

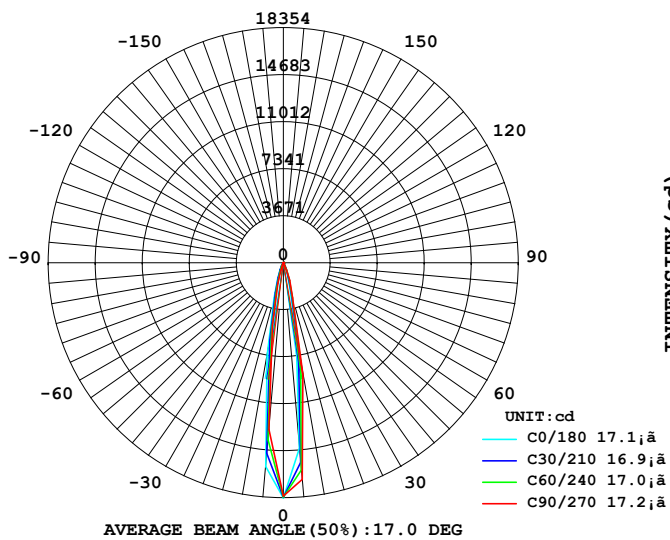
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

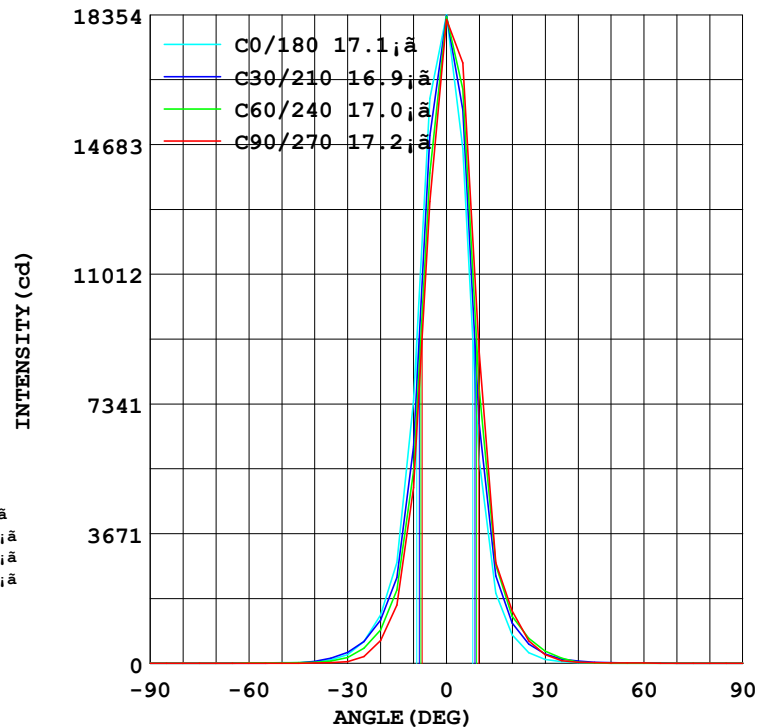
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	18354	S/MH (C0/180)	0.31
MODEL	CELESTE GLOW	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.25
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2427.2	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	122.0	Current (A)	0.090
NOMINAL FLUX (lm)	2427.3	η up (%)	0.0	Power (W)	19.90
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.986
TEST VOLTAGE (V)	219.8	Effective Flux (lm)	1888.4	EEI	0.144

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 05-27-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:

