

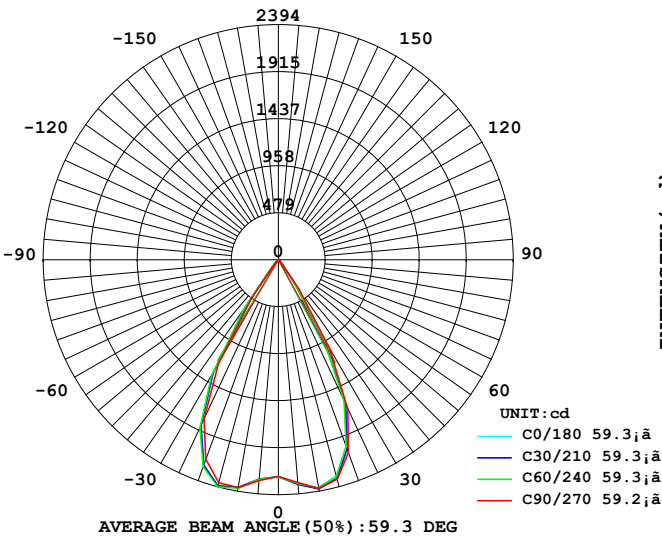
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

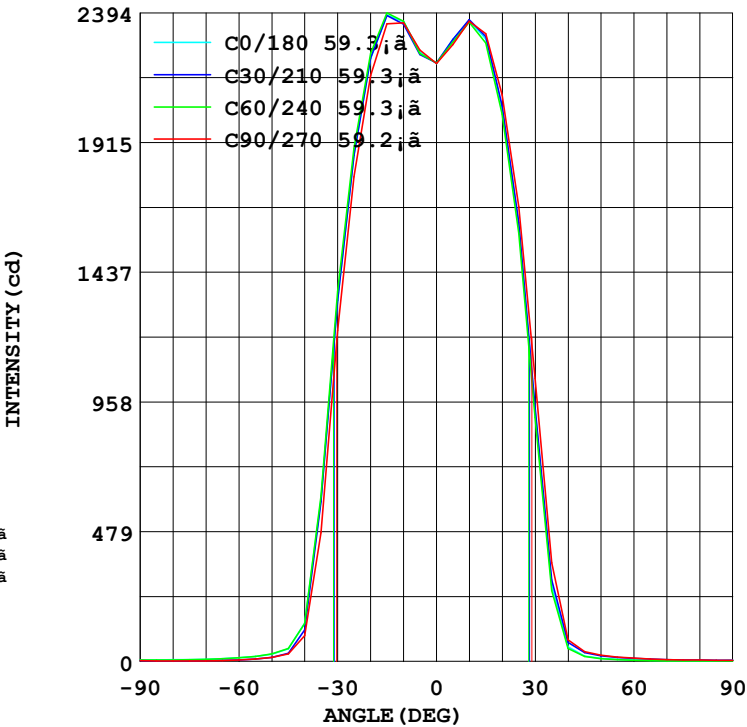
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2394	S/MH (C0/180)	0.91
MODEL	GE 100	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2011.2	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	99.1	Current (A)	0.085
NOMINAL FLUX (lm)	2011.2	η up (%)	0.0	Power (W)	20.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	1926.6	EEI	0.144

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:

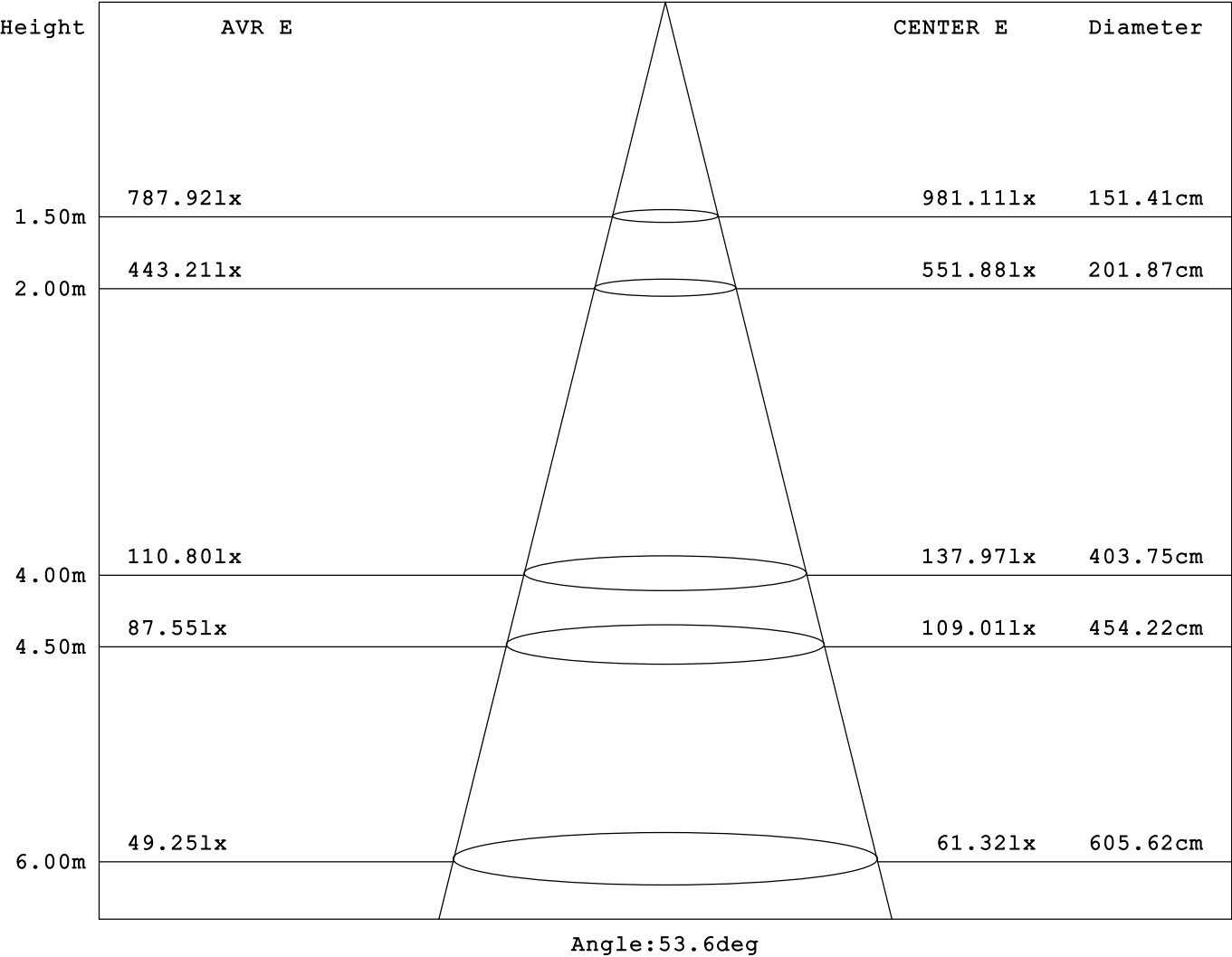
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Humidity:65.0%
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2362	2358	2357	2365	2365	2364	2363	2342	0- 10	219.0	219.0
20.0	2226	2236	2162	2089	2042	2035	2091	2151	10- 20	646.2	865.3
30.0	1334	1349	1222	1042	924.8	919.4	1045	1211	20- 30	768.1	1633
40.0	140.6	128.0	95.09	77.24	53.82	58.89	80.22	104.2	30- 40	318.0	1951
50.0	26.56	21.06	14.24	17.38	11.53	15.79	22.84	19.20	40- 50	33.21	1985
60.0	13.47	9.563	5.498	8.363	5.575	7.860	12.00	9.021	50- 60	11.71	1996
70.0	7.976	5.149	2.245	4.607	3.175	4.375	7.047	4.762	60- 70	6.547	2003
80.0	6.040	3.794	1.781	3.639	3.020	3.291	5.111	3.329	70- 80	4.350	2007
90.0	5.188	3.755	2.555	3.717	4.336	3.020	4.181	3.058	80- 90	3.905	2011
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:07-24-2025

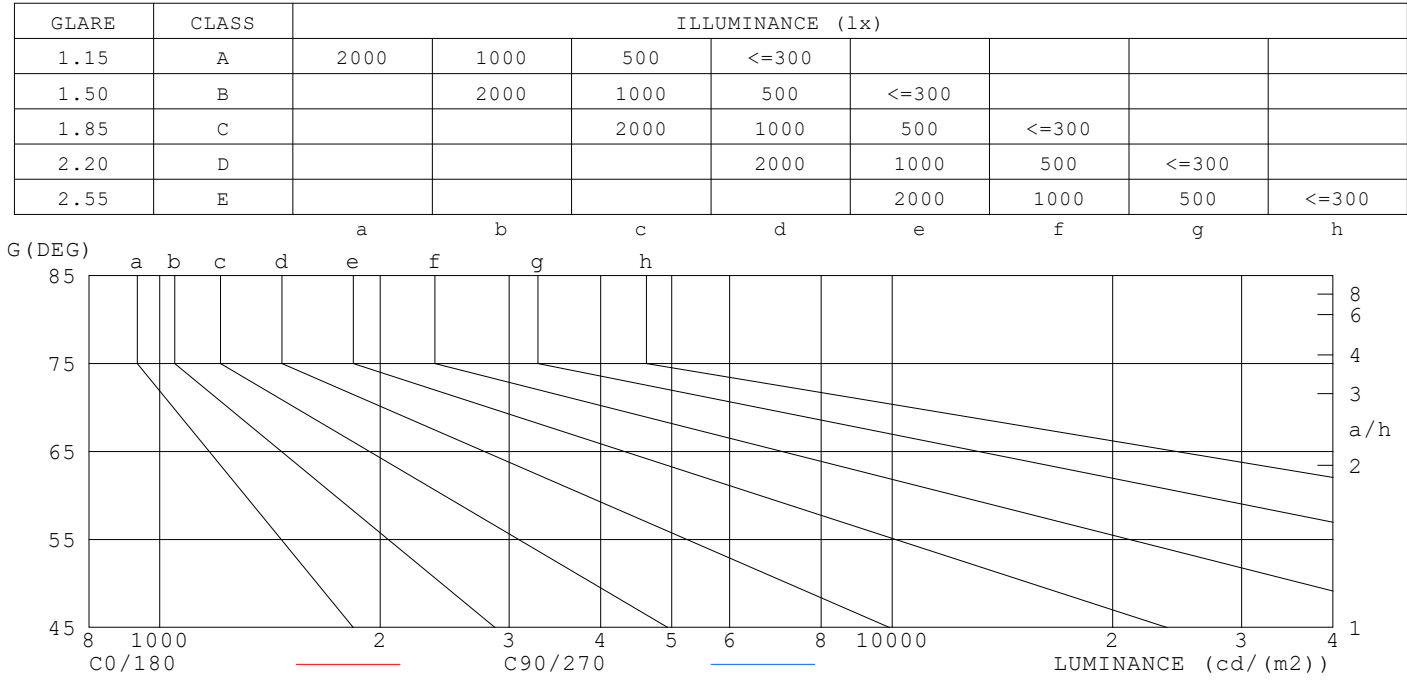
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



