.10	0.14	0.14	0.10	0.07	0.04	0.05	0.06	0.06	0.06	0.04	1.26	0.00		
64	0.04	0.07	0.08	0.08	0.07	0.05	0.09	0.17	0.24	0.24	0.16	0.08	0.05	0.07	0.08	0.08	0.06	0.05	1.75	0.00		
56	0.04	0.07	0.10	0.12	0.15	0.24	0.43	0.67	0.85	0.82	0.60	0.35	0.18	0.12	0.11	0.10	0.07	0.05	5.05	0.00		
48	0.04	0.07	0.13	0.25	0.53	0.97	1.64	2.68	3.31	3.09	2.20	1.24	0.71	0.39	0.19	0.12	0.08	0.05	17.7	0.00		
40	0.04	0.07	0.19	0.59	1.40	3.30	7.02	11.7	14.8	13.7	9.11	4.58	2.10	0.96	0.42	0.16	0.09	0.06	70.4	37.1		
32	0.04	0.07	0.31	1.08	3.51	10.3	22.5	34.9	41.0	37.8	27.3	15.2	6.16	2.10	0.75	0.25	0.10	0.06	204	184		
24	0.03	0.08	0.44	1.79	7.55	23.6	46.9	65.8	72.6	66.8	50.9	31.9	14.2	4.13	1.16	0.35	0.11	0.06	389	375		
VERTICAL (DEG)	0.03	0.09	0.55	2.72	12.6	38.3	71.0	90.5	93.8	87.3	72.3	47.7	22.8	6.64	1.59	0.45	0.12	0.06	549	537		
	0.02	0.10	0.62	3.34	16.5	49.0	85.9	102	100	94.6	84.1	58.3	28.1	8.40	1.80	0.50	0.13	0.06	634	623		
	0.02	0.09	0.60	3.29	16.3	49.7	89.0	107	107	101	88.9	60.3	28.2	8.23	1.75	0.48	0.13	0.06	662	651		