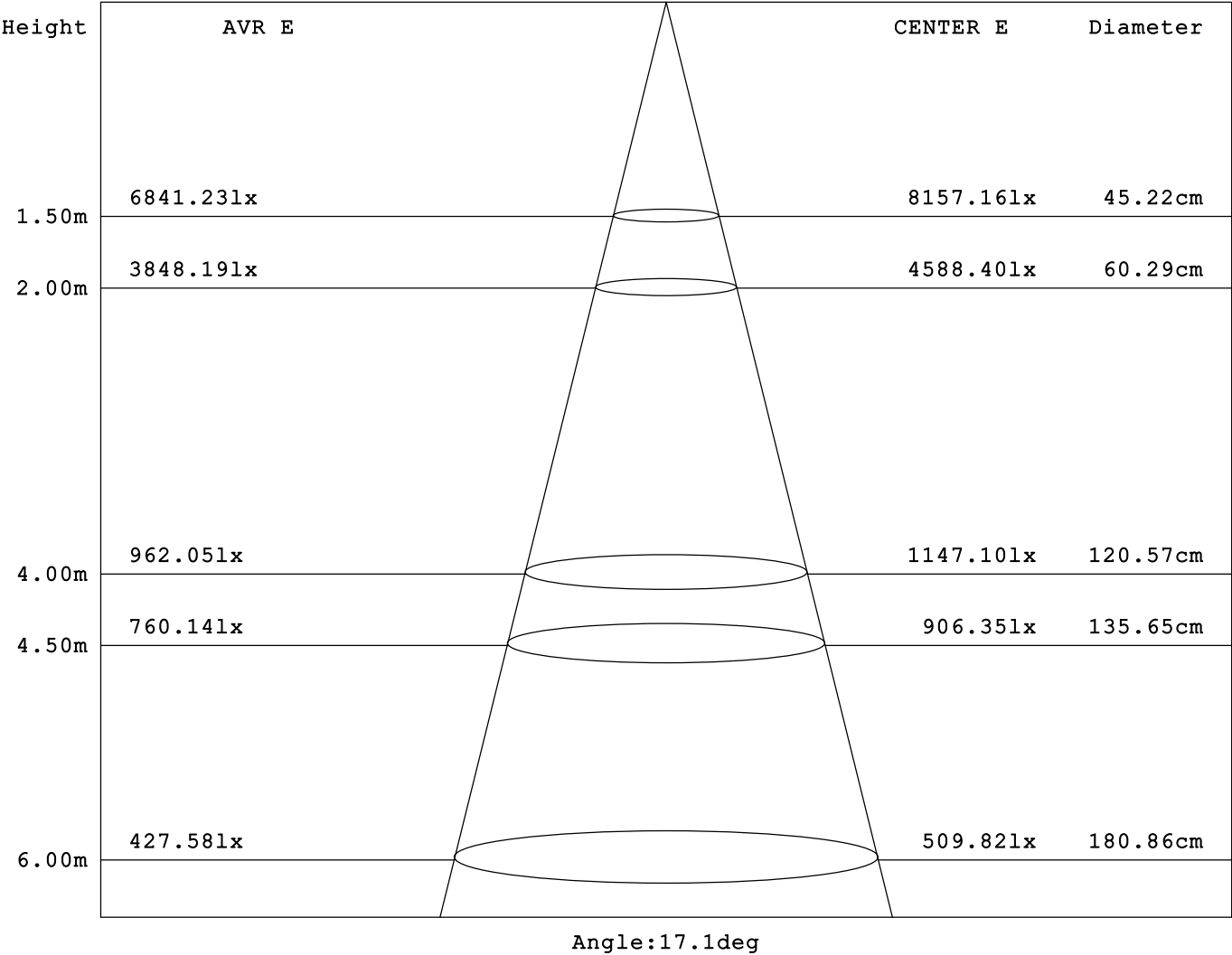
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	743.7	578.5	497.7	480.9	577.5	728.9	882.6	936.5	0- 10	1183	1183
20.0	136.7	108.6	64.30	80.15	80.68	124.1	148.5	163.5	10- 20	846.2	2029
30.0	25.27	24.00	5.100	15.38	11.62	30.58	24.84	47.35	20- 30	278.4	2308
40.0	3.940	4.785	0.940	3.130	1.910	4.780	3.220	7.290	30- 40	76.95	2385
50.0	1.970	1.415	0.410	1.180	0.750	1.470	1.620	1.775	40- 50	17.82	2402
60.0	1.080	0.665	0.200	0.585	0.350	0.700	1.020	0.775	50- 60	8.836	2411
70.0	0.860	0.500	0.200	0.505	0.370	0.505	0.810	0.530	60- 70	5.807	2417
80.0	0.720	0.460	0.220	0.445	0.410	0.450	0.680	0.460	70- 80	5.252	2422
90.0	0.610	0.455	0.310	0.455	0.570	0.415	0.560	0.425	80- 90	5.021	2427
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: Ꝁ10cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 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	780	275
80	415	127
75	301	77
70	251	58
65	227	45
60	216	40
55	263	33
50	306	64
45	368	76

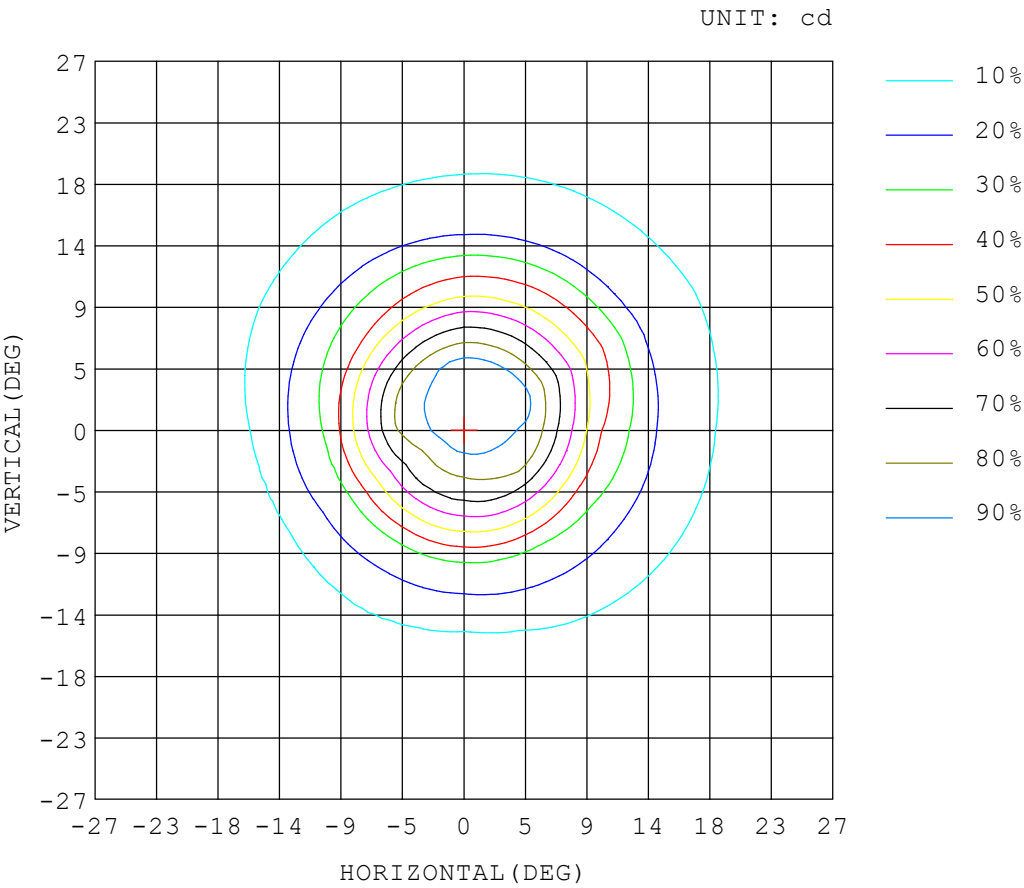
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:



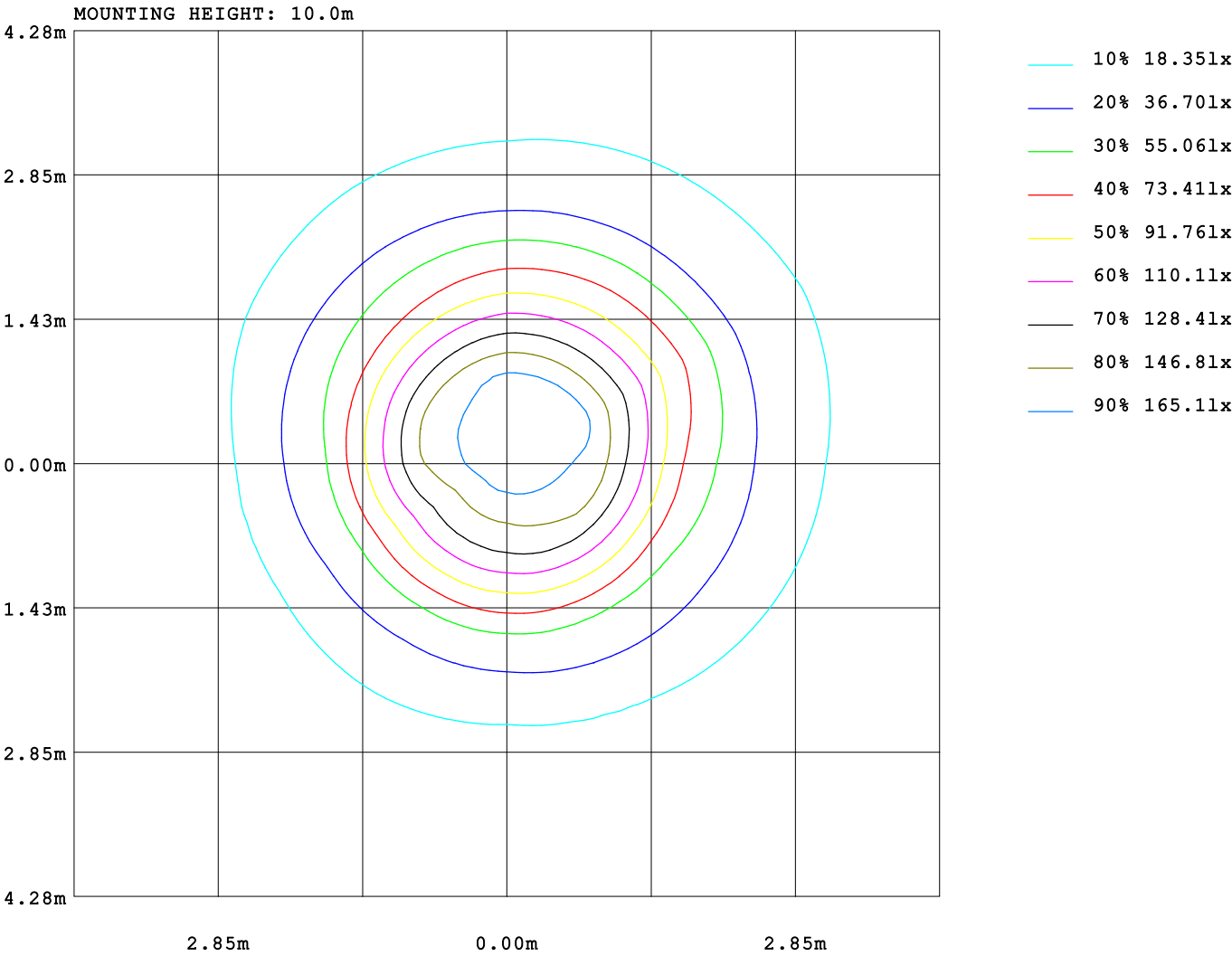
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019

NAME: CELESTE GLOW

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: FULHAM-800 MA

DIMENSION: 1200*38*32 MM

SERIAL No.:

		AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
VERTICAL (DEG)	27																					
	24	0.32	0.48	0.67	0.90	1.17	1.38	1.53	1.64	1.69	1.73	1.74	1.70	1.61	1.46	1.22	0.96	0.70	0.48	21.4	0.00	
	21	0.44	0.64	0.91	1.27	1.65	2.01	2.36	2.68	2.87	2.93	2.85	2.61	2.30	1.99	1.69	1.33	1.00	0.72	32.3	0.00	
	18	0.56	0.83	1.22	1.67	2.27	2.90	3.44	3.99	4.39	4.50	4.30	3.87	3.39	2.80	2.21	1.77	1.33	0.97	46.4	3.45	
	15	0.67	1.05	1.51	2.22	2.99	3.99	5.17	6.07	6.57	6.79	6.66	5.99	4.83	3.82	3.01	2.24	1.70	1.20	66.5	37.7	
	12	0.79	1.23	1.91	2.77	4.03	5.69	7.51	10.0	12.1	12.6	11.2	8.98	7.17	5.33	3.88	2.89	2.04	1.40	102	79.4	
	9	0.87	1.38	2.25	3.44	5.30	7.94	12.9	17.7	21.5	22.5	20.4	15.9	10.3	7.30	4.99	3.46	2.29	1.53	162	144	
		0.89	1.51	2.45	4.13	6.48	11.8	18.4	26.8	33.5	34.8	30.6	23.5	16.1	9.22	6.05	3.79	2.51	1.59	235	218	
		0.86	1.55	2.57	4.47	7.86	14.4	24.4	36.8	44.5	45.9	41.0	30.5	19.8	11.0	6.55	4.04	2.62	1.59	301	285	
		0.79	1.48	2.54	4.43	8.47	15.2	27.8	41.0	47.1	48.5	45.0	32.6	20.0	11.6	6.51	4.07	2.58	1.53	322	307	
		0.74	1.39	2.38	4.13	7.85	14.0	25.4	36.8	43.4	45.3	41.3	29.7	17.8	10.6	6.11	3.87	2.47	1.45	295	279	
		0.71	1.29	2.14	3.65	6.27	11.1	18.7	28.7	35.5	37.1	32.7	22.5	14.3	8.68	5.46	3.50	2.29	1.38	236	219	
	-9	0.66	1.12	1.82	2.98	4.49	8.16	12.3	18.3	23.6	24.5	20.6	14.8	10.5	6.48	4.56	3.01	2.02	1.28	161	143	
	-12	0.58	0.93	1.52	2.29	3.52	5.25	8.23	10.6	12.6	13.1	11.9	9.74	6.74	4.95	3.54	2.54	1.69	1.13	101	79.8	
	-15	0.49	0.76	1.20	1.78	2.63	3.72	4.84	6.15	7.10	7.32	6.72	5.55	4.59	3.54	2.65	1.98	1.40	0.96	63.4	32.2	
	-18	0.39	0.61	0.90	1.36	1.88	2.54	3.20	3.61	3.74	3.84	3.88	3.58	2.98	2.42	1.94	1.43	1.09	0.77	40.2	0.00	
-21	0.31	0.45	0.68	0.95	1.34	1.73	1.93	2.09	2.13	2.18	2.23	2.12	1.95	1.64	1.30	1.04	0.77	0.58	25.4	0.00		
-24	0.23	0.33	0.47	0.68	0.89	1.06	1.18	1.24	1.20	1.23	1.31	1.28	1.17	1.03	0.88	0.68	0.54	0.41	15.8	0.00		
-27	0.16	0.24	0.32	0.43	0.57	0.65	0.67	0.64	0.57	0.59	0.67	0.72	0.71	0.63	0.52	0.45	0.36	0.28	9.16	0.00		
		-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)			6	9	12	15	18	21	24	27		
Φ t		10.4	17.2	27.4	43.6	69.7	114	180	256	305	316	285	216	147	94.6	63.1	43.1	29.4	19.2	2427		
Φ a		0.00	0.00	0.00	4.52	42.0	91.8	160	238	289	301	269	198	127	72.3	34.4	1.61	0.00	0.00		1888	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-27-2025

