

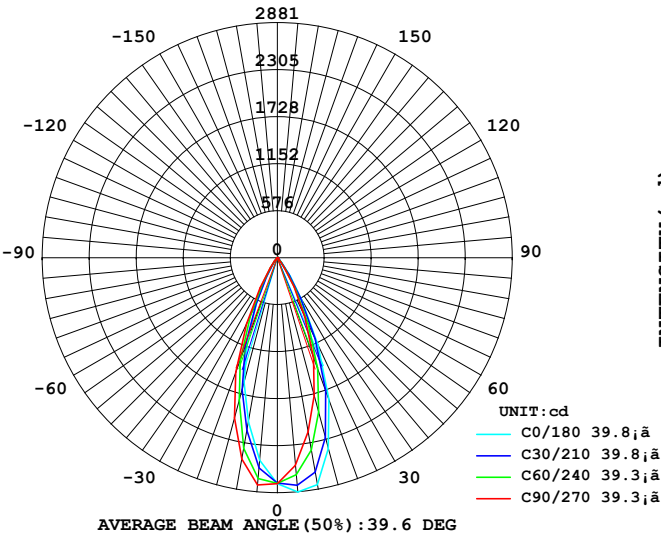
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

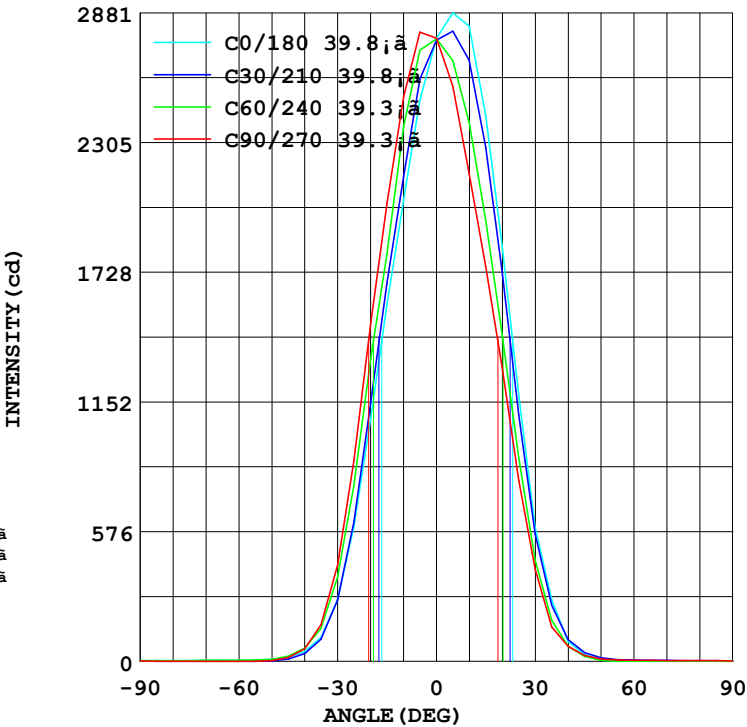
MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2881	S/MH (C0/180)	0.55
MODEL	FLEXION-95	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.65
NOMINAL POWER (W)	14	TOTAL FLUX (lm)	1347.0	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	93.2	Current (A)	0.065
NOMINAL FLUX (lm)	1347.1	η up (%)	0.0	Power (W)	14.45
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.989
TEST VOLTAGE (V)	219.9	Effictive Flux(lm)	1239.2	EEI	0.158

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:

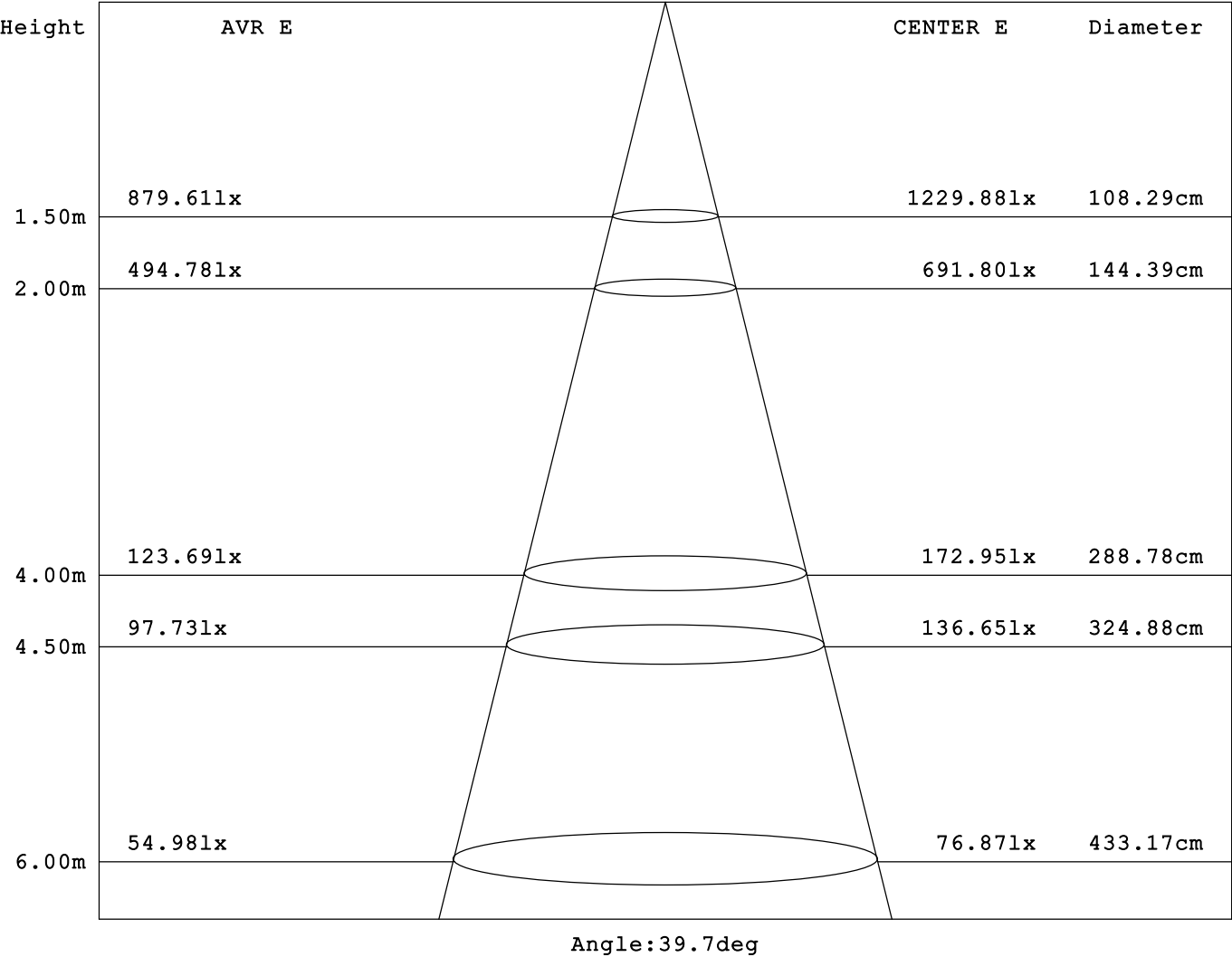
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2047	2263	2506	2712	2822	2532	2167	2001	0- 10	246.0	246.0
20.0	1077	1243	1497	1738	1846	1593	1306	1130	10- 20	533.2	779.2
30.0	275.3	324.7	428.7	555.1	598.1	509.5	411.0	312.9	20- 30	404.3	1184
40.0	44.26	47.19	55.57	79.62	88.53	81.98	66.93	43.81	30- 40	128.6	1312
50.0	8.606	5.878	3.543	9.421	8.831	10.68	10.51	5.259	40- 50	22.13	1334
60.0	5.625	3.375	1.068	3.571	2.137	3.628	5.512	2.981	50- 60	4.402	1339
70.0	4.331	2.671	0.956	2.756	2.081	2.812	4.162	2.334	60- 70	3.041	1342
80.0	3.656	2.390	1.068	2.362	2.193	2.221	3.318	1.996	70- 80	2.659	1345
90.0	3.375	2.531	1.687	2.418	3.150	2.053	2.700	1.884	80- 90	2.540	1347
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:05-07-2025

