

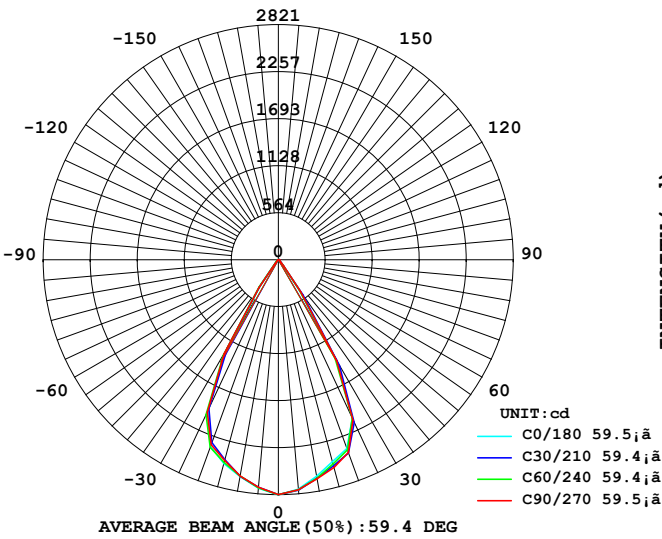
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

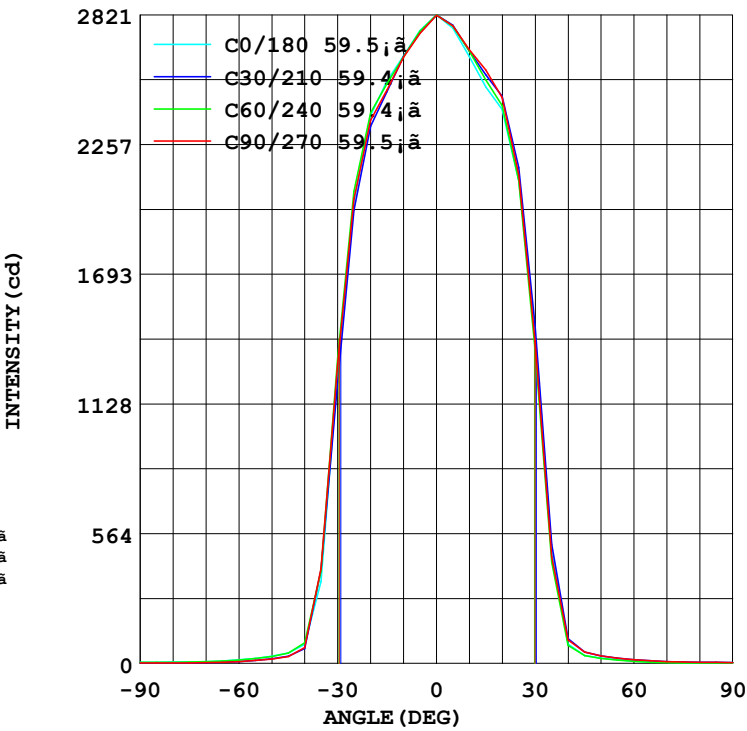
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2826	S/MH (C0/180)	0.85
MODEL	GE 110	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.85
NOMINAL POWER (W)	25	TOTAL FLUX (lm)	2291.8	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	90.6	Current (A)	0.113
NOMINAL FLUX (lm)	2291.8	η up (%)	0.0	Power (W)	25.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	2160.4	EEI	0.160

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:

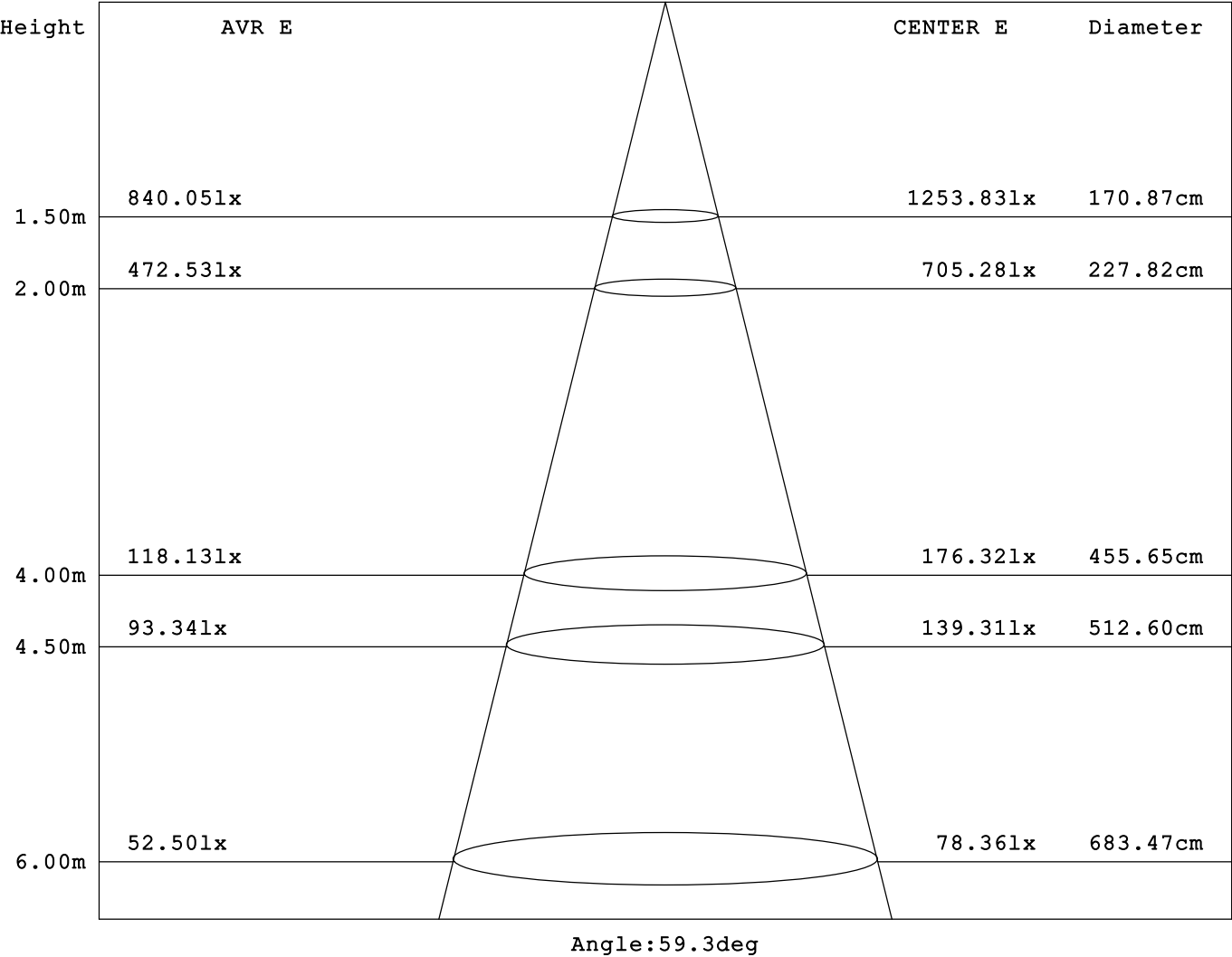
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