	0.02	0.07	0.50	2.57	12.2	39.3	77.8	104	110	103	83.9	51.9	22.5	6.18	1.45	0.39	0.10	0.06	616	604		
-24	0.02	0.05	0.37	1.61	7.00	23.5	51.9	79.4	89.6	82.8	62.2	34.9	13.5	3.61	0.99	0.27	0.08	0.05	452	438		
-32	0.02	0.03	0.22	0.89	3.22	10.3	24.4	39.8	47.5	43.9	31.4	16.4	6.08	1.82	0.55	0.15	0.06	0.04	227	210		
-40	0.02	0.02	0.09	0.45	1.37	3.67	8.07	12.9	15.6	14.3	10.1	5.47	2.35	0.88	0.26	0.07	0.05	0.04	75.8	43.2		
-48	0.02	0.02	0.04	0.18	0.58	1.30	2.33	3.26	3.67	3.41	2.64	1.70	0.91	0.38	0.11	0.03	0.04	0.03	20.6	0.00		
-56	0.02	0.02	0.03	0.08	0.20	0.47	0.72	0.82	0.80	0.75	0.67	0.54	0.33	0.15	0.07	0.03	0.03	0.03	5.75	0.00		
-64	0.02	0.02	0.03	0.07	0.11	0.18	0.20	0.19	0.14	0.13	0.16	0.17	0.16	0.11	0.07	0.04	0.03	0.03	1.84	0.00		
-72	0.02	0.02	0.04	0.06	0.10	0.14	0.12	0.09	0.06	0.06	0.09	0.12	0.13	0.10	0.06	0.04	0.03	0.03	1.29	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.49	1.03	4.39	19.2	83.6	255	490	657	702	654	527	331	149	44.3	11.4	3.57	1.36	0.86	3960			