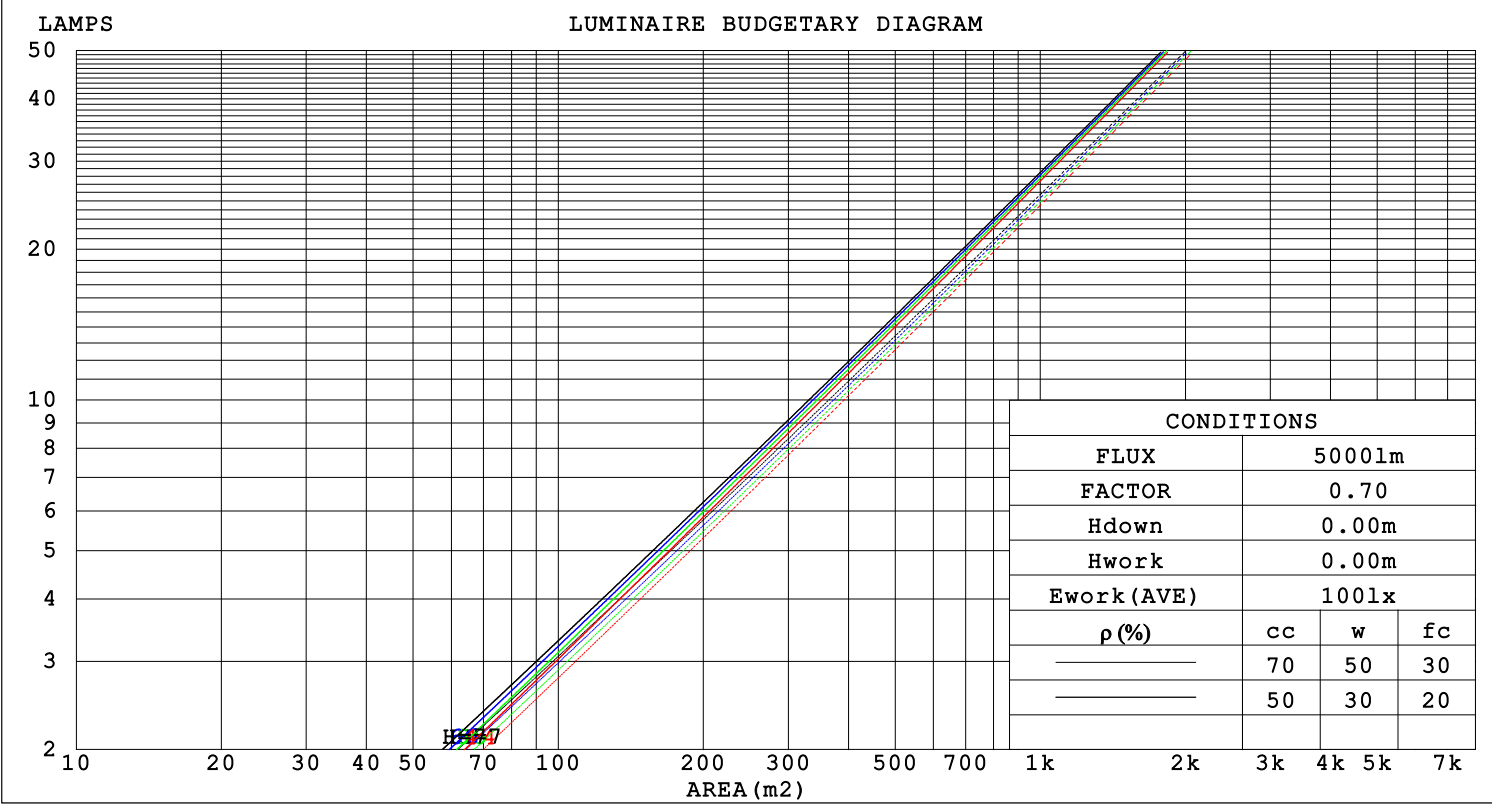
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 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	1.13	1.11	1.10	1.11	1.09	1.08	1.07	1.06	1.05	1.03	1.02	1.02	1.00	.99	.99	.97
2.0	1.08	1.05	1.03	1.07	1.04	1.02	1.04	1.02	.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.04	1.01	.98	1.03	.00	.97	1.00	.98	.96	.98	.96	.94	.96	.94	.93	.92
4.0	1.01	.97	.94	.00	.96	.94	.98	.95	.93	.96	.94	.92	.94	.92	.91	.89
5.0	.98	.94	.91	.97	.93	.91	.95	.92	.90	.94	.91	.89	.92	.90	.88	.87
6.0	.95	.91	.88	.94	.90	.88	.93	.90	.87	.92	.89	.87	.90	.88	.86	.85
7.0	.92	.88	.86	.92	.88	.86	.91	.87	.85	.90	.87	.85	.89	.86	.84	.83
8.0	.90	.86	.84	.89	.86	.83	.89	.85	.83	.88	.85	.83	.87	.84	.83	.82
9.0	.88	.84	.82	.87	.84	.82	.87	.84	.81	.86	.83	.81	.85	.83	.81	.80
10.0	.86	.82	.80	.86	.82	.80	.85	.82	.80	.84	.81	.79	.84	.81	.79	.78



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER:															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: CELESTE GLOW								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM-800 MA								DIMENSION: 1200*38*32 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	.131	.075	.024	.125	.071	.023	.112	.064	.021	.101	.058	.019	.091	.053	.017															
2.0	.120	.066	.020	.115	.063	.019	.105	.058	.018	.095	.053	.017	.087	.049	.015															
3.0	.111	.059	.018	.106	.057	.017	.098	.053	.016	.090	.049	.015	.083	.046	.014															
4.0	.103	.053	.016	.099	.052	.015	.092	.049	.015	.086	.046	.014	.079	.043	.013															
5.0	.096	.049	.014	.093	.048	.014	.087	.045	.013	.082	.043	.013	.076	.041	.012															
6.0	.090	.045	.013	.088	.044	.013	.083	.042	.012	.078	.040	.012	.073	.039	.011															
7.0	.085	.042	.012	.083	.041	.012	.079	.040	.011	.075	.038	.011	.071	.037	.011															
8.0	.081	.040	.011	.079	.039	.011	.075	.038	.011	.072	.036	.010	.068	.035	.010															
9.0	.077	.037	.010	.075	.037	.010	.072	.036	.010	.069	.034	.010	.066	.033	.010															
10.0	.074	.035	.010	.072	.035	.010	.069	.034	.010	.066	.033	.009	.064	.032	.009															