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Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2643	2639	2636	2634	2641	2665	2671	2657	0- 10	260.1	260.1
20.0	2384	2365	2363	2394	2410	2447	2461	2409	10- 20	713.5	973.6
30.0	1272	1275	1300	1365	1433	1417	1399	1330	20- 30	900.0	1874
40.0	83.24	76.78	69.12	80.85	84.04	92.92	102.5	85.12	30- 40	348.4	2222
50.0	30.93	24.97	19.02	25.48	22.72	27.33	32.94	26.49	40- 50	36.23	2258
60.0	15.46	11.66	8.001	11.93	10.01	12.60	16.13	12.00	50- 60	16.53	2275
70.0	8.068	5.446	2.891	5.547	4.437	5.681	8.136	5.345	60- 70	8.475	2283
80.0	5.715	3.698	1.815	3.630	2.824	3.294	5.110	3.193	70- 80	4.596	2288
90.0	5.043	3.799	2.622	3.698	4.168	2.992	4.101	2.958	80- 90	3.845	2292
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:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

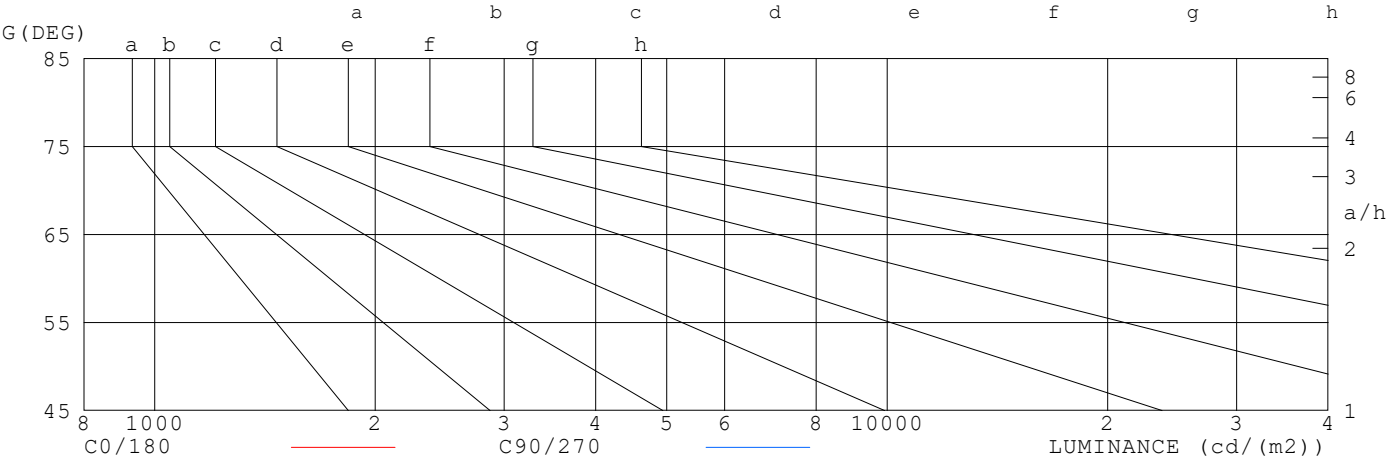
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	609	231
80	329	105
75	244	73
70	236	85
65	261	113
60	309	160
55	379	220
50	481	296
45	649	417