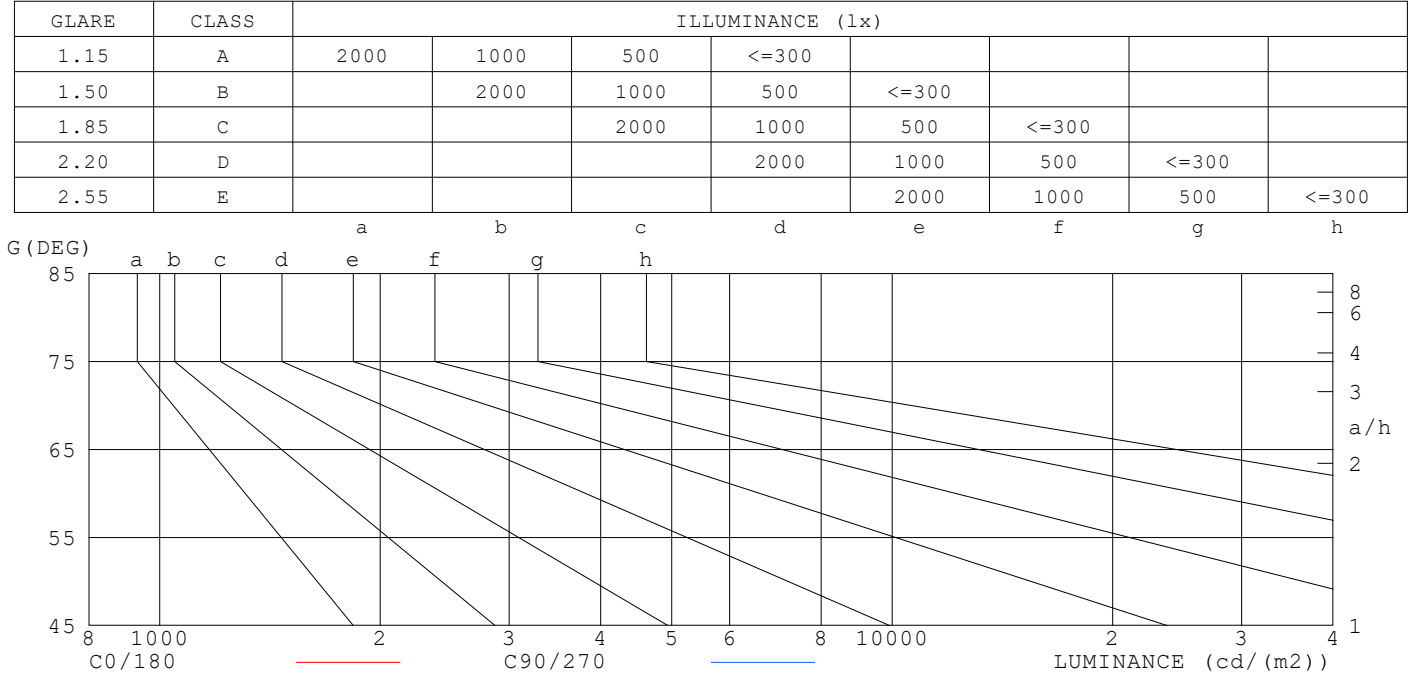
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	407	142
80	211	62
75	154	39
70	127	28
65	116	23
60	112	21
55	116	24
50	134	55
45	260	247