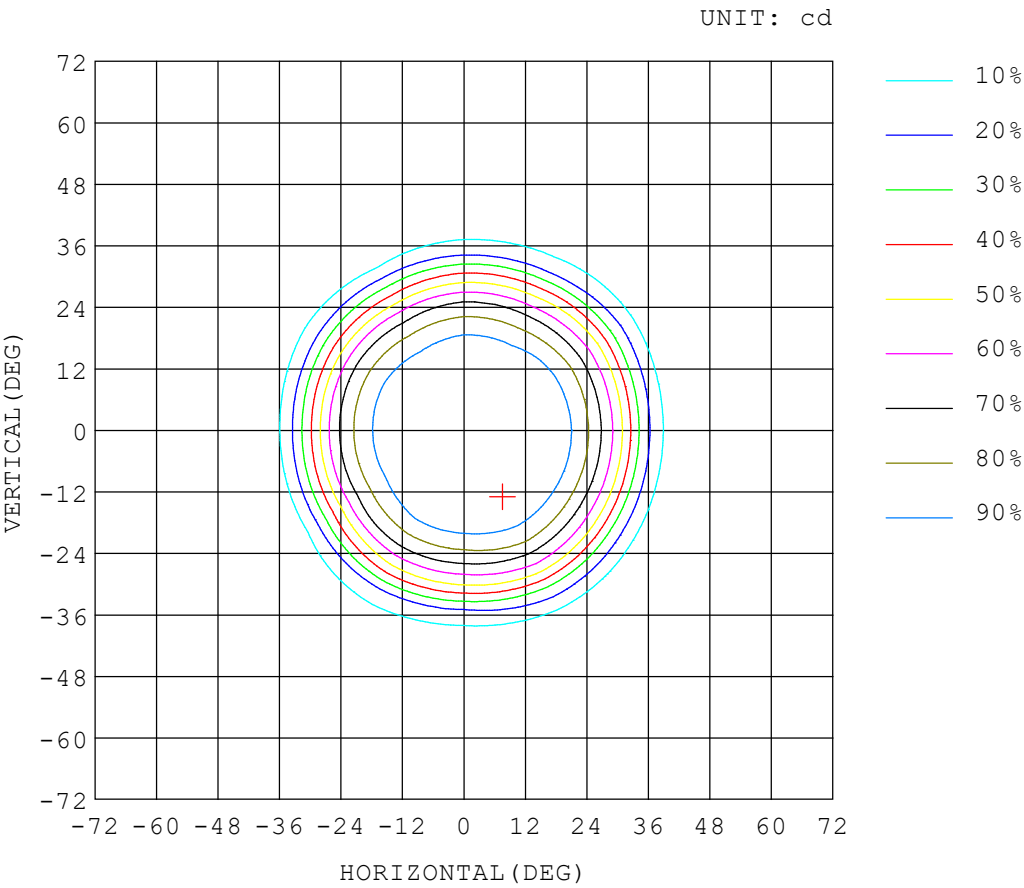
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:



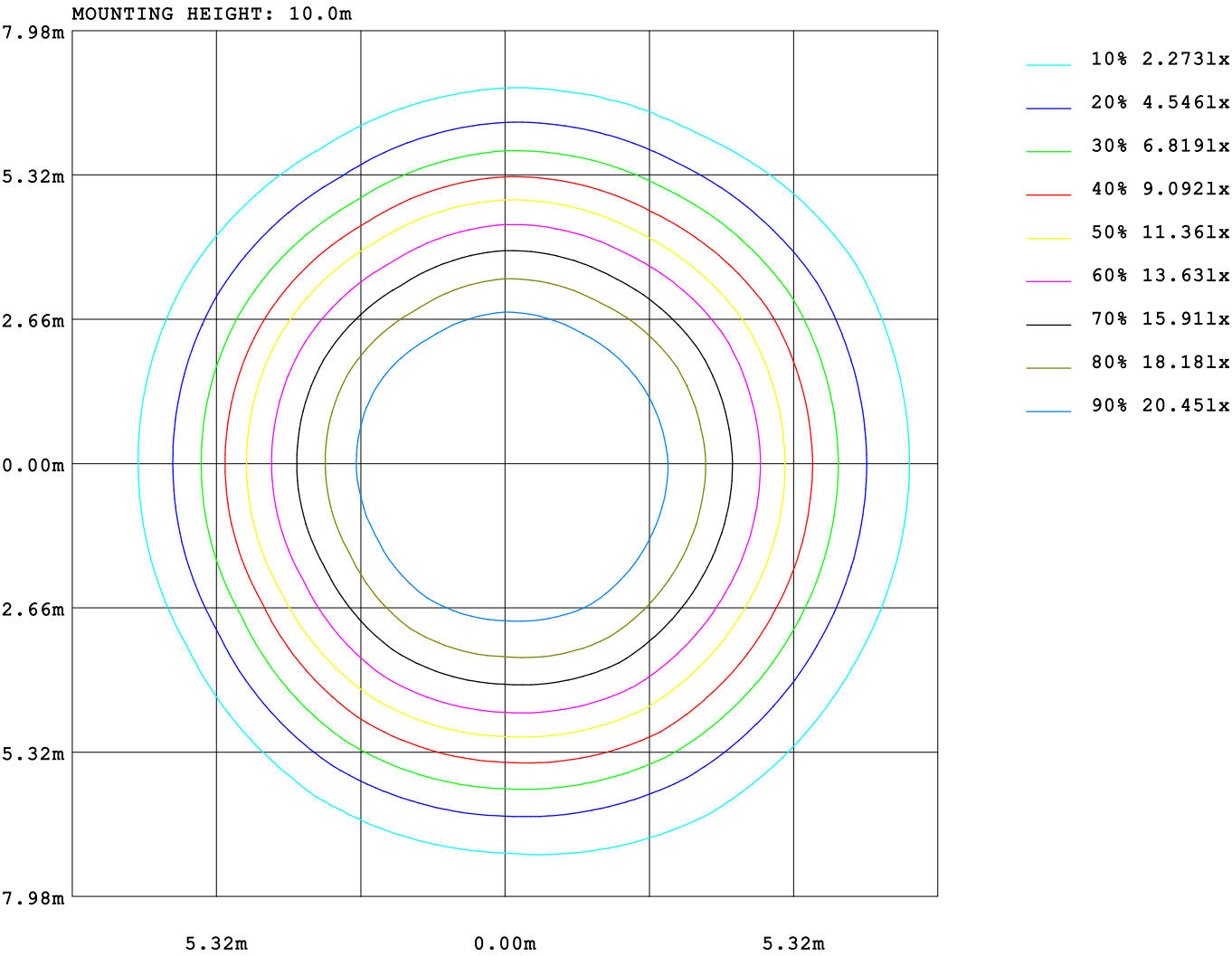
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019																				
NAME: GE 100 DOWNLIGHTER										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION: FULHAM 600 MA										DIMENSION: D-114 CUTOUT-104 H-117 MM					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a	
	0.03	0.05	0.06	0.05	0.05	0.04	0.07	0.10	0.14	0.14	0.10	0.07	0.04	0.05	0.06	0.06	0.05	0.04	1.18	0.00			
72	0.03	0.05	0.07	0.07	0.07	0.06	0.10	0.16	0.21	0.22	0.16	0.11	0.07	0.08	0.08	0.07	0.06	0.04	1.73	0.00			
64	0.03	0.06	0.09	0.11	0.12	0.12	0.16	0.26	0.36	0.36	0.28	0.18	0.14	0.13	0.12	0.10	0.07	0.04	2.72	0.00			
56	0.03	0.06	0.11	0.15	0.19	0.23	0.30	0.56	0.83	0.87	0.65	0.37	0.28	0.23	0.18	0.13	0.08	0.05	5.29	0.00			
48	0.03	0.07	0.13	0.22	0.32	0.52	1.31	3.44	6.04	6.57	4.57	2.07	0.79	0.40	0.26	0.16	0.09	0.05	27.0	16.0			
40	0.03	0.07	0.14	0.28	0.60	2.26	8.07	16.9	23.6	24.6	19.8	11.6	4.08	0.95	0.37	0.19	0.11	0.06	114	107			
32	0.03	0.07	0.15	0.33	1.41	8.01	21.6	32.8	38.7	39.4	35.2	26.2	12.7	2.75	0.53	0.23	0.12	0.06	221	216			
24	0.03	0.07	0.15	0.40	2.87	15.5	32.0	41.4	44.9	45.1	42.8	35.6	21.3	5.76	0.80	0.26	0.13	0.06	289	285			
	0.03	0.06	0.13	0.43	4.25	20.0	36.2	44.2	44.7	44.3	44.7	39.3	25.7	8.11	1.00	0.28	0.13	0.07	314	310			
	0.03	0.06	0.12	0.41	4.20	19.9	36.1	44.1	44.7	44.2	45.0	39.5	25.8	8.09	0.98	0.27	0.13	0.06	314	310			
	0.02	0.05	0.11	0.33	2.71	15.4	32.0	42.1	45.5	45.8	44.0	36.2	21.5	5.68	0.72	0.23	0.11	0.06	293	289			
	0.02	0.04	0.10	0.23	1.19	8.11	23.2	35.2	40.5	41.3	37.9	28.2	13.2	2.56	0.41	0.18	0.09	0.05	233	229			
-24	0.02	0.04	0.08	0.15	0.47	2.64	10.4	20.7	26.7	27.8	23.8	14.3	4.63	0.80	0.24	0.13	0.07	0.04	133	128			
-32	0.02	0.03	0.06	0.11	0.27	0.72	2.28	5.16	7.90	8.50	6.50	3.23	1.02	0.36	0.15	0.09	0.06	0.04	36.5	26.4			
-40	0.02	0.02	0.04	0.09	0.19	0.36	0.58	0.79	0.92	0.98	0.92	0.69	0.42	0.23	0.11	0.06	0.04	0.03	6.51	0.00			
-48	0.02	0.02	0.03	0.07	0.14	0.24	0.30	0.30	0.27	0.28	0.32	0.33	0.27	0.16	0.09	0.04	0.03	0.03	2.94	0.00			
-56	0.02	0.02	0.03	0.06	0.11	0.16	0.18	0.16	0.13	0.13	0.17	0.19	0.18	0.12	0.07	0.04	0.02	0.02	1.80	0.00			
-64	0.02	0.02	0.03	0.05	0.09	0.12	0.11	0.09	0.07	0.07	0.10	0.12	0.13	0.09	0.06	0.03	0.02	0.02	1.23	0.00			
-72																							
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)					16	24	32	40	48	56	64	72		
Φ t	0.46	0.85	1.61	3.56	19.2	94.5	205	289	327	331	307	239	133	36.5	6.21	2.54	1.42	0.83	2011				
Φ a	0.00	0.00	0.00	0.00	9.09	87.4	199	283	322	326	302	233	127	27.8	0.00	0.00	0.00	0.00			1927		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