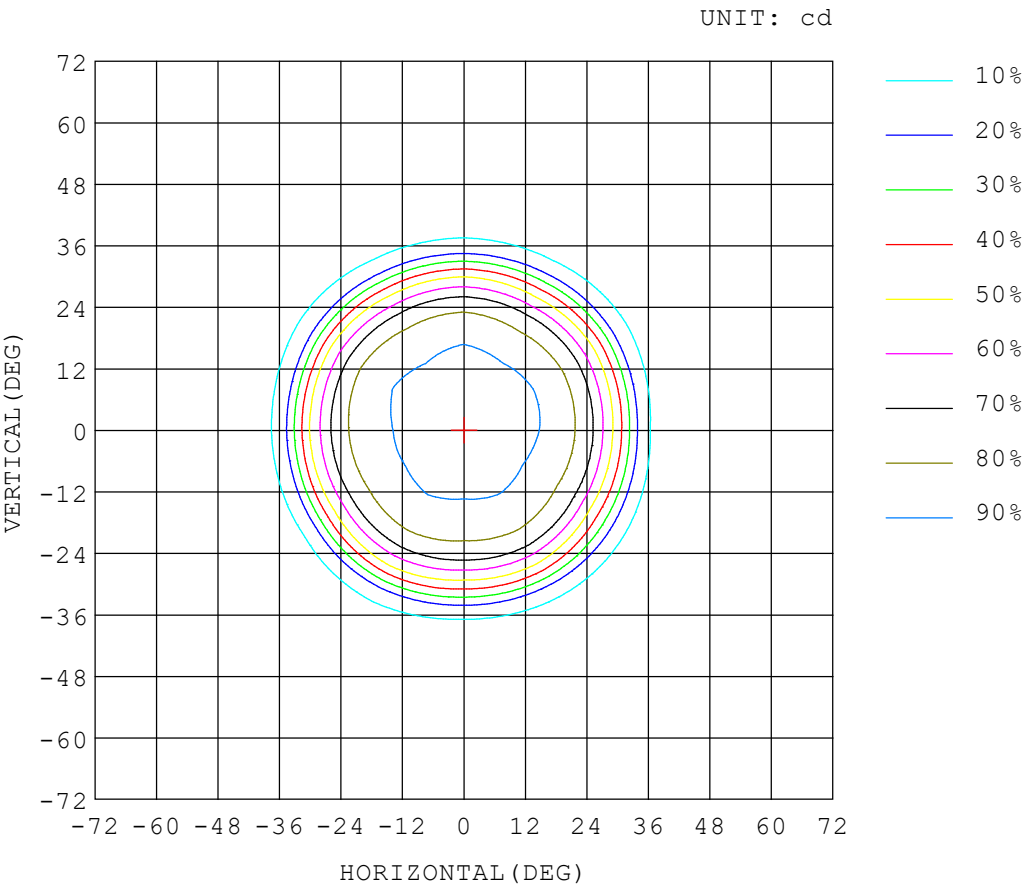
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:



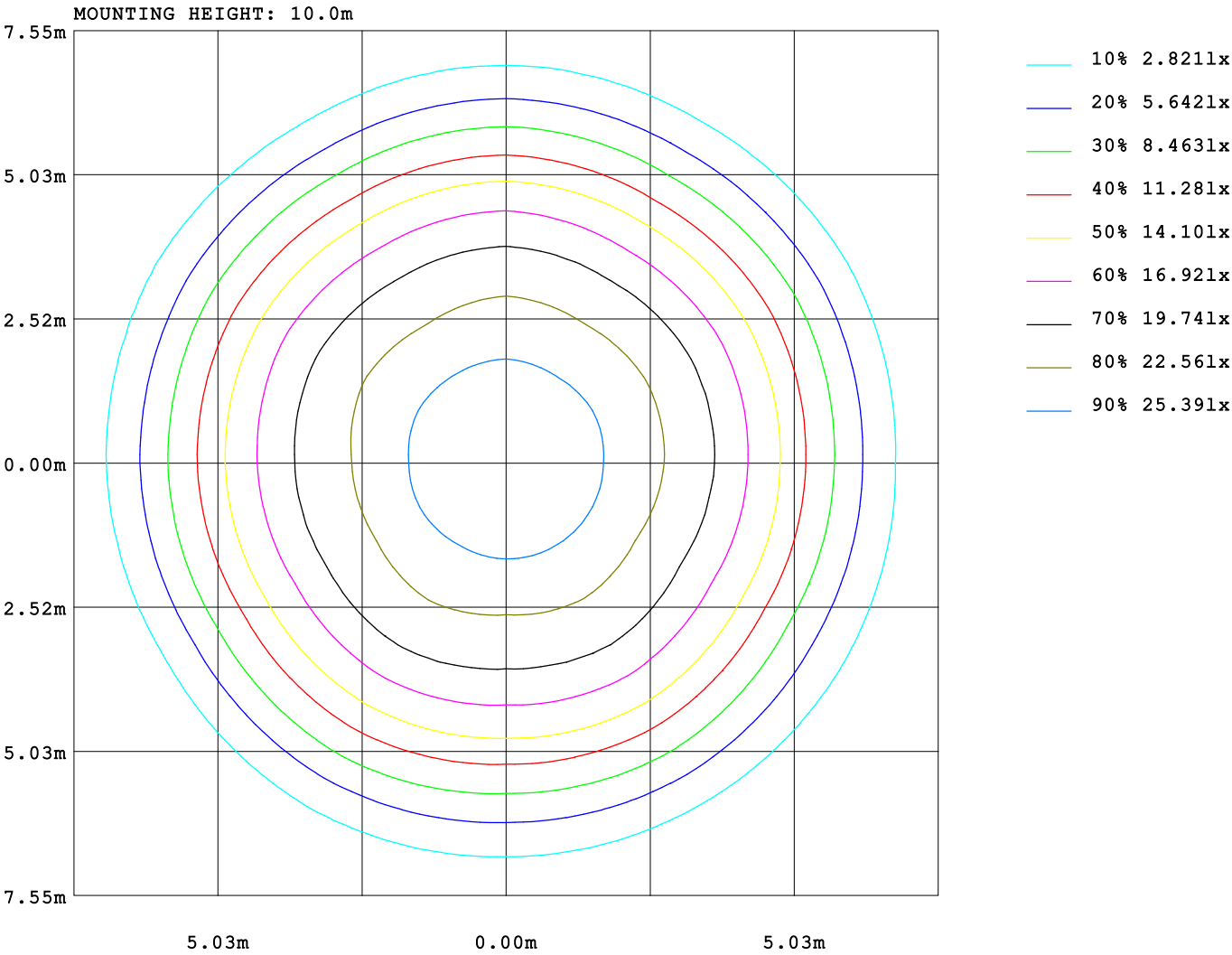
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: GE 110 DOWNLIGHTER										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 800 MA										DIMENSION: D-124 CUTOUT-114 H-130 MM					SERIAL No.:				