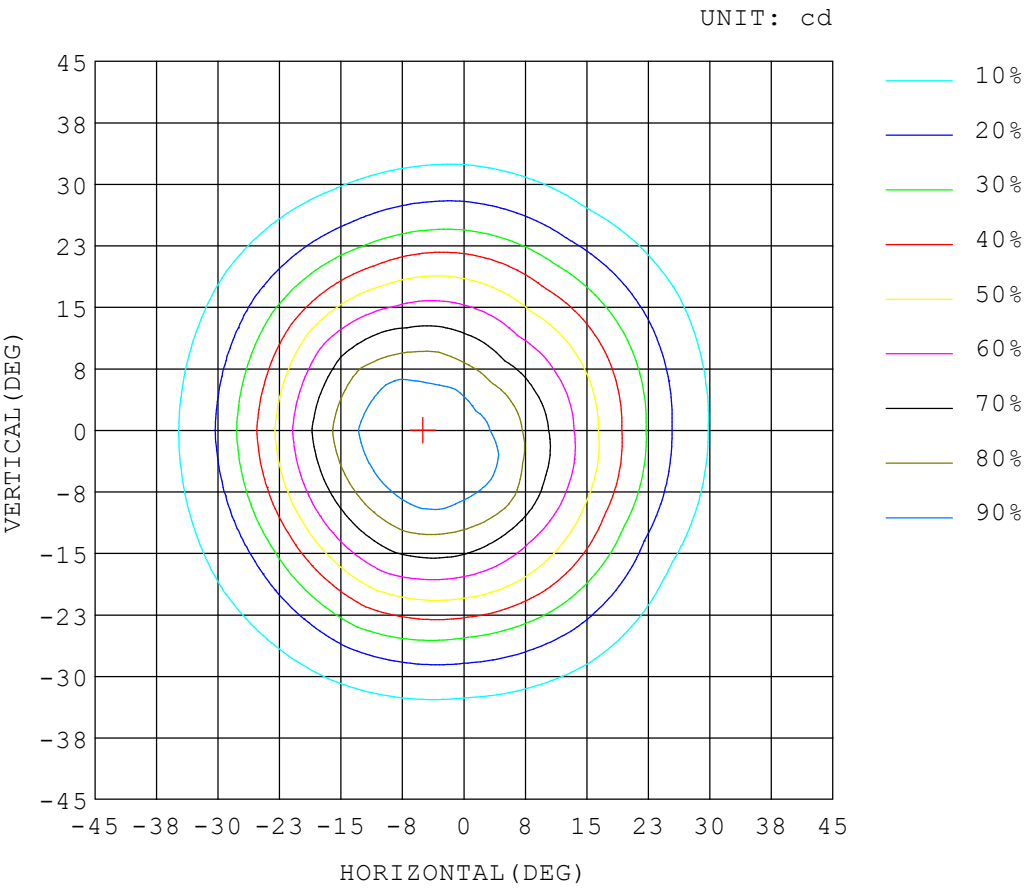
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:



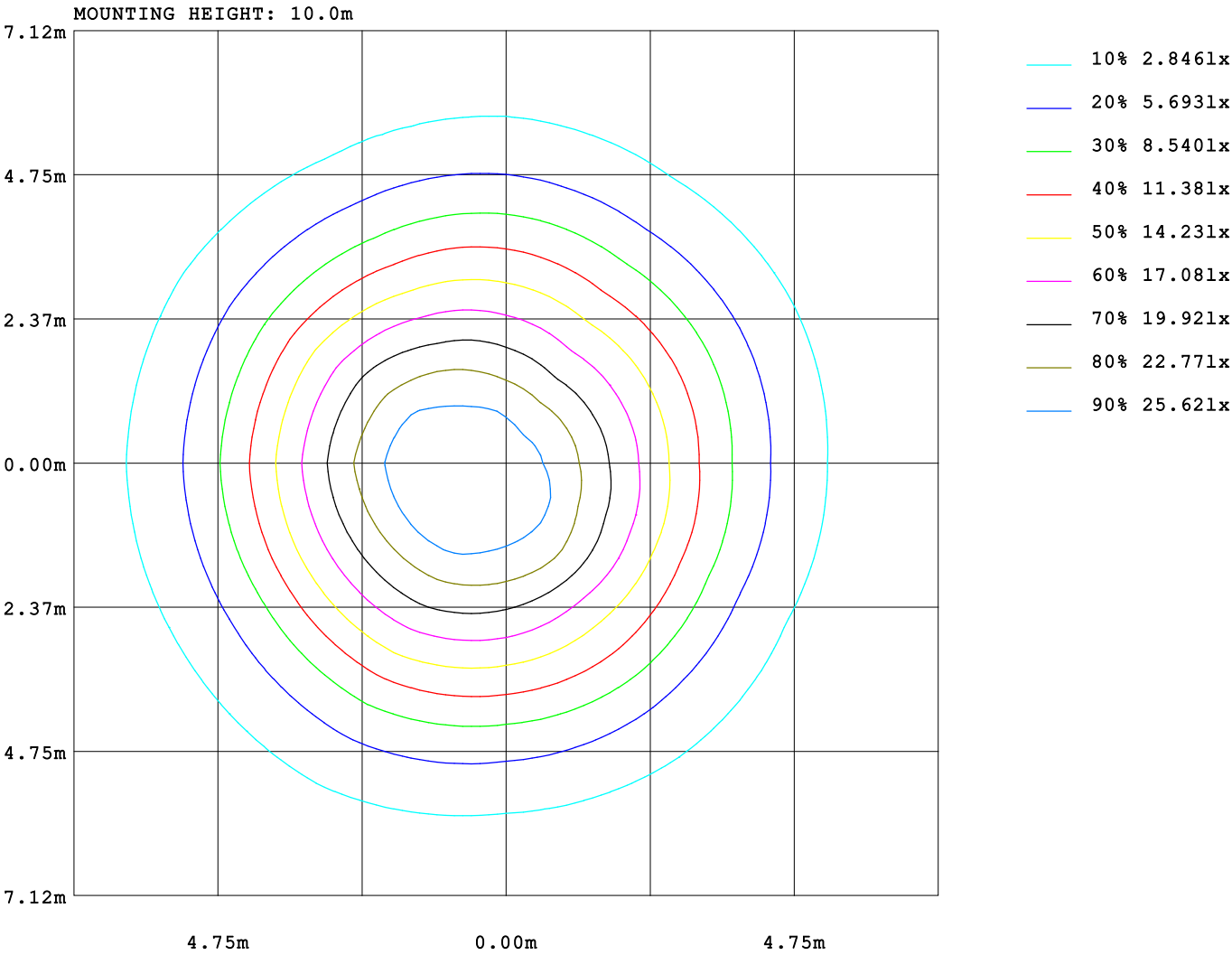
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: FLEXION-95										TYPE: 3000K CRI90					WEIGHT:				
SPECIFICATION: FULHAM-600MA										DIMENSION: D-106 CUTOUT-95 H-119 MM					SERIAL No.:				