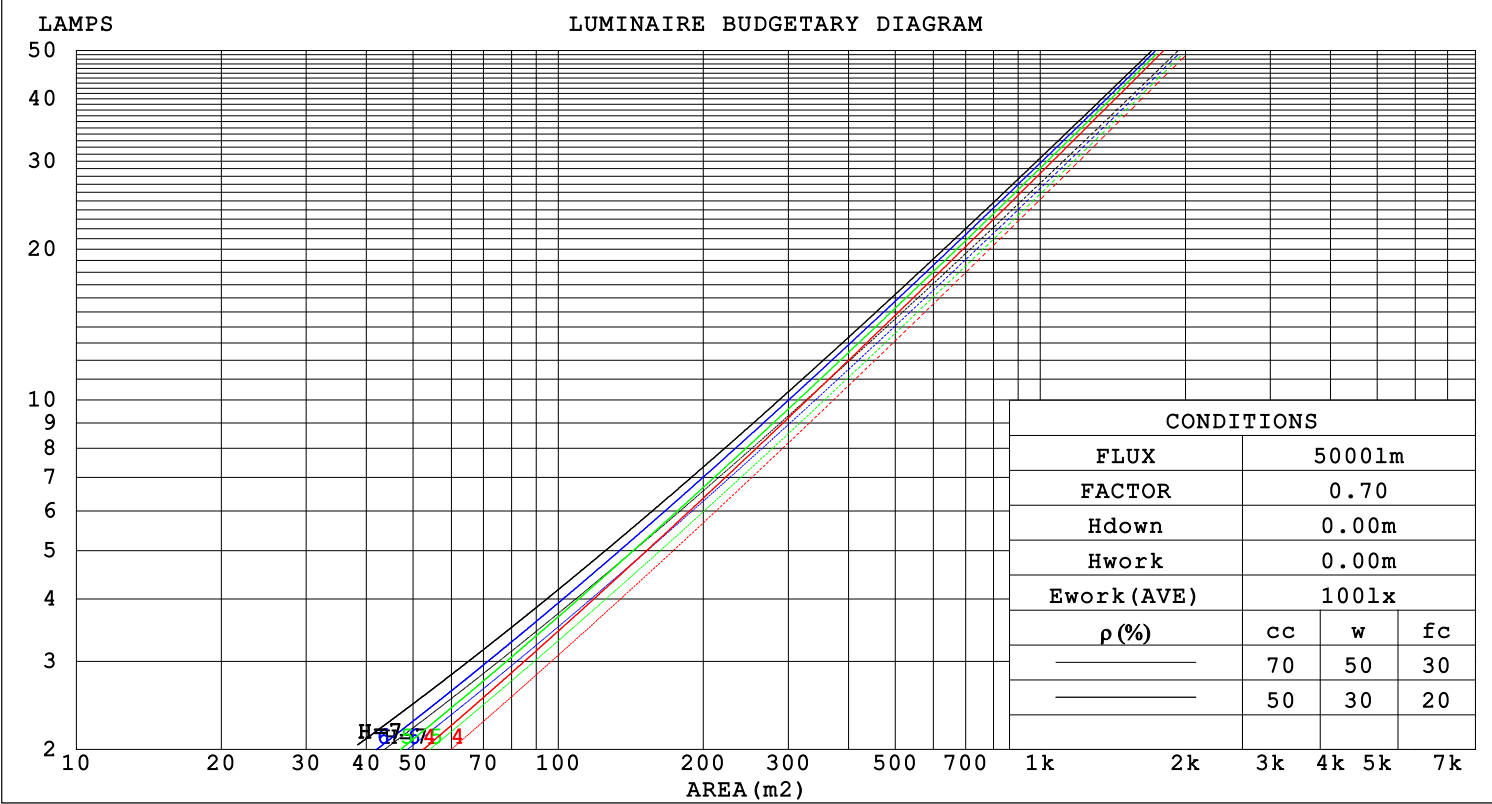
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: GE 100 DOWNLIGHTER								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 600 MA								DIMENSION: D-114 CUTOUT-104 H-117 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	.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	.91	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
5.0	.86	.81	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.78	.74	.70	.76	.73	.70	.69
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.69	.66	.73	.69	.66	.65
8.0	.73	.67	.63	.72	.67	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.61
9.0	.69	.63	.60	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.58
10.0	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.63	.59	.56	.55



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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

WEC AND CCEC

Report number:

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NAME: GE 100 DOWNLIGHTER								TYPE: 4000K CRI-90				WEIGHT:		
SPECIFICATION: FULHAM 600 MA								DIMENSION: D-114 CUTOUT-104 H-117 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	.082	.026	.131	.076	.024	
2.0	.163	.089	.027	.157	.087	.027	.147	.082	.025	.137	.077	.024	.128	.073	.023	
3.0	.155	.082	.025	.150	.080	.024	.141	.076	.023	.133	.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	.137	.070	.020	.130	.068	.020	.124	.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	.111	.057	.017	
8.0	.123	.060	.017	.120	.059	.017	.116	.058	.017	.111	.056	.016	.107	.055	.016	
9.0	.118	.057	.016	.116	.056	.016	.111	.055	.016	.108	.054	.015	.104	.053	.015	
10.0	.113	.054	.015	.111	.054	.015	.108	.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:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019											
NAME: GE 100 DOWNLIGHTER					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 600 MA					DIMENSION: D-114 CUTOUT-104 H-117 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		8.5	9.4	8.7	9.5	9.7	7.8	8.7	8.0	8.9	9.0
	3H	8.3	9.2	8.6	9.4	9.6	7.7	8.5	7.9	8.7	8.9
	4H	8.3	9.1	8.6	9.3	9.5	7.6	8.4	7.9	8.6	8.8
	6H	8.3	9.0	8.6	9.3	9.5	7.5	8.2	7.8	8.5	8.7
	8H	8.3	9.0	8.6	9.3	9.5	7.5	8.2	7.8	8.4	8.7
	12H	8.4	9.1	8.7	9.3	9.6	7.5	8.1	7.8	8.4	8.7
4H	2H	8.2	9.0	8.5	9.2	9.4	7.6	8.3	7.8	8.6	8.8
	3H	8.1	8.8	8.4	9.0	9.3	7.5	8.1	7.8	8.4	8.7
	4H	8.1	8.7	8.4	9.0	9.3	7.4	8.0	7.8	8.3	8.6
	6H	8.1	8.6	8.4	8.9	9.3	7.4	7.9	7.8	8.2	8.6
	8H	8.1	8.6	8.5	9.0	9.3	7.4	7.9	7.8	8.2	8.6
	12H	8.3	8.7	8.7	9.1	9.5	7.4	7.8	7.8	8.2	8.6
8H	4H	7.9	8.4	8.3	8.8	9.1	7.3	7.8	7.7	8.1	8.5
	6H	8.0	8.4	8.4	8.8	9.2	7.3	7.8	7.8	8.1	8.6
	8H	8.0	8.4	8.5	8.8	9.3	7.4	7.8	7.8	8.2	8.6
	12H	8.2	8.6	8.7	9.0	9.5	7.5	7.8	8.0	8.3	8.7
12H	4H	7.9	8.4	8.3	8.7	9.1	7.3	7.7	7.7	8.1	8.5
	6H	7.9	8.3	8.4	8.7	9.2	7.3	7.7	7.8	8.1	8.5
	8H	8.0	8.3	8.5	8.8	9.2	7.4	7.7	7.9	8.2	8.6
Variations with the observer position at spacings:											
S = 1.0H	+ 2.8 / - 3.0					+ 2.2 / - 2.7					
1.5H	+ 5.0 / - 3.4					+ 4.2 / - 2.9					
2.0H	+ 2.9 / - 1.1					+ 1.1 / - 1.2					

CIE Pub.117 Corrected 2011 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 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	89	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	102	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		

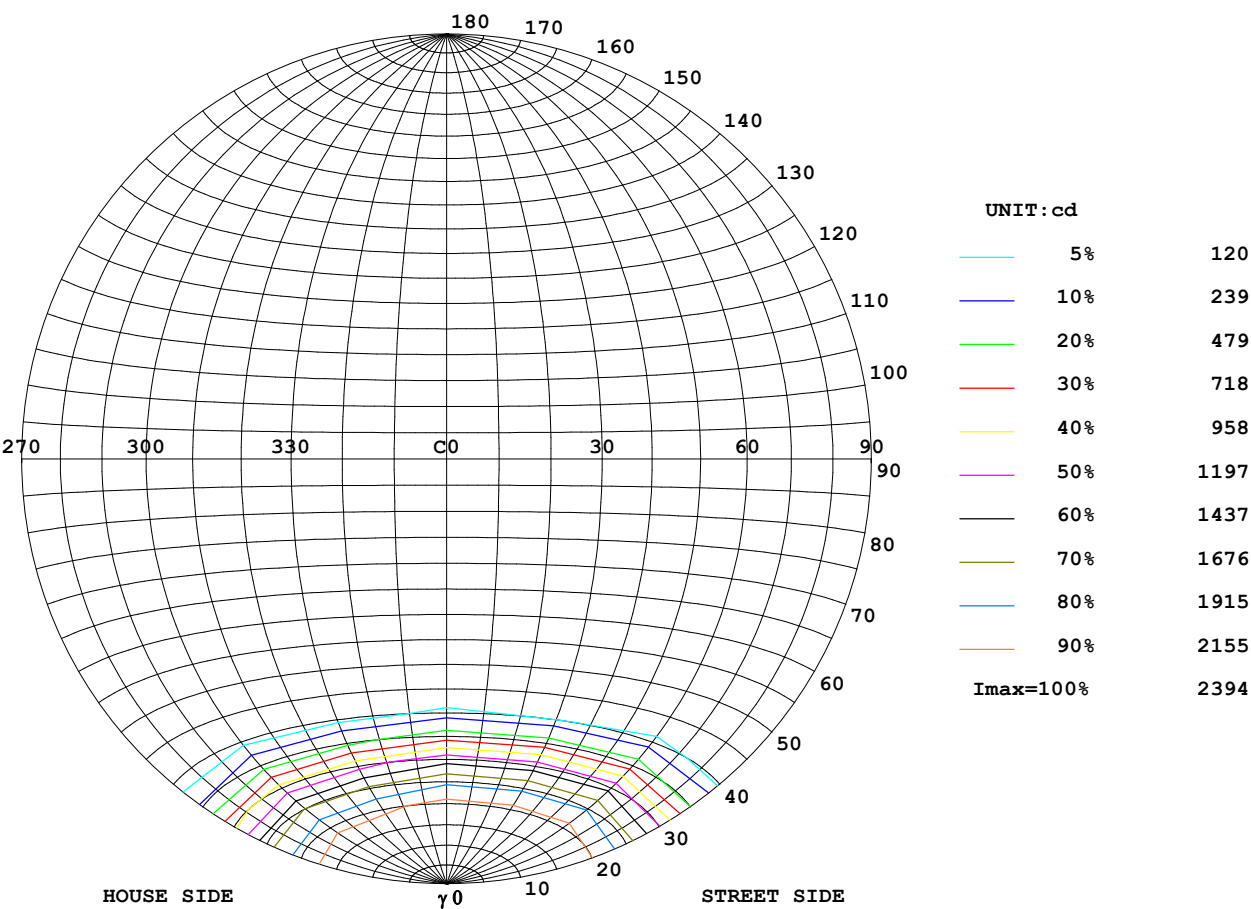
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