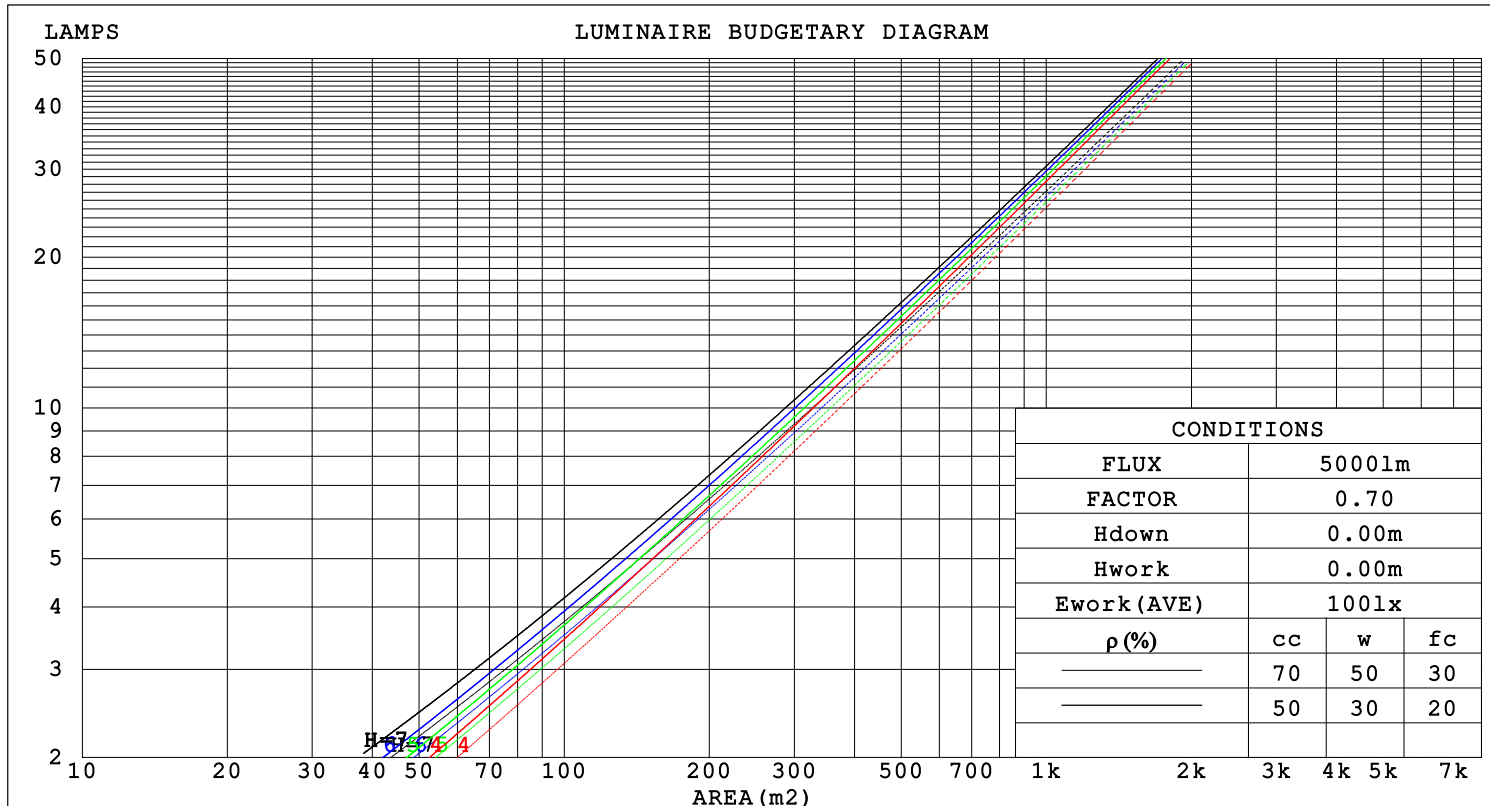
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.05	0.06	0.06	0.06	0.06	0.09	0.13	0.17	0.17	0.13	0.09	0.05	0.06	0.06	0.06	0.05	0.04	1.40	0.00		
64	0.03	0.06	0.08	0.10	0.11	0.12	0.17	0.24	0.30	0.30	0.23	0.16	0.11	0.10	0.09	0.08	0.06	0.04	2.36	0.00		
56	0.03	0.07	0.11	0.15	0.19	0.22	0.30	0.42	0.53	0.53	0.42	0.29	0.21	0.18	0.15	0.11	0.07	0.04	4.03	0.00		
48	0.04	0.08	0.15	0.23	0.32	0.41	0.55	0.86	1.15	1.14	0.85	0.54	0.40	0.31	0.22	0.15	0.09	0.05	7.52	0.00		
40	0.04	0.09	0.19	0.34	0.52	0.86	2.16	5.17	8.18	8.07	4.95	2.02	0.82	0.50	0.32	0.19	0.10	0.05	34.6	21.2		
32	0.04	0.10	0.22	0.44	0.94	3.76	12.8	24.3	31.3	31.0	23.4	11.9	3.34	0.88	0.44	0.23	0.12	0.06	146	138		
24	0.04	0.11	0.25	0.54	2.29	12.9	30.7	41.7	46.2	46.0	40.9	29.2	11.6	2.01	0.57	0.28	0.14	0.06	266	260		
VERTICAL (DEG)	0.04	0.11	0.26	0.65	4.84	23.3	40.8	47.7	50.5	50.5	47.3	39.5	21.4	4.01	0.71	0.31	0.15	0.07	333	328		
	0.04	0.11	0.25	0.71	7.07	28.3	43.3	49.3	53.2	53.1	49.3	42.6	26.2	5.73	0.79	0.33	0.15	0.07	361	356		
	0.04	0.10	0.24	0.66	6.80	27.8	42.7	48.7	52.8	52.8	48.8	42.0	25.7	5.61	0.74	0.32	0.15	0.07	356	352		
	0.04	0.09	0.21	0.54	4.19	21.7	39.0	46.8	49.8	49.8	46.5	38.0	20.0	3.72	0.60	0.27	0.13	0.06	322	317		
-24	0.03	0.08	0.18	0.39	1.70	11.3	29.4	41.1	44.9	44.8	40.6	28.2	10.6	1.63	0.43	0.22	0.11	0.05	256	251		
-32	0.03	0.07	0.14	0.28	0.64	3.20	12.5	24.2	30.0	29.7	23.3	11.6	3.06	0.62	0.29	0.16	0.09	0.05	140	134		
-40	0.02	0.05	0.11	0.21	0.41	0.83	2.30	5.06	7.49	7.34	4.74	2.15	0.81	0.40	0.21	0.11	0.07	0.04	32.3	19.5		
-48	0.02	0.04	0.07	0.16	0.29	0.48	0.69	0.81	0.83	0.83	0.80	0.68	0.47	0.28	0.15	0.07	0.05	0.03	6.75	0.00		
-56	0.02	0.03	0.05	0.11	0.20	0.31	0.39	0.39	0.36	0.35	0.39	0.38	0.31	0.20	0.11	0.05	0.03	0.03	3.69	0.00		
-64	0.02	0.02	0.04	0.08	0.13	0.20	0.22	0.21	0.18	0.18	0.21	0.22	0.20	0.13	0.08	0.04	0.02	0.02	2.20	0.00		
-72	0.02	0.02	0.03	0.06	0.09	0.13	0.13	0.11	0.09	0.09	0.11	0.13	0.13	0.09	0.06	0.03	0.02	0.02	1.36	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.58	1.26	2.64	5.70	30.8	136	259	338	379	377	333	250	126	26.5	6.01	3.02	1.59	0.84	2292			
Φ a	0.00	0.00	0.00	0.00	19.6	129	252	331	372	371	327	243	118	13.8	0.00	0.00	0.00	0.00		2160		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94														
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88														
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.83														
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.82	.79	.78														
5.0	.86	.81	.77	.85	.80	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73														
6.0	.81	.76	.72	.81	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69														
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.70	.66	.73	.69	.66	.65														
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61														
9.0	.69	.63	.60	.69	.63	.60	.68	.63	.59	.67	.62	.59	.66	.62	.59	.58														
10.0	.66	.60	.56	.65	.60	.56	.64	.59	.56	.64	.59	.56	.63	.59	.56	.55														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GE 110 DOWNLIGHTER								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 800 MA								DIMENSION: D-124 CUTOUT-114 H-130 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	.172	.098	.031	.165	.094	.030	.153	.088	.028	.141	.081	.026	.130	.076	.024	
2.0	.163	.089	.027	.157	.087	.027	.147	.082	.025	.137	.077	.024	.128	.072	.023	
3.0	.154	.082	.025	.150	.080	.024	.141	.076	.023	.132	.073	.022	.125	.069	.021	
4.0	.147	.076	.022	.143	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020	
5.0	.140	.071	.021	.136	.070	.020	.130	.068	.020	.123	.065	.019	.118	.063	.019	
6.0	.134	.067	.019	.131	.066	.019	.125	.064	.019	.119	.062	.018	.114	.060	.018	
7.0	.128	.063	.018	.125	.062	.018	.120	.061	.017	.115	.059	.017	.110	.057	.017	
8.0	.123	.060	.017	.120	.059	.017	.115	.058	.016	.111	.056	.016	.107	.055	.016	
9.0	.118	.057	.016	.115	.056	.016	.111	.055	.016	.107	.054	.015	.104	.053	.015	
10.0	.113	.054	.015	.111	.054	.015	.107	.053	.015	.104	.052	.015	.101	.051	.015	