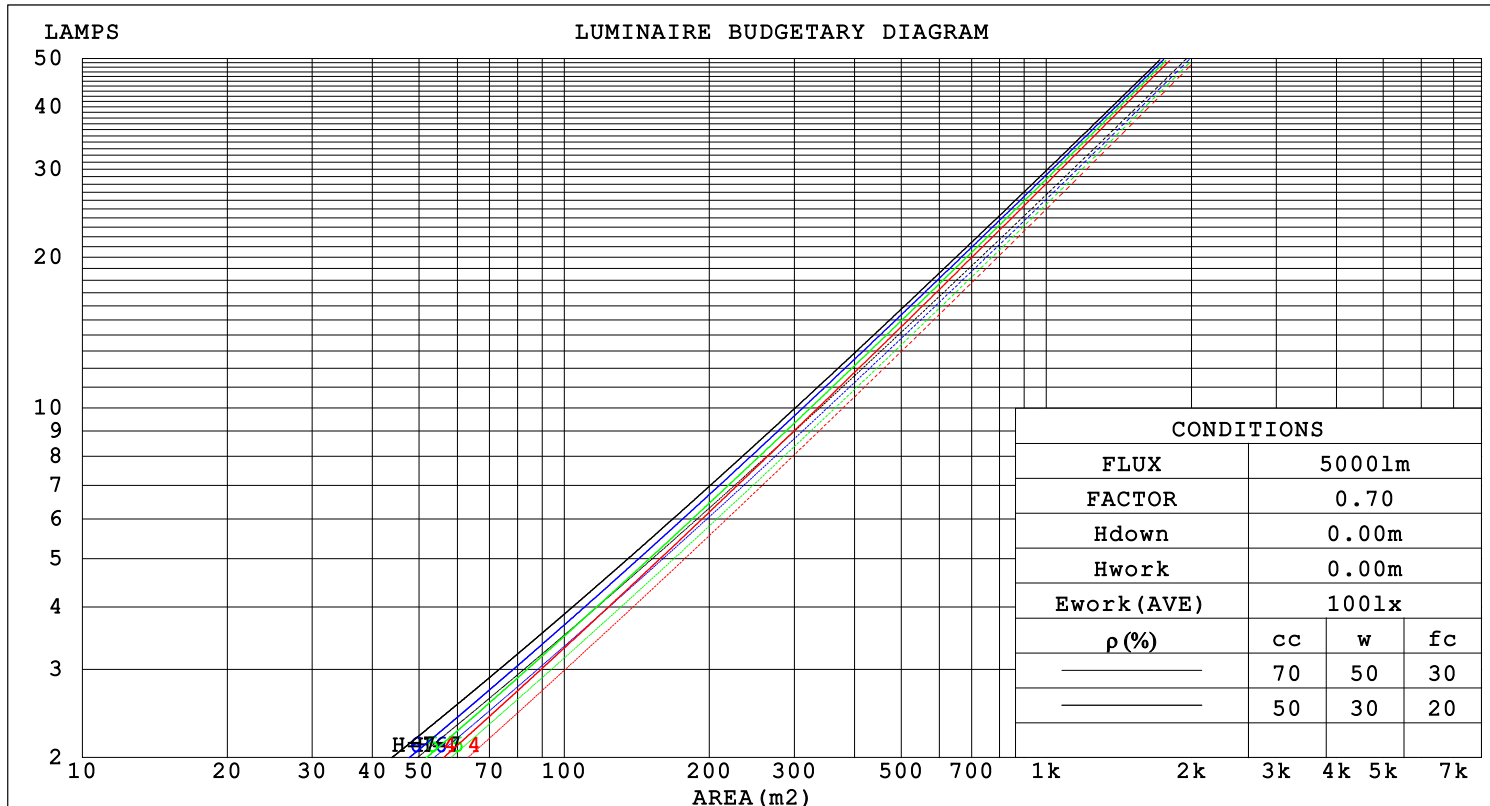
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.03	0.04	0.05	0.08	0.11	0.17	0.25	0.31	0.35	0.33	0.26	0.18	0.11	0.06	0.04	0.03	0.03	0.03	2.45	0.00			
45																							
40	0.05	0.07	0.12	0.20	0.31	0.46	0.64	0.78	0.84	0.79	0.65	0.47	0.29	0.17	0.10	0.06	0.04	0.03	6.07	0.00			
35	0.08	0.14	0.25	0.45	0.74	1.11	1.55	1.94	2.14	2.02	1.63	1.13	0.70	0.42	0.24	0.13	0.07	0.04	14.8	3.70			
30	0.11	0.24	0.48	0.93	1.59	2.49	3.44	4.27	4.63	4.38	3.60	2.56	1.63	0.92	0.49	0.24	0.12	0.06	32.2	25.1			
25	0.16	0.38	0.86	1.71	3.08	4.77	6.39	7.62	8.09	7.65	6.41	4.75	3.18	1.83	0.89	0.42	0.19	0.08	58.4	52.9			
20	0.21	0.54	1.34	2.86	5.11	7.73	10.0	11.4	11.8	11.1	9.50	7.44	5.13	3.04	1.51	0.64	0.27	0.11	89.9	85.6			
15	0.27	0.75	1.91	4.05	7.33	10.9	13.7	15.1	15.3	14.2	12.2	9.95	7.16	4.29	2.15	0.89	0.35	0.14	121	117			
	0.31	0.95	2.42	5.13	9.17	13.5	16.9	18.6	18.4	17.0	14.6	11.9	8.70	5.31	2.68	1.11	0.42	0.16	148	144			
	0.33	1.07	2.73	5.85	10.3	15.0	18.8	20.8	20.7	19.3	16.6	13.2	9.53	5.85	2.94	1.22	0.45	0.18	165	162			
	0.32	1.07	2.74	5.85	10.3	15.1	19.0	21.2	21.5	20.3	17.2	13.5	9.65	5.85	2.91	1.20	0.44	0.17	169	165			
	0.28	0.94	2.45	5.12	9.25	13.7	17.4	19.9	20.4	19.3	16.4	12.7	8.93	5.26	2.57	1.05	0.39	0.15	157	153			
	0.22	0.71	1.97	4.01	7.41	11.4	14.8	17.0	17.5	16.4	14.0	10.9	7.43	4.14	1.97	0.80	0.31	0.12	131	128			
-15	0.16	0.46	1.40	2.90	5.27	8.42	11.4	13.2	13.6	12.8	11.0	8.47	5.45	2.96	1.34	0.54	0.21	0.08	99.9	95.9			
-20	0.10	0.28	0.80	1.87	3.34	5.42	7.60	8.90	9.26	8.71	7.37	5.50	3.49	1.86	0.83	0.34	0.13	0.05	65.9	61.3			
-25	0.06	0.15	0.40	0.99	1.85	3.00	4.15	4.93	5.14	4.81	4.05	2.99	1.90	1.00	0.49	0.21	0.08	0.03	36.2	30.4			
-30	0.03	0.09	0.21	0.44	0.86	1.38	1.87	2.23	2.31	2.16	1.82	1.35	0.89	0.52	0.26	0.12	0.04	0.01	16.6	6.20			
-35	0.02	0.04	0.10	0.21	0.37	0.57	0.74	0.86	0.86	0.81	0.71	0.56	0.40	0.26	0.14	0.07	0.03	0.01	6.75	0.00			
-40	0.01	0.03	0.05	0.10	0.16	0.22	0.27	0.30	0.29	0.28	0.26	0.22	0.17	0.12	0.07	0.04	0.02	0.01	2.64	0.00			
-45																							
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45			
Φ t	2.75	7.97	20.3	42.7	76.7	116	149	170	174	163	139	108	74.8	43.9	21.6	9.11	3.60	1.47	1347				
Φ a	0.00	0.00	12.4	37.1	71.8	111	145	166	170	159	134	104	69.8	37.8	13.3	0.00	0.00	0.00		1239			