Φ a	0.00	0.00	0.00	0.00	57.2	236	475	642	687	639	511	314	127	12.6	0.00	0.00	0.00	0.00		3737		

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

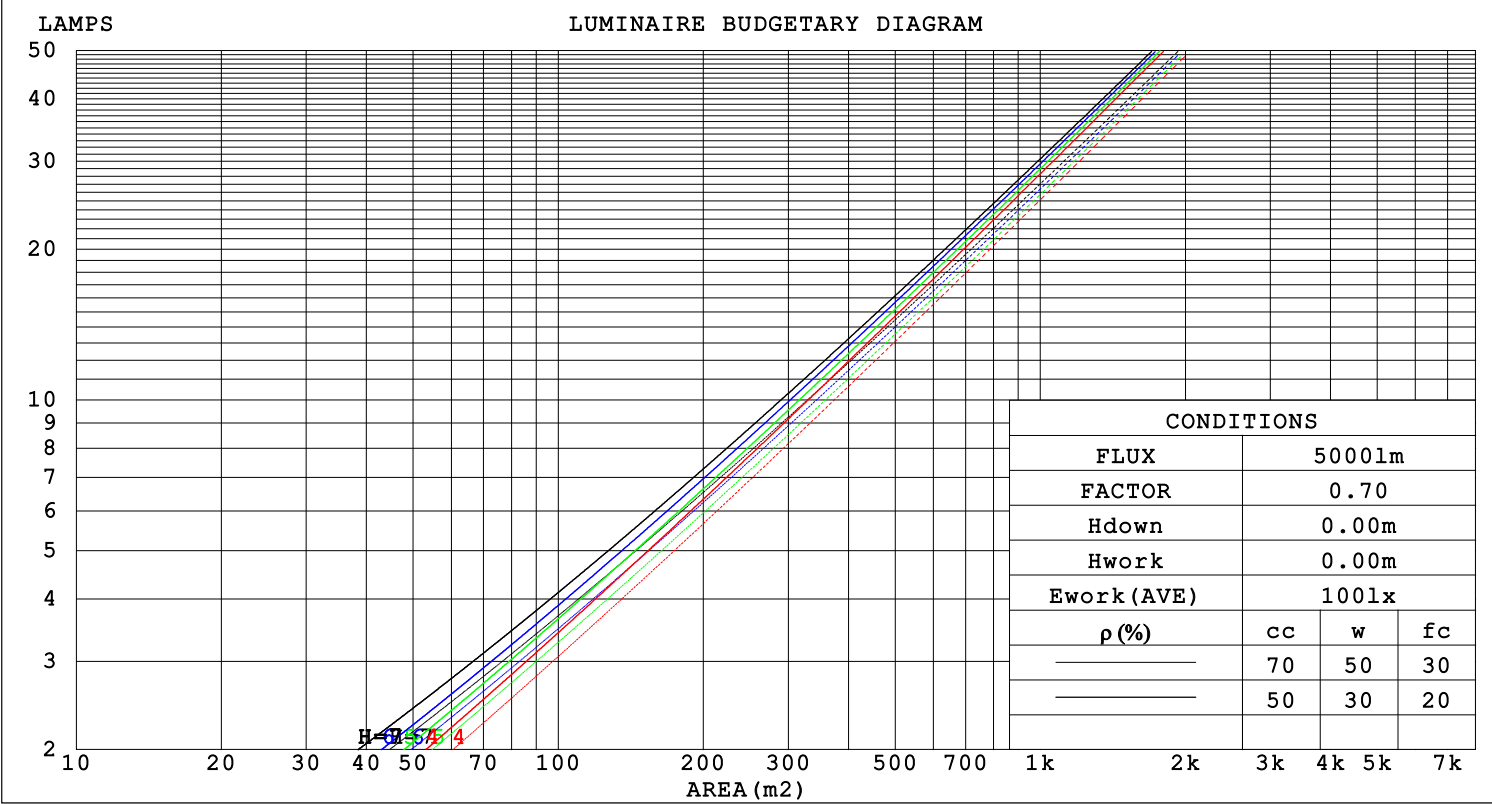
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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%
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Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: FLEXION 150								TYPE: 5700K 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						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
pf _c	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:8.500 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: FLEXION 150					TYPE: 5700K 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	6.5	7.4	6.7	7.6	7.7	8.4	9.3	8.6	9.5	9.6
	3H	6.4	7.2	6.7	7.4	7.6	8.3	9.1	8.5	9.3	9.5
	4H	6.4	7.1	6.6	7.3	7.6	8.2	9.0	8.5	9.2	9.4
	6H	6.4	7.1	6.6	7.3	7.6	8.1	8.8	8.4	9.1	9.3
	8H	6.4	7.1	6.7	7.3	7.6	8.1	8.8	8.4	9.0	9.3
	12H	6.5	7.1	6.8	7.4	7.7	8.1	8.7	8.4	9.0	9.3