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	.145	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.133	.114	.098	.091	.079	.068	.052	.046	.040	.017	.015	.013	
3.0	.142	.114	.091	.122	.098	.079	.084	.068	.055	.048	.040	.032	.016	.013	.011	
4.0	.132	.099	.074	.113	.085	.064	.078	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.123	.087	.061	.105	.075	.053	.073	.053	.037	.042	.031	.022	.014	.010	.007	
6.0	.115	.078	.051	.099	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
7.0	.109	.070	.043	.093	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.089	.055	.032	.061	.039	.023	.036	.023	.014	.012	.008	.004	
9.0	.098	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.200 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: GE 110 DOWNLIGHTER					TYPE: 3000K CRI-90			WEIGHT:		
SPECIFICATION: FULHAM 800 MA					DIMENSION: D-124 CUTOUT-114 H-130 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	5.1	6.0	5.3	6.2	6.3	5.7	6.6	5.9	6.8	6.9	
3H	5.0	5.9	5.3	6.1	6.3	5.6	6.4	5.9	6.6	6.8	
4H	5.0	5.8	5.3	6.0	6.3	5.5	6.3	5.8	6.5	6.8	
6H	5.1	5.9	5.4	6.1	6.3	5.5	6.2	5.8	6.5	6.7	
8H	5.2	5.9	5.5	6.2	6.4	5.5	6.2	5.8	6.4	6.7	
12H	5.4	6.1	5.7	6.3	6.6	5.5	6.1	5.8	6.4	6.7	
4H	2H	4.9	5.7	5.2	5.9	6.1	5.5	6.3	5.8	6.5	6.7
	3H	4.9	5.5	5.2	5.8	6.1	5.5	6.1	5.8	6.4	6.7
	4H	4.9	5.5	5.2	5.8	6.1	5.4	6.0	5.8	6.3	6.7
	6H	5.0	5.5	5.4	5.9	6.2	5.4	6.0	5.8	6.3	6.7
	8H	5.1	5.6	5.5	6.0	6.4	5.4	5.9	5.8	6.3	6.7
	12H	5.4	5.9	5.8	6.3	6.7	5.5	6.0	5.9	6.3	6.7
8H	4H	4.8	5.3	5.2	5.6	6.0	5.3	5.8	5.7	6.2	6.6
	6H	4.9	5.3	5.4	5.7	6.1	5.5	5.9	5.9	6.3	6.7
	8H	5.1	5.5	5.6	5.9	6.3	5.6	5.9	6.0	6.3	6.8
	12H	5.5	5.8	6.0	6.3	6.7	5.7	6.1	6.2	6.5	7.0
12H	4H	4.8	5.2	5.2	5.6	6.0	5.3	5.8	5.7	6.1	6.5
	6H	4.9	5.3	5.4	5.7	6.2	5.4	5.8	5.9	6.2	6.7
	8H	5.1	5.5	5.6	5.9	6.4	5.6	5.9	6.1	6.4	6.8

Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 1.2					+ 1.3 / - 1.5				
1.5H	+ 2.8 / - 1.8					+ 2.5 / - 1.7				
2.0H	+ 2.5 / - 1.4					+ 1.1 / - 1.4				

CIE Pub.117 Corrected 2292 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.200 m
 Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: GE 110 DOWNLIGHTER					TYPE: 3000K CRI-90			WEIGHT:		
SPECIFICATION: FULHAM 800 MA					DIMENSION: D-124 CUTOUT-114 H-130 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	80	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	96	103	99	96	101	98	95	91
1.50	107	103	99	106	102	99	104	100	98	94
2.00	109	105	102	108	104	102	105	102	100	95
2.50	111	107	104	109	106	104	106	104	102	96
3.00	112	109	106	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	109	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended			SHRNOM = 1.25		

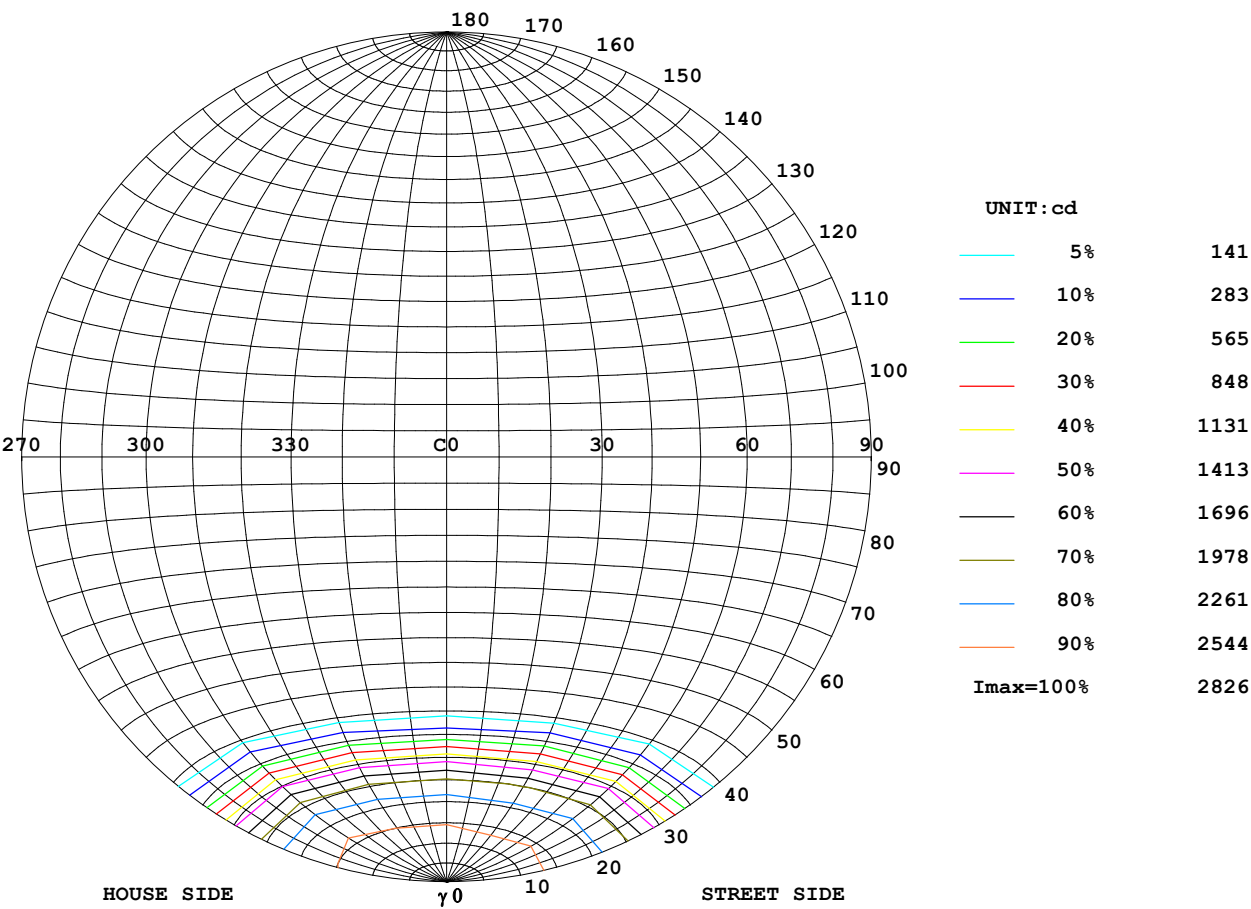
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