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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	1.09	1.07	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.99	.98	.98	.97	.95														
2.0	1.05	1.02	.99	1.04	1.00	.98	1.00	.98	.96	.97	.95	.93	.95	.93	.92	.90														
3.0	.99	.95	.92	.98	.94	.91	.96	.92	.90	.93	.90	.88	.91	.89	.87	.85														
4.0	.94	.90	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.85	.83	.81														
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.77														
6.0	.85	.80	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.74														
7.0	.81	.76	.73	.81	.76	.73	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70														
8.0	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67														
9.0	.74	.69	.66	.74	.69	.66	.73	.69	.66	.72	.68	.66	.72	.68	.65	.64														
10.0	.71	.66	.63	.71	.66	.63	.70	.66	.63	.70	.66	.63	.69	.65	.63	.62														



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														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: FLEXION-95							TYPE: 3000K CRI90					WEIGHT:		
SPECIFICATION: FULHAM-600MA							DIMENSION: D-106 CUTOUT-95 H-119 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	.160	.091	.029	.153	.087	.028	.141	.081	.026	.129	.074	.024	.118	.069	.022	
2.0	.150	.082	.025	.144	.079	.024	.134	.074	.023	.124	.070	.022	.115	.065	.021	
3.0	.141	.075	.022	.136	.073	.022	.128	.069	.021	.120	.066	.020	.112	.062	.019	
4.0	.134	.069	.020	.130	.068	.020	.122	.065	.019	.115	.062	.019	.109	.059	.018	
5.0	.127	.065	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	.105	.056	.017	
6.0	.121	.061	.017	.118	.059	.017	.112	.057	.017	.107	.055	.016	.102	.054	.016	
7.0	.115	.057	.016	.113	.056	.016	.108	.054	.016	.103	.053	.015	.099	.051	.015	
8.0	.110	.054	.015	.108	.053	.015	.104	.052	.015	.099	.050	.015	.096	.049	.014	
9.0	.106	.051	.014	.104	.051	.014	.100	.049	.014	.096	.048	.014	.093	.047	.014	
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.093	.046	.013	.090	.045	.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	.069	.052	.046	.041	.017	.015	.013	
3.0	.140	.113	.093	.120	.098	.080	.082	.068	.056	.047	.040	.033	.015	.013	.011	
4.0	.128	.098	.076	.110	.085	.066	.076	.059	.046	.044	.035	.027	.014	.011	.009	
5.0	.119	.086	.063	.102	.075	.054	.070	.052	.038	.041	.031	.023	.013	.010	.008	
6.0	.111	.077	.053	.095	.067	.046	.066	.047	.032	.038	.027	.019	.012	.009	.006	
7.0	.104	.069	.045	.089	.060	.039	.062	.042	.028	.036	.025	.016	.012	.008	.005	
8.0	.098	.063	.038	.084	.054	.033	.058	.038	.024	.034	.022	.014	.011	.007	.005	
9.0	.093	.057	.033	.080	.050	.029	.055	.035	.021	.032	.021	.012	.010	.007	.004	
10.0	.088	.053	.029	.076	.046	.025	.053	.032	.018	.031	.019	.011	.010	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-07-2025