4H	2H	6.3	7.1	6.6	7.3	7.5	8.2	9.0	8.5	9.2	9.4
	3H	6.2	6.8	6.5	7.1	7.4	8.0	8.7	8.4	9.0	9.2
	4H	6.1	6.7	6.5	7.0	7.3	8.0	8.6	8.3	8.9	9.2
	6H	6.1	6.7	6.5	7.0	7.3	7.9	8.4	8.3	8.8	9.1
	8H	6.2	6.7	6.6	7.1	7.4	7.9	8.4	8.3	8.7	9.1
	12H	6.4	6.8	6.8	7.2	7.6	7.9	8.3	8.3	8.7	9.1
8H	4H	6.0	6.5	6.4	6.8	7.2	7.8	8.3	8.2	8.7	9.0
	6H	6.0	6.4	6.5	6.8	7.2	7.8	8.2	8.2	8.6	9.0
	8H	6.1	6.5	6.6	6.9	7.3	7.8	8.2	8.3	8.6	9.1
	12H	6.4	6.7	6.8	7.1	7.6	7.9	8.2	8.4	8.6	9.1
12H	4H	6.0	6.4	6.4	6.8	7.2	7.8	8.2	8.2	8.6	9.0
	6H	6.0	6.4	6.5	6.8	7.2	7.8	8.1	8.2	8.6	9.0
	8H	6.1	6.4	6.6	6.9	7.3	7.8	8.1	8.3	8.6	9.0
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 4.8					+ 3.6 / - 7.4				
1.5H		+ 4.1 / - 5.7					+ 5.9 / - 7.3				
2.0H		+ 5.7 / - 2.4					+ 6.0 / - 3.0				

CIE Pub.117 Corrected 3960 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

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:8.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019										