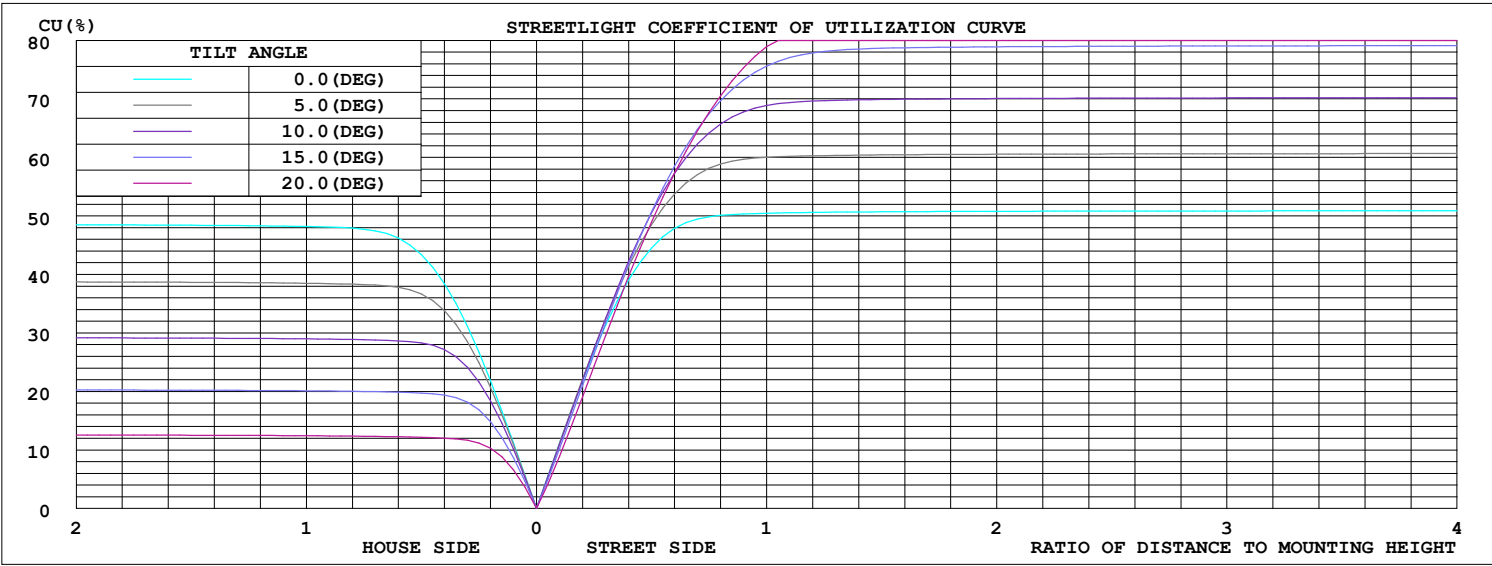
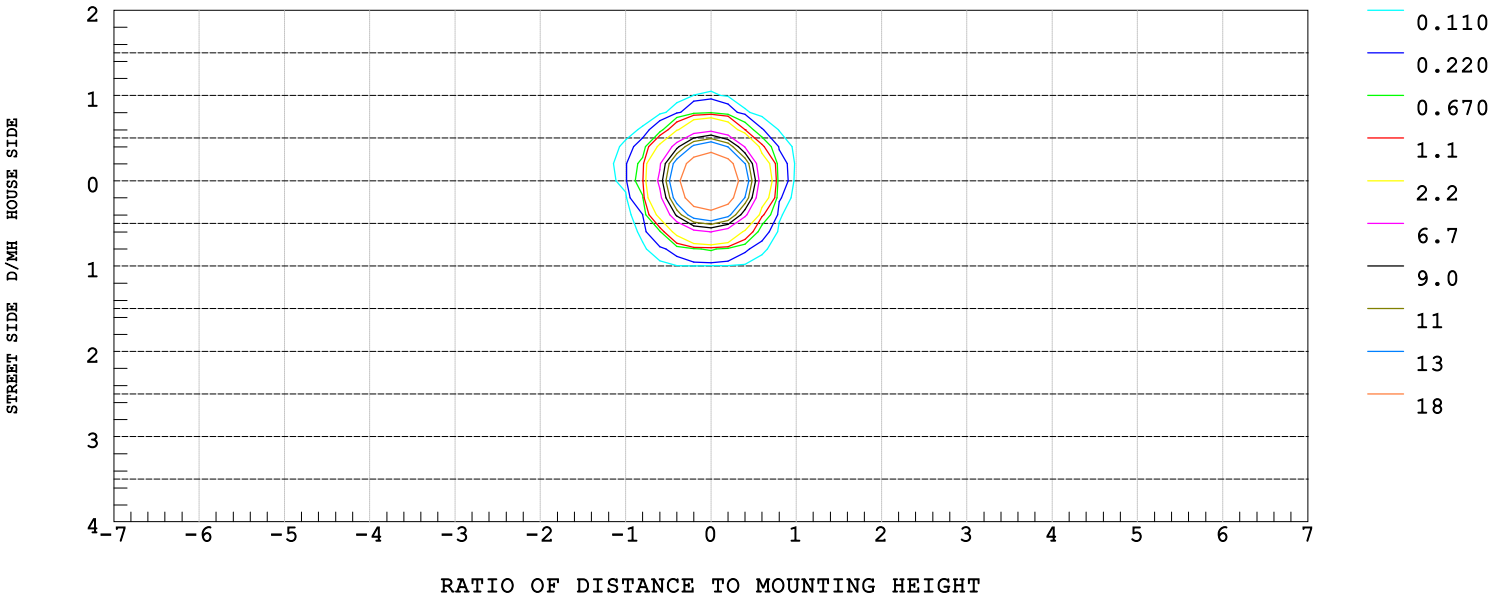
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 22.08 lx