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										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: FLEXION-95					TYPE: 3000K CRI90			WEIGHT:		
SPECIFICATION: FULHAM-600MA					DIMENSION: D-106 CUTOUT-95 H-119 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	-1.8	-1.0	-1.6	-0.8	-0.7	1.0	1.8	1.2	1.9	2.1
3H	-1.6	-0.9	-1.4	-0.7	-0.5	0.9	1.6	1.1	1.8	2.0
4H	-1.3	-0.6	-1.0	-0.4	-0.2	0.9	1.6	1.1	1.8	2.0
6H	-0.8	-0.1	-0.5	0.1	0.4	0.9	1.5	1.2	1.8	2.0
8H	-0.3	0.4	0.0	0.6	0.9	0.9	1.5	1.2	1.8	2.0
12H	0.4	1.0	0.7	1.3	1.6	0.9	1.5	1.2	1.8	2.1
4H 2H	-1.9	-1.2	-1.7	-1.0	-0.8	0.8	1.5	1.0	1.7	1.9
3H	-1.7	-1.1	-1.4	-0.9	-0.6	0.8	1.4	1.1	1.7	2.0
4H	-1.4	-0.8	-1.0	-0.5	-0.2	0.9	1.5	1.2	1.7	2.1
6H	-0.6	-0.1	-0.3	0.2	0.5	1.0	1.5	1.4	1.9	2.2
8H	0.0	0.5	0.4	0.8	1.2	1.1	1.6	1.5	1.9	2.3
12H	1.0	1.4	1.4	1.8	2.2	1.3	1.7	1.7	2.1	2.5
8H 4H	-1.3	-0.8	-0.9	-0.5	-0.1	0.9	1.3	1.3	1.7	2.1
6H	-0.5	-0.1	-0.1	0.3	0.7	1.3	1.7	1.7	2.1	2.5
8H	0.2	0.6	0.7	1.0	1.4	1.6	2.0	2.1	2.4	2.8
12H	1.4	1.7	1.9	2.2	2.6	2.1	2.4	2.5	2.8	3.3
12H 4H	-1.2	-0.8	-0.8	-0.4	-0.1	0.9	1.3	1.3	1.6	2.0
6H	-0.4	-0.0	0.1	0.4	0.8	1.3	1.7	1.8	2.1	2.5
8H	0.4	0.7	0.9	1.1	1.6	1.8	2.1	2.3	2.5	3.0

Variations with the observer position at spacings:

S = 1.0H	+ 1.6 / - 1.3	+ 1.8 / - 2.1
1.5H	+ 3.3 / - 1.5	+ 3.8 / - 2.3
2.0H	+ 2.0 / - 0.6	+ 1.4 / - 0.8

CIE Pub.117 Corrected 1347 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 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	81	89	84	81	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	105	103	108	104	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

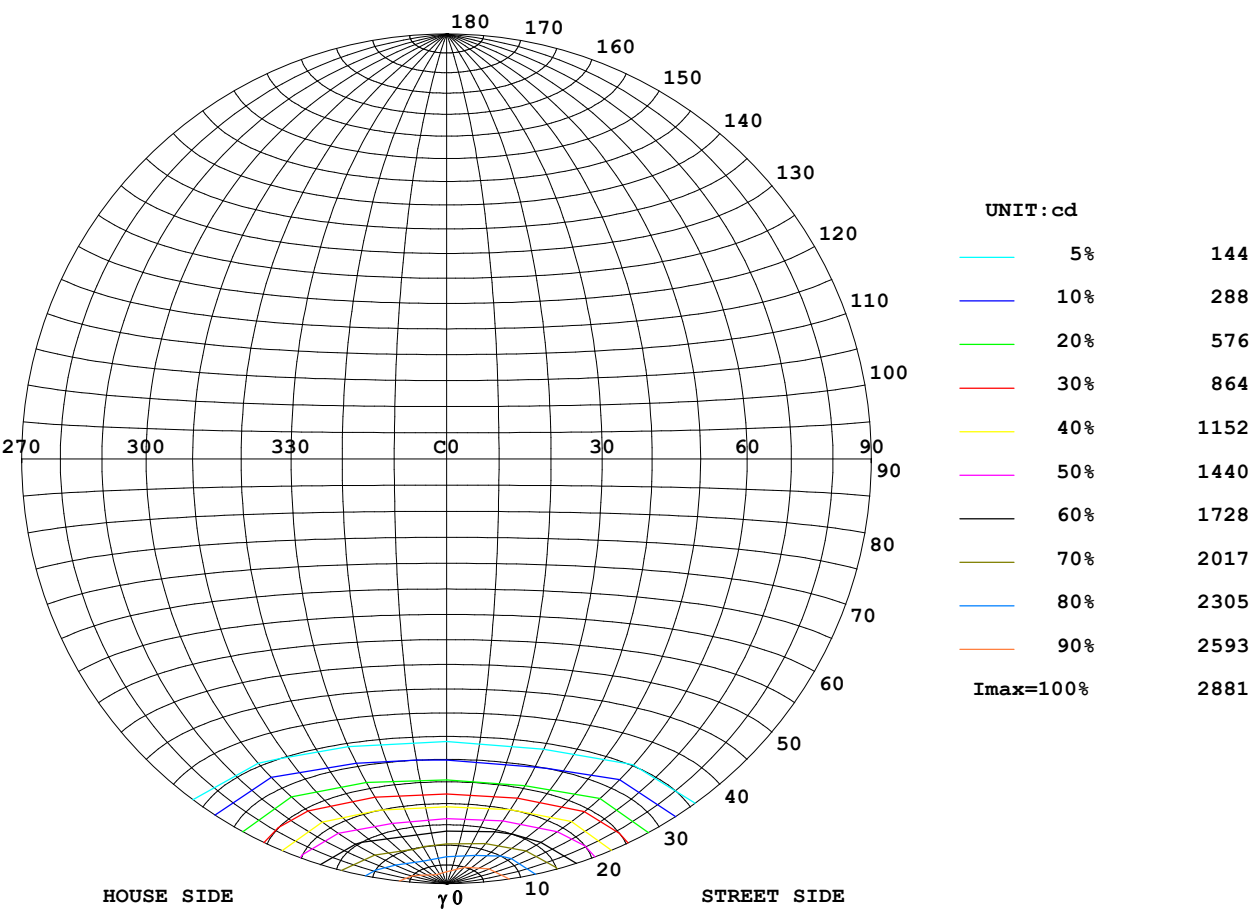
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