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	.168	.158	.148	.144	.135	.128	.098	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.149	.133	.119	.128	.114	.103	.088	.079	.072	.051	.046	.042	.016	.015	.014	
3.0	.134	.113	.097	.115	.098	.084	.079	.068	.059	.045	.040	.035	.015	.013	.011	
4.0	.121	.098	.080	.104	.084	.070	.071	.059	.049	.041	.034	.029	.013	.011	.010	
5.0	.110	.085	.067	.094	.074	.058	.065	.052	.041	.038	.030	.024	.012	.010	.008	
6.0	.101	.075	.057	.086	.065	.050	.060	.046	.035	.035	.027	.021	.011	.009	.007	
7.0	.093	.067	.049	.080	.058	.042	.055	.041	.030	.032	.024	.018	.010	.008	.006	
8.0	.086	.060	.042	.074	.052	.037	.051	.036	.026	.030	.022	.015	.010	.007	.005	
9.0	.080	.054	.037	.069	.047	.032	.048	.033	.023	.028	.019	.014	.009	.006	.004	
10.0	.075	.049	.032	.064	.043	.028	.045	.030	.020	.026	.018	.012	.008	.006	.004	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: CELESTE GLOW					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM-800 MA					DIMENSION: 1200*38*32 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	-1.6	-1.1	-1.4	-0.9	-0.8	-5.8	-5.2	-5.6	-5.0	-4.9
	3H	-1.1	-0.5	-0.9	-0.4	-0.2	-4.9	-4.3	-4.6	-4.1	-4.0
	4H	-0.5	0.0	-0.2	0.2	0.5	-4.3	-3.8	-4.1	-3.6	-3.4
	6H	0.5	1.0	0.8	1.2	1.5	-3.6	-3.1	-3.4	-2.9	-2.7
	8H	1.2	1.7	1.5	2.0	2.2	-3.2	-2.8	-3.0	-2.5	-2.3
	12H	2.1	2.6	2.4	2.9	3.1	-2.6	-2.2	-2.3	-1.9	-1.6
4H	2H	-1.7	-1.2	-1.4	-1.0	-0.7	-5.3	-4.8	-5.1	-4.6	-4.4
	3H	-1.1	-0.6	-0.8	-0.4	-0.1	-3.6	-3.1	-3.2	-2.8	-2.6
	4H	-0.4	0.0	-0.1	0.3	0.6	-2.5	-2.0	-2.1	-1.7	-1.4
	6H	0.8	1.2	1.2	1.5	1.9	-1.4	-1.0	-1.0	-0.7	-0.3
	8H	1.7	2.1	2.1	2.5	2.8	-0.8	-0.5	-0.5	-0.1	0.2
	12H	2.9	3.3	3.3	3.6	4.0	-0.1	0.2	0.3	0.6	1.0
8H	4H	-0.2	0.1	0.2	0.5	0.9	-1.9	-1.5	-1.5	-1.2	-0.8
	6H	1.0	1.3	1.5	1.7	2.1	-0.0	0.3	0.4	0.7	1.1
	8H	2.0	2.3	2.5	2.7	3.2	0.9	1.2	1.4	1.6	2.1
	12H	3.5	3.7	3.9	4.1	4.6	2.0	2.2	2.4	2.7	3.1
12H	4H	-0.1	0.2	0.3	0.6	1.0	-1.9	-1.5	-1.5	-1.2	-0.8
	6H	1.2	1.5	1.7	1.9	2.3	0.2	0.4	0.6	0.8	1.3
	8H	2.2	2.5	2.7	2.9	3.4	1.4	1.6	1.9	2.1	2.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.8 / - 0.6					+ 0.3 / - 0.2				
1.5H		+ 1.6 / - 0.7					+ 0.2 / - 0.5				
2.0H		+ 1.0 / - 0.6					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 2427 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 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) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	81	90	85	81	89	84	81	78
0.80	97	92	89	97	92	89	96	91	88	85
1.00	101	96	93	100	96	93	99	95	92	88
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

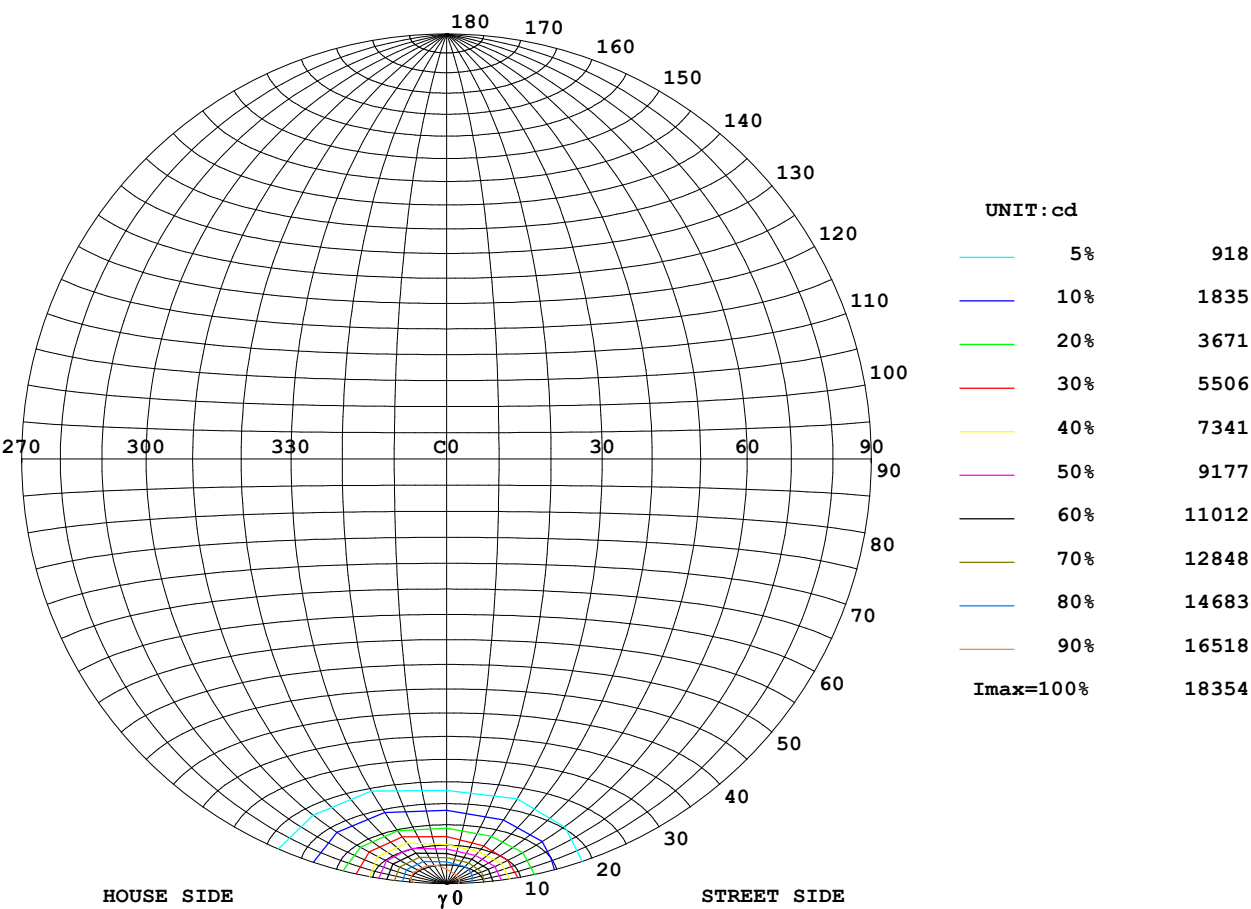
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