NAME: FLEXION 150					TYPE: 5700K 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	

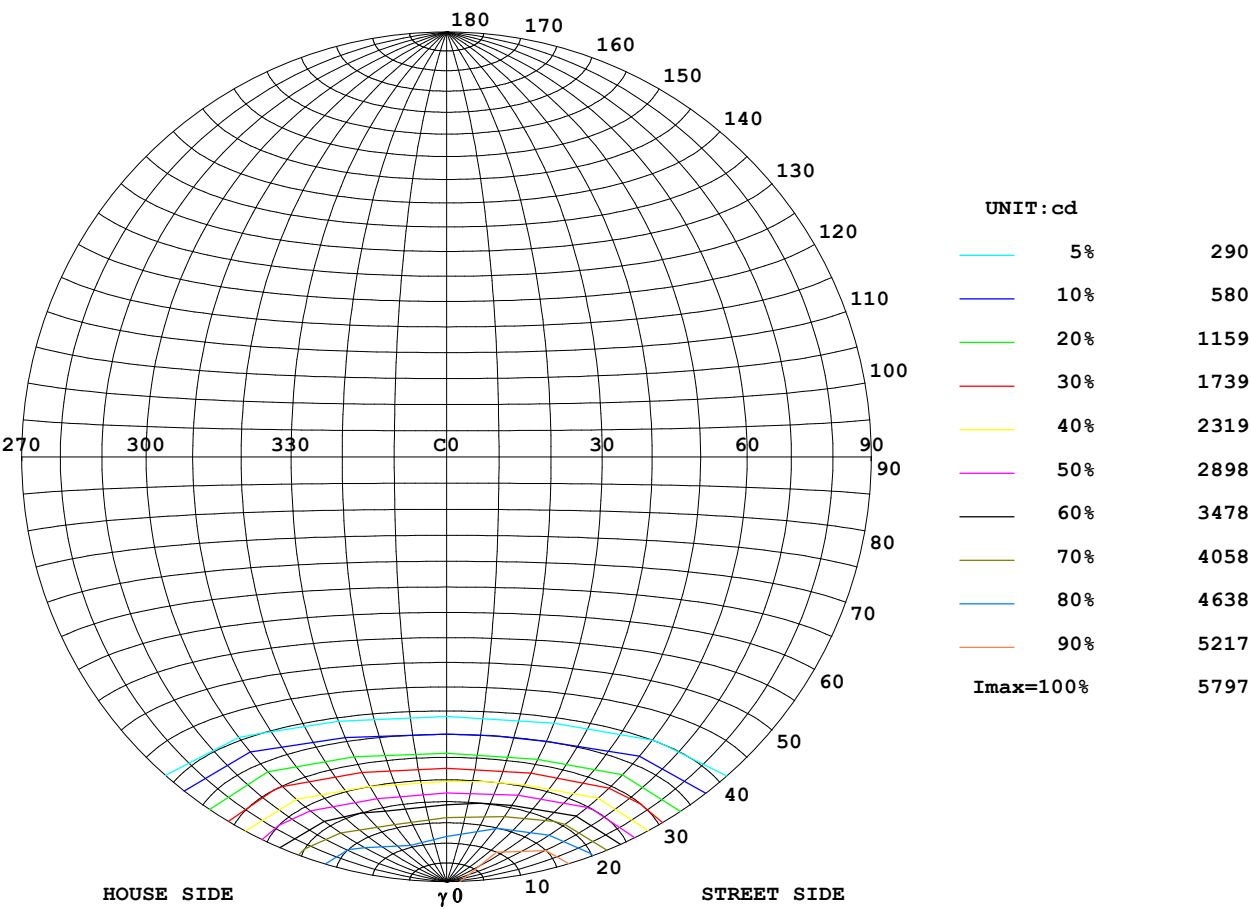
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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

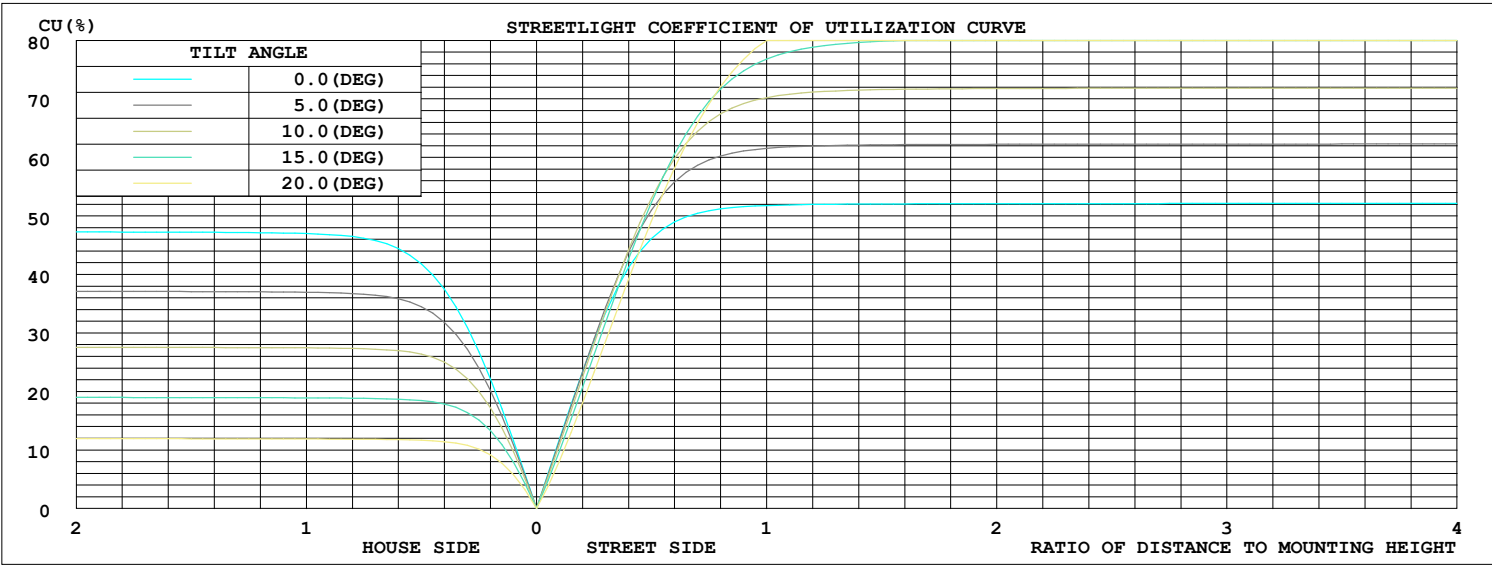
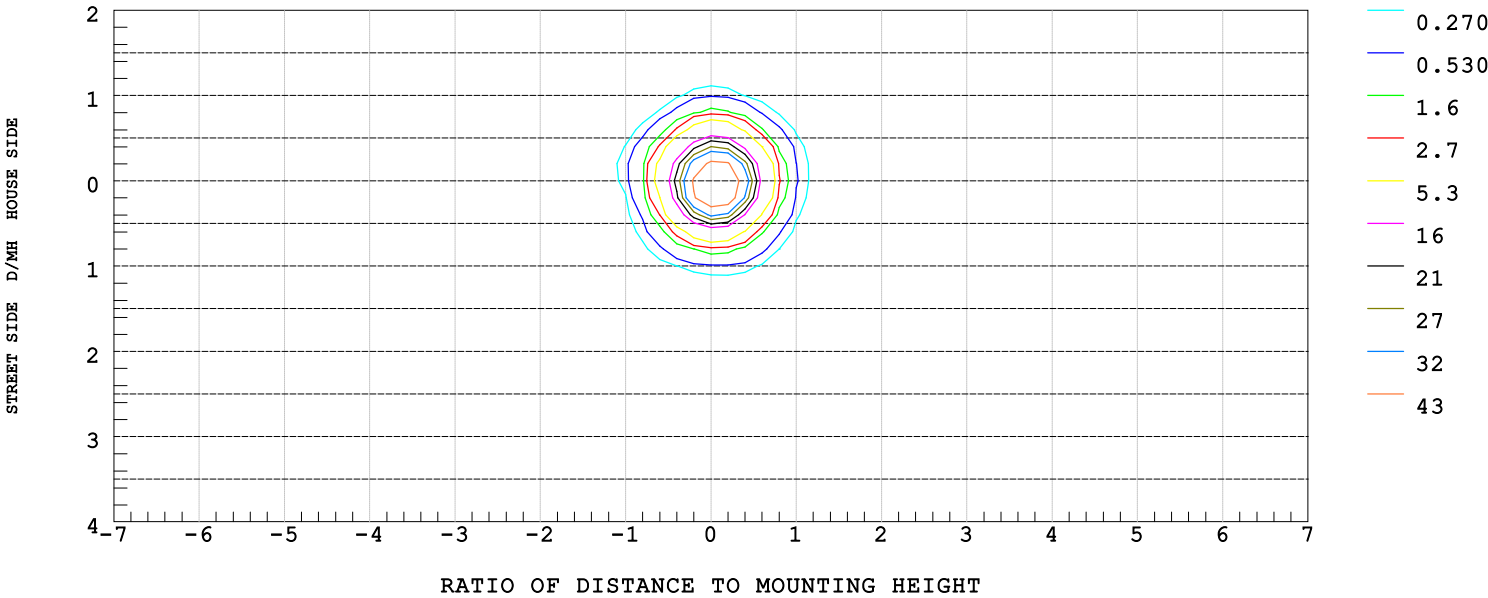
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-162 CUTOUT-150 H-154 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 51.13 lx



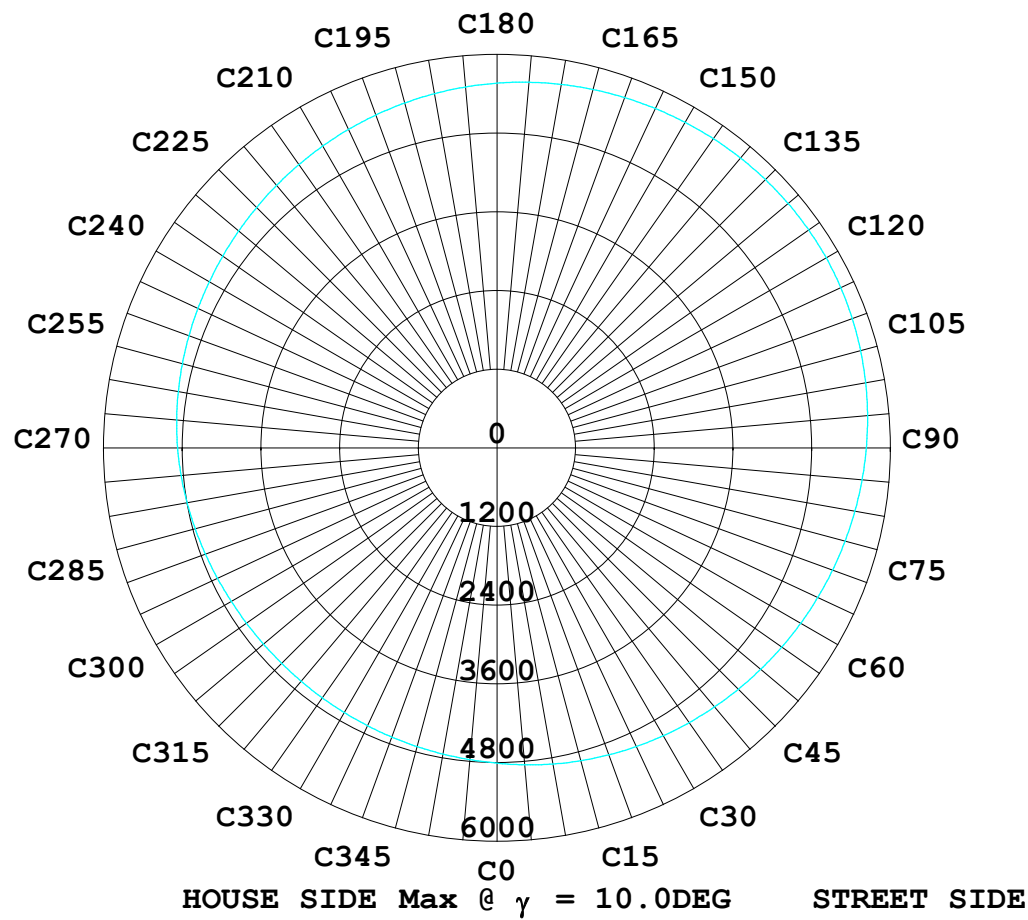
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION 150	TYPE: 5700K 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:8.500 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 150	TYPE: 5700K 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	5113	5106	5117	5124	5121	5131	5113	5106	5117	5124	5121	5131
5.0	4961	5093	5257	5382	5459	5447	5334	5217	5081	4974	4891	4901
10.0	4806	5069	5349	5631	5797	5734	5564	5318	5068	4873	4681	4662
15.0	4288	4614	5066	5503	5795	5735	5556	5223	4863	4541	4202	4167