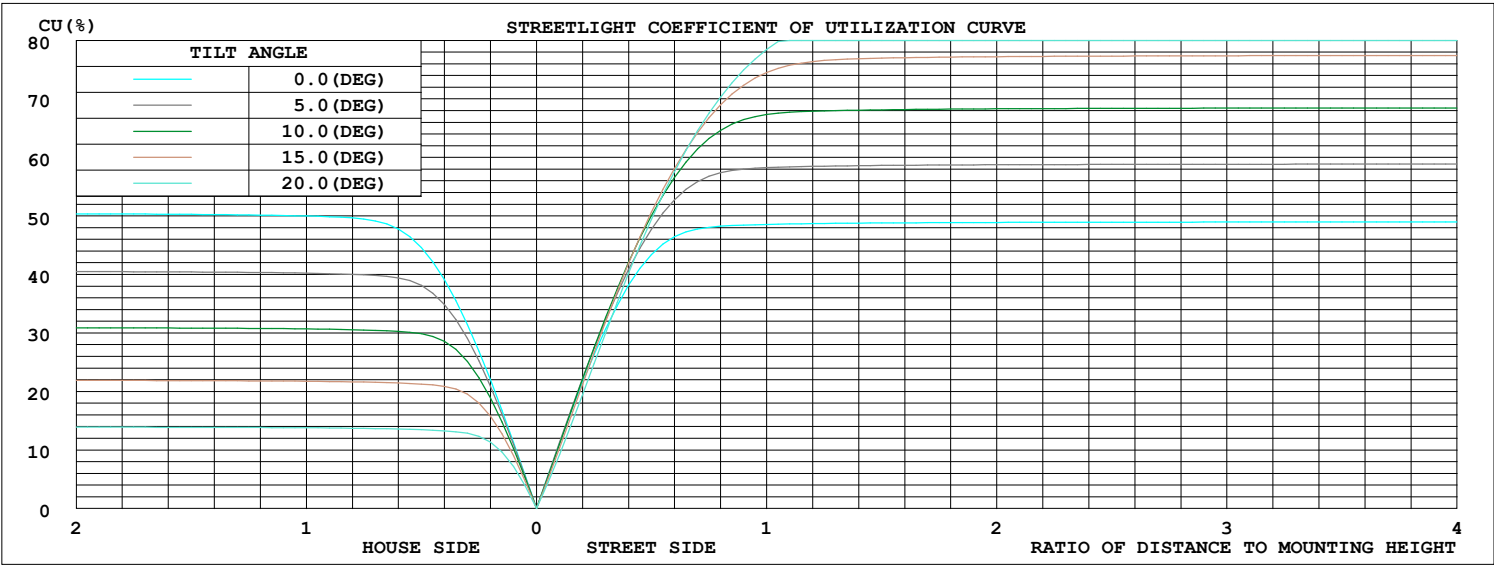
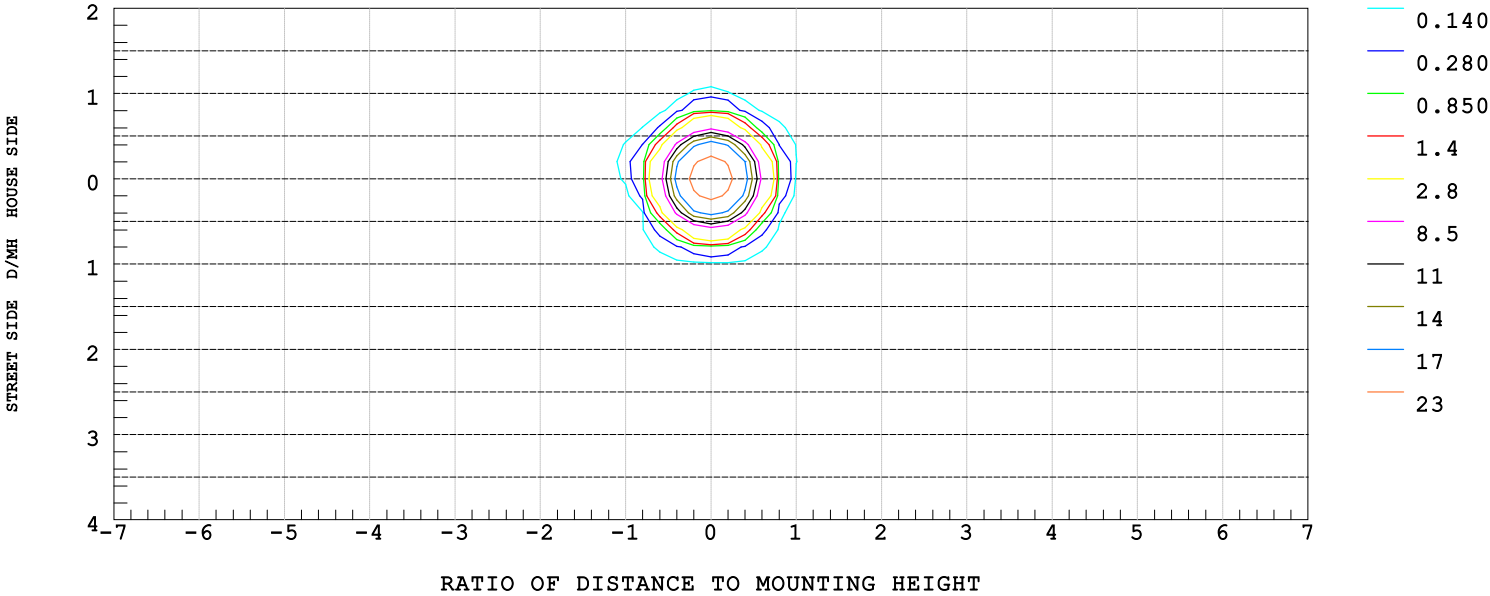
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 28.21 lx