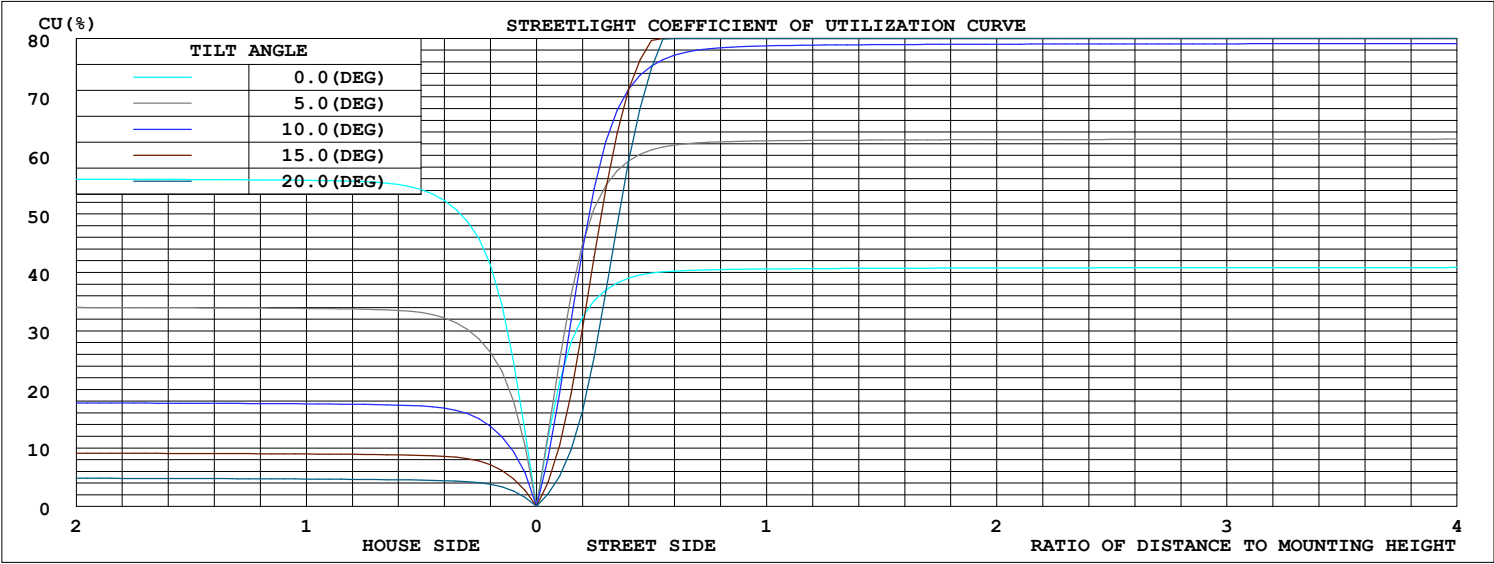
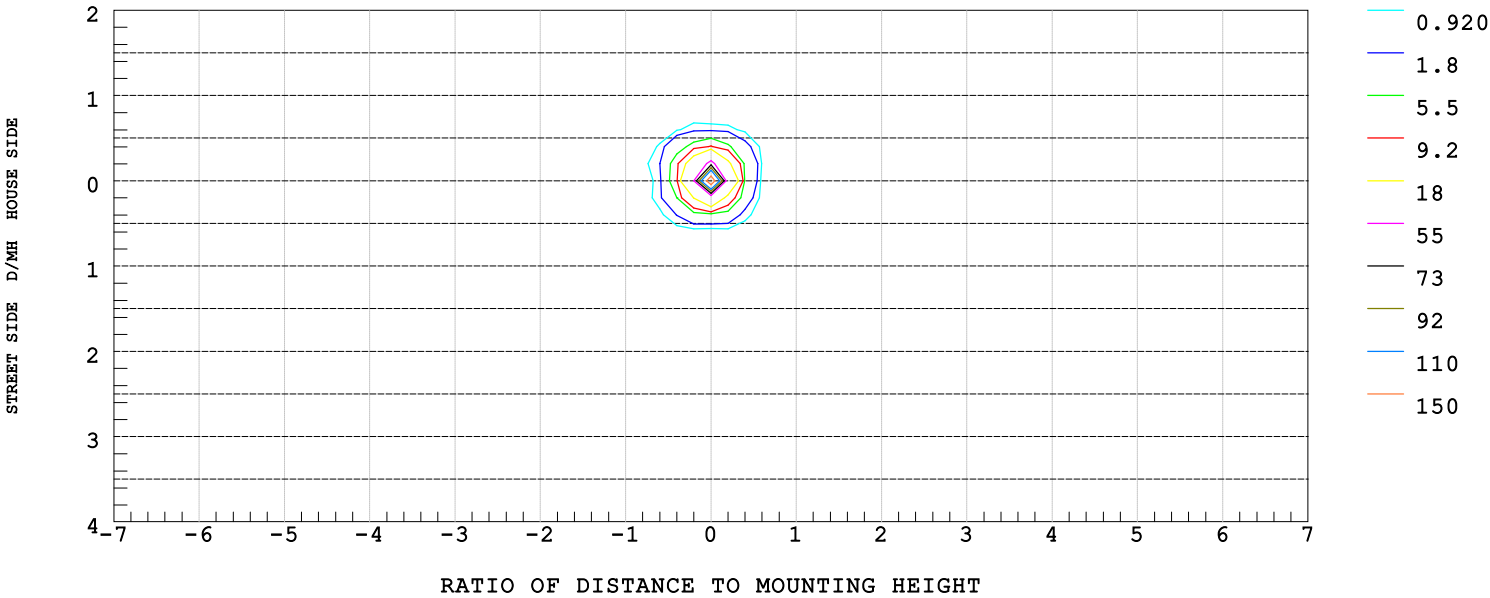
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 183.54 lx