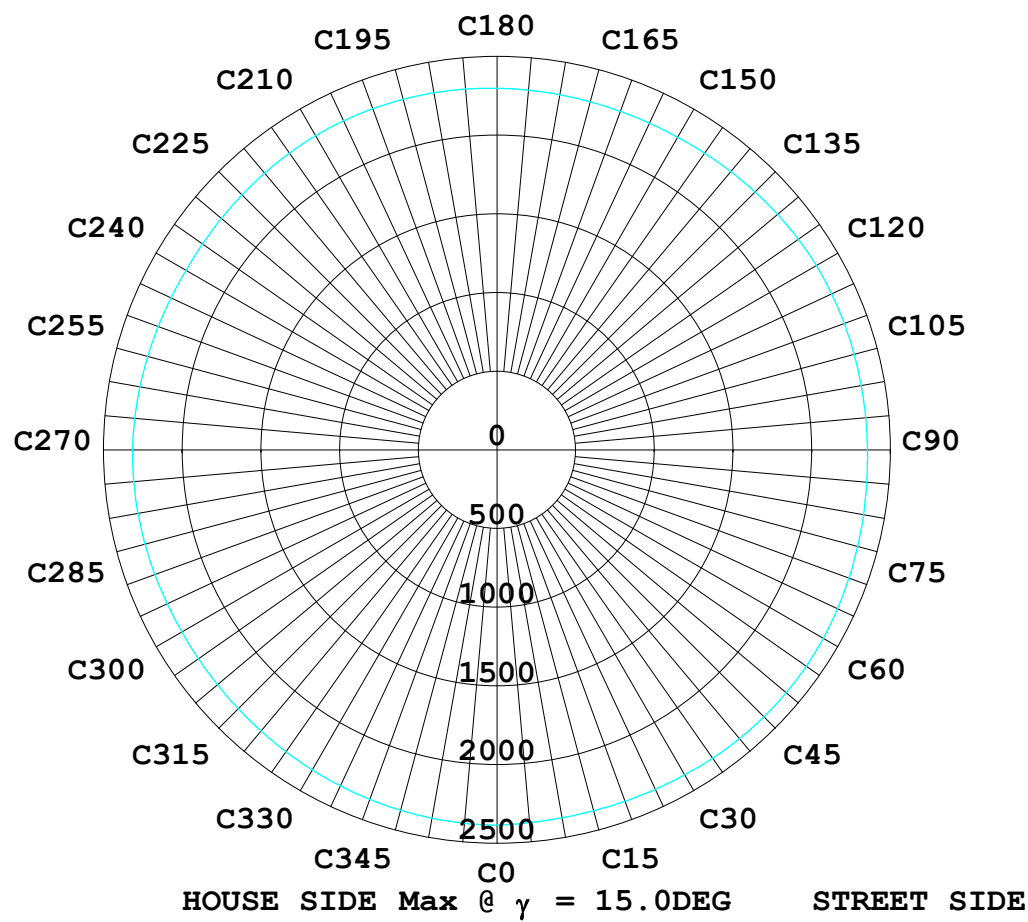
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 100 DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: D-114 CUTOUT-104 H-117 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2208	2209	2209	2207	2209	2205	2208	2209	2209	2207	2209	2205
5.0	2249	2240	2243	2257	2278	2295	2296	2296	2286	2276	2260	2249
10.0	2362	2353	2363	2357	2367	2363	2365	2369	2360	2363	2346	2339
15.0	2385	2384	2394	2353	2344	2294	2298	2307	2283	2316	2313	2348
20.0	2226	2228	2244	2162	2137	2040	2042	2051	2020	2091	2111	2191
25.0	1868	1868	1894	1789	1745	1606	1614	1620	1581	1679	1720	1848
30.0	1334	1333	1366	1222	1146	937	925	938	901	1045	1116	1306
35.0	599	590	611	476	428	276	281	301	262	365	422	591
40.0	141	116	140	95.0	100	54.0	53.8	69.9	47.8	80.2	75.0	134
45.0	46.4	30.2	47.6	27.7	39.6	19.5	19.7	32.0	18.1	35.5	23.3	44.0
50.0	26.5	14.7	27.4	14.2	24.0	10.6	11.5	21.0	10.5	22.8	12.6	25.7
55.0	18.3	8.90	18.8	8.90	16.9	6.89	7.97	15.2	6.81	16.3	7.97	17.8
60.0	13.4	5.65	13.4	5.49	12.3	4.41	5.57	11.3	4.41	12.0	5.03	13.0
65.0	10.1	3.63	9.98	3.25	9.21	2.71	4.02	8.75	2.86	9.06	3.17	9.75
70.0	7.97	2.47	7.82	2.24	7.20	2.01	3.17	6.89	1.85	7.04	2.01	7.51
75.0	6.58	1.93	6.35	1.78	6.11	1.62	2.86	5.73	1.39	5.73	1.47	6.04
80.0	6.04	1.93	5.65	1.78	5.49	1.78	3.02	5.11	1.47	5.11	1.39	5.26
85.0	5.65	2.09	5.18	1.93	5.18	1.93	3.17	4.64	1.47	4.64	1.47	4.80
90.0	5.18	2.71	4.80	2.55	4.80	2.63	4.33	4.10	1.93	4.18	1.85	4.25

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 4000K