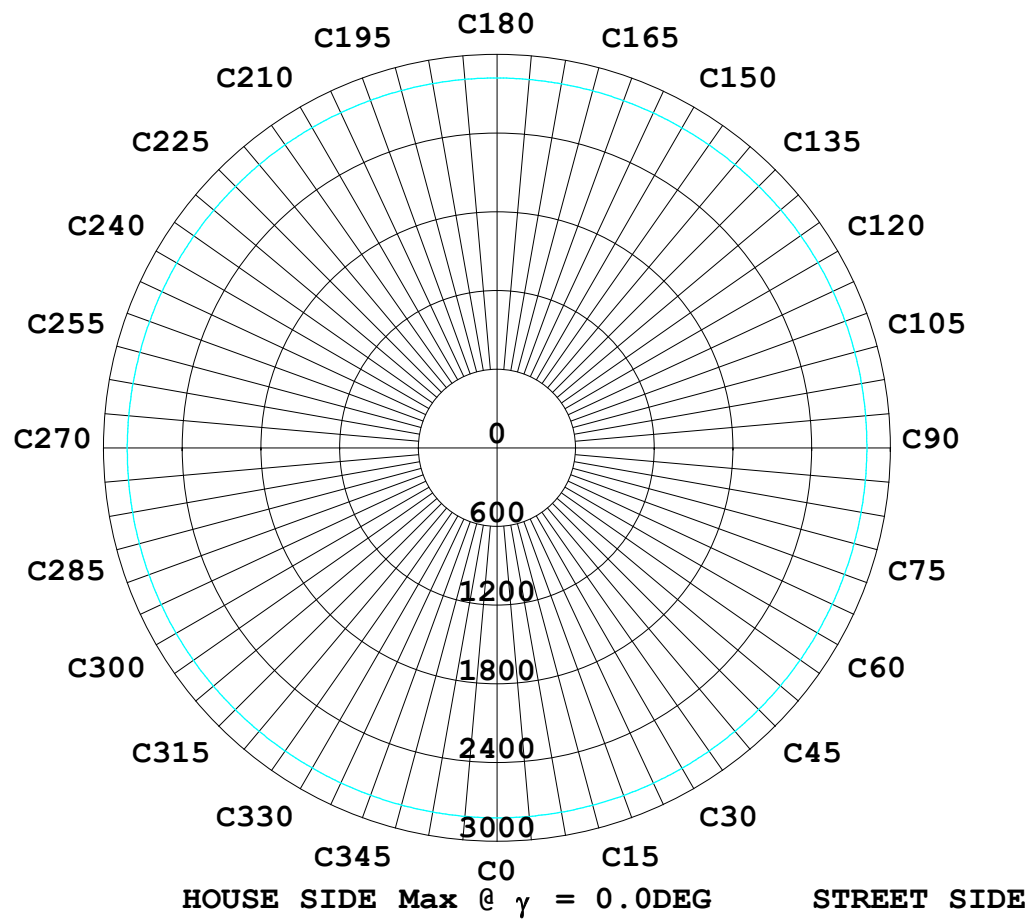
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 110 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 800 MA	DIMENSION: D-124 CUTOUT-114 H-130 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2821	2821	2821	2820	2826	2819	2821	2821	2821	2820	2826	2819
5.0	2752	2743	2749	2740	2754	2747	2763	2776	2771	2772	2760	2770
10.0	2643	2640	2638	2636	2627	2641	2641	2665	2664	2671	2655	2659
15.0	2533	2486	2521	2494	2527	2489	2508	2560	2538	2581	2542	2558
20.0	2384	2336	2394	2363	2413	2375	2410	2467	2426	2461	2398	2421
25.0	2006	1972	2053	2021	2070	2032	2100	2157	2100	2124	2045	2069
30.0	1272	1223	1327	1300	1392	1338	1433	1469	1364	1399	1300	1360
35.0	356	406	402	413	453	400	488	518	441	464	412	438
40.0	83.2	64.2	89.2	69.1	91.8	69.8	84.0	107	78.4	103	73.4	96.8
45.0	45.9	30.6	44.8	29.5	45.3	31.0	34.6	49.6	33.7	49.4	33.0	47.8
50.0	30.9	19.6	30.3	19.0	30.7	20.1	22.7	33.2	21.3	32.9	20.8	32.1
55.0	21.7	12.9	21.4	12.6	21.7	13.3	15.3	23.2	13.9	22.9	13.3	22.1
60.0	15.4	8.06	15.2	8.00	15.5	8.33	10.0	16.4	8.80	16.1	8.33	15.6
65.0	11.0	4.84	10.8	4.77	11.0	5.11	6.65	11.6	5.37	11.4	4.97	11.1
70.0	8.06	2.95	7.93	2.89	8.06	3.02	4.43	8.33	3.02	8.13	2.82	7.86
75.0	6.32	2.01	6.18	1.88	6.25	1.88	3.09	6.18	1.74	6.05	1.54	5.91
80.0	5.71	1.94	5.44	1.81	5.44	1.81	2.82	5.17	1.41	5.11	1.34	5.04
85.0	5.31	2.15	5.11	2.01	5.11	2.01	3.02	4.70	1.54	4.57	1.47	4.57
90.0	5.04	2.75	4.84	2.62	4.77	2.62	4.16	4.10	1.88	4.10	1.88	4.03

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-25-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.200 m
Remarks: 3000K