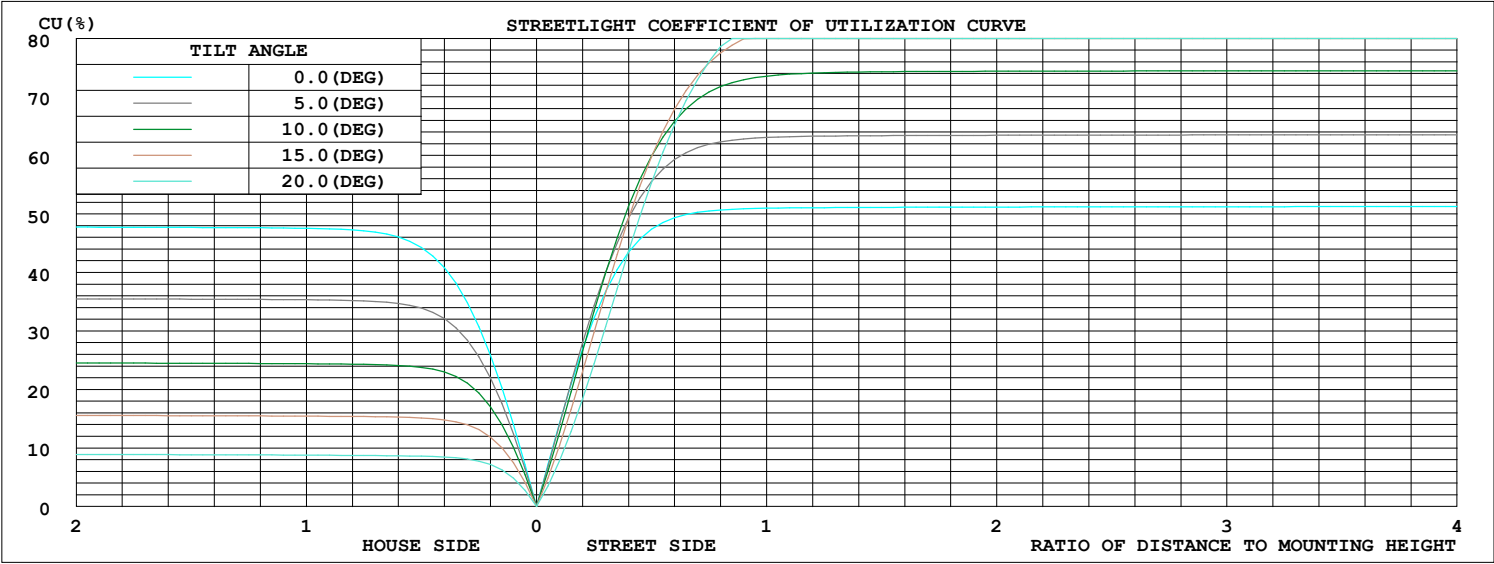
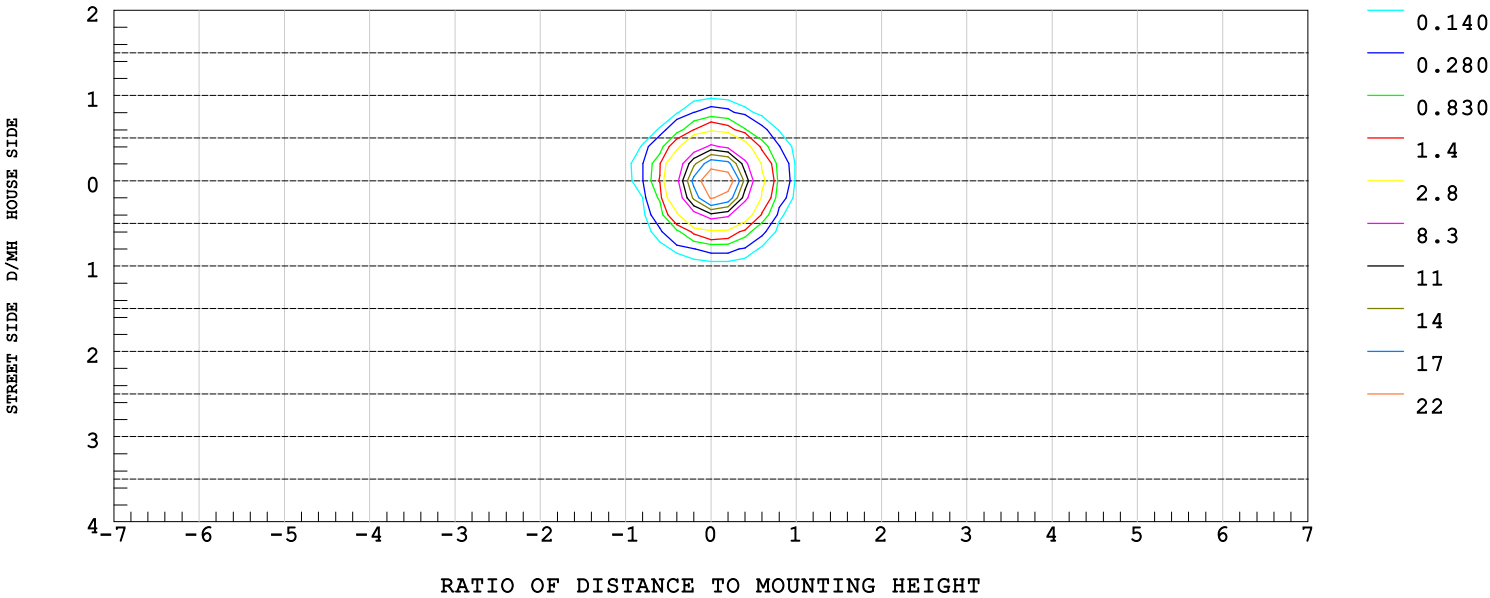
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 27.67 lx