20.0	3332	3610	4163	4677	5128	5146	5045	4644	4140	3735	3319	3265
25.0	2232	2393	2850	3258	3732	3824	3876	3521	3069	2666	2312	2247
30.0	1277	1319	1612	1858	2147	2269	2396	2194	1909	1714	1414	1372
35.0	585	573	725	837	1055	1079	1178	1152	946	851	646	643
40.0	199	208	284	349	419	407	455	449	357	309	224	249
45.0	104	88.4	126	124	177	154	162	178	122	124	87.8	110
50.0	51.3	36.4	56.6	47.1	77.0	59.3	61.1	75.8	47.2	55.9	36.5	53.3
55.0	24.4	12.9	26.5	18.1	38.0	25.5	26.1	37.3	17.7	26.5	12.9	26.1
60.0	11.4	2.38	11.4	2.74	14.4	4.55	5.63	14.2	2.45	11.4	2.16	11.4
65.0	9.46	2.16	9.32	1.87	9.97	1.95	3.03	9.75	1.66	9.10	2.02	9.39
70.0	8.30	2.23	8.16	1.87	8.52	1.87	3.03	8.23	1.66	7.80	1.73	8.23
75.0	7.15	2.09	7.08	1.87	7.44	1.95	3.10	7.22	1.58	6.79	1.51	6.57
80.0	6.71	2.31	6.57	2.09	6.79	2.09	3.25	6.35	1.66	6.06	1.58	5.92
85.0	6.35	2.60	6.21	2.38	6.28	2.31	3.54	5.78	1.80	5.49	1.73	5.41
90.0	6.14	3.46	5.92	3.17	5.92	3.17	4.98	4.98	2.23	4.84	2.23	4.76

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:8.500 m
Remarks: 5700K