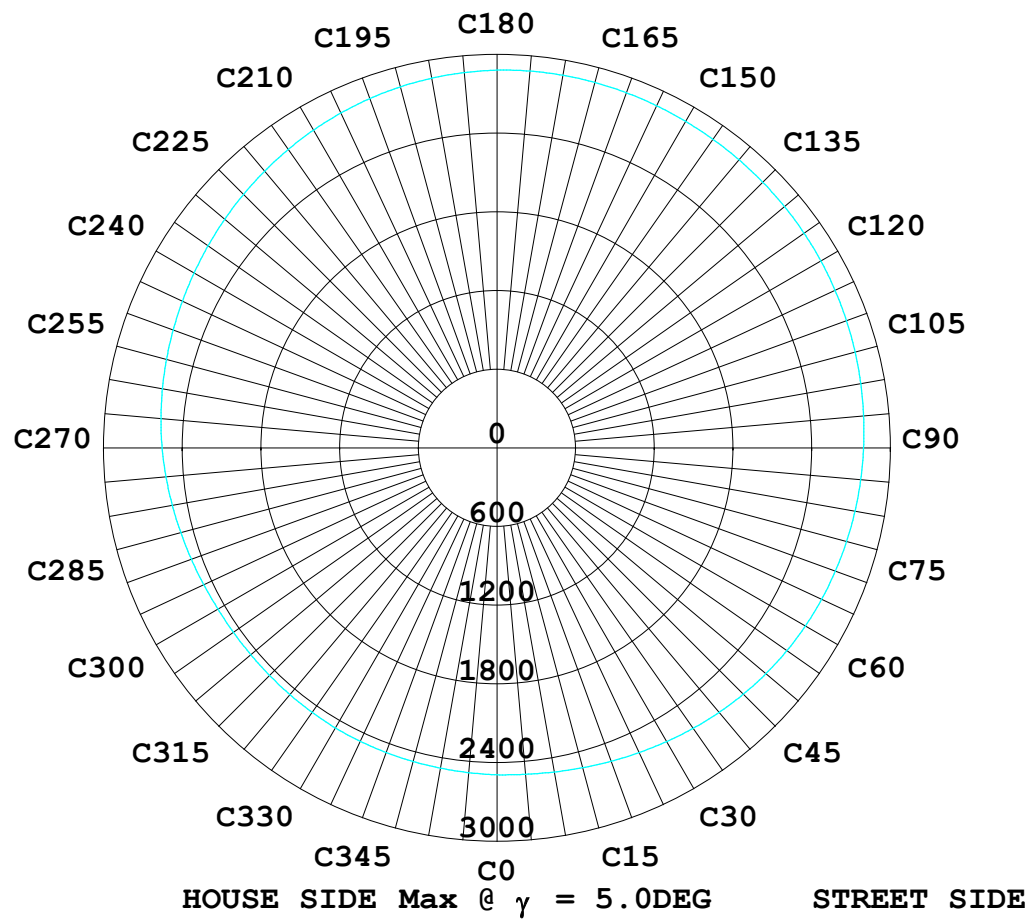
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-07-2025

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		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: FLEXION-95	TYPE: 3000K CRI90	WEIGHT:
SPECIFICATION: FULHAM-600MA	DIMENSION: D-106 CUTOUT-95 H-119 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2767	2760	2764	2767	2758	2763	2767	2760	2764	2767	2758	2763
5.0	2493	2586	2715	2795	2852	2876	2881	2799	2668	2554	2458	2466
10.0	2047	2153	2373	2506	2672	2753	2822	2670	2394	2167	1998	2005
15.0	1584	1679	1809	2032	2237	2323	2423	2282	1957	1752	1580	1575
20.0	1077	1146	1341	1497	1705	1770	1846	1732	1454	1306	1141	1119
25.0	600	620	784	893	1091	1108	1182	1095	905	805	673	647
30.0	275	274	376	429	557	553	598	568	451	411	315	311
35.0	106	99.1	147	162	231	275	274	249	182	153	114	119
40.0	44.2	35.1	59.2	55.5	85.6	73.6	88.5	96.7	67.2	66.9	39.9	47.6
45.0	18.3	11.0	23.8	17.4	31.5	23.2	30.2	39.2	21.4	26.1	11.2	19.4
50.0	8.60	2.02	9.73	3.54	12.8	5.96	8.83	16.0	5.28	10.5	1.96	8.55
55.0	6.63	1.18	6.80	1.35	7.59	1.51	2.64	7.98	1.35	6.75	0.84	6.18
60.0	5.62	1.06	5.68	1.06	6.01	1.12	2.13	6.24	1.01	5.51	0.79	5.17
65.0	4.89	1.06	4.89	0.96	5.11	1.06	2.08	5.28	1.06	4.83	0.79	4.50
70.0	4.33	1.06	4.27	0.96	4.50	1.01	2.08	4.55	1.06	4.16	0.73	3.93
75.0	3.99	1.12	3.88	1.01	4.10	1.01	2.02	3.93	0.79	3.71	0.79	3.54
80.0	3.65	1.23	3.54	1.06	3.71	1.01	2.19	3.54	0.90	3.31	0.84	3.15
85.0	3.54	1.40	3.37	1.23	3.37	1.23	2.30	3.20	0.96	3.03	0.90	2.86
90.0	3.37	1.91	3.15	1.68	3.20	1.63	3.15	2.81	1.29	2.70	1.12	2.64

Test System:HOPOO HPG1800
Temperature:25.3DEG
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