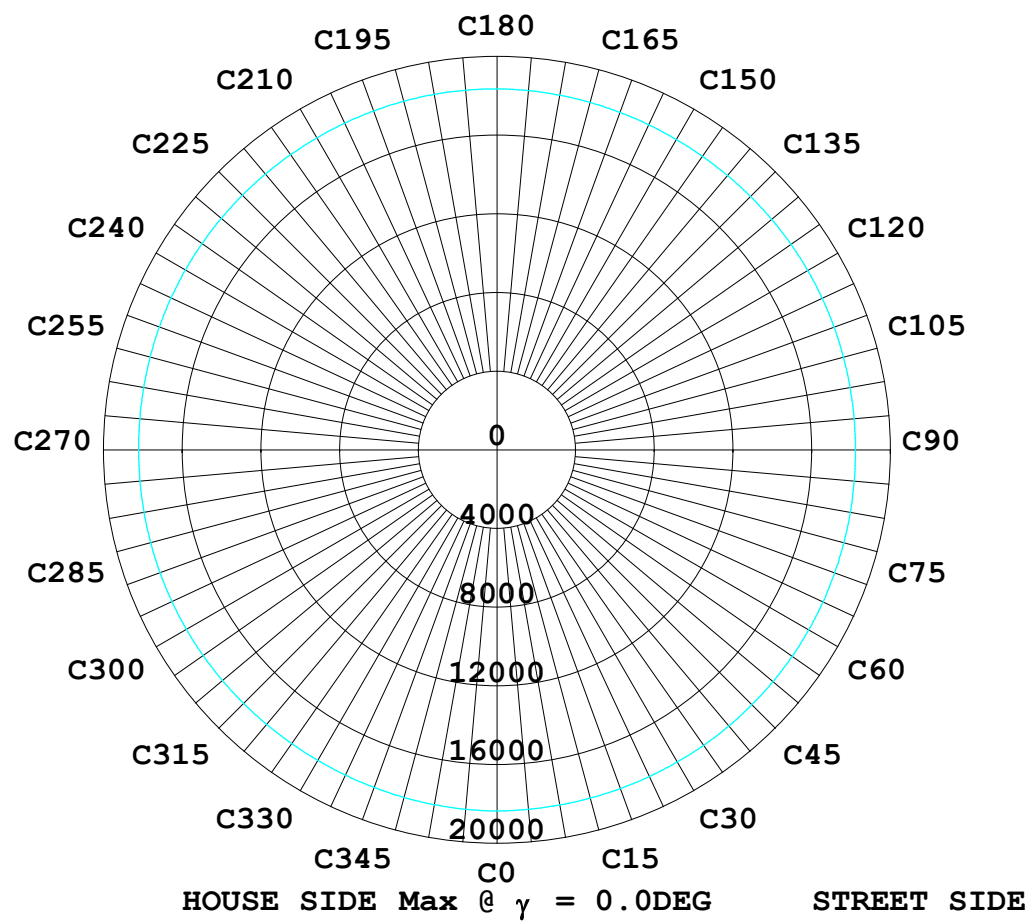
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: CELESTE GLOW	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-800 MA	DIMENSION: 1200*38*32 MM	SERIAL No.:

UNIT: ;Å10cd

C (DEG)												
γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1835	1832	1830	1822	1824	1822	1835	1832	1830	1822	1824	1822
5.0	1598	1494	1388	1307	1282	1277	1456	1566	1625	1699	1714	1732
10.0	744	614	544	498	471	491	578	679	778	883	928	945
15.0	285	243	208	166	182	166	199	248	278	285	334	354
20.0	137	123	94.6	64.3	84.0	76.3	80.6	115	134	149	157	170
25.0	61.7	62.3	42.8	19.6	38.5	33.6	30.5	55.0	70.8	64.1	81.9	90.5
30.0	25.2	31.0	16.9	5.10	15.6	15.1	11.6	26.4	34.7	24.8	46.2	48.4
35.0	10.2	14.6	6.93	1.98	6.62	6.94	4.72	12.5	14.5	7.81	16.4	22.6
40.0	3.94	6.17	3.40	0.94	3.39	2.87	1.91	6.66	2.90	3.22	4.40	10.1
45.0	2.60	1.58	2.16	0.54	2.15	1.20	1.08	3.27	1.12	2.10	1.25	3.71
50.0	1.97	1.14	1.69	0.41	1.63	0.73	0.75	2.15	0.79	1.62	0.92	2.63
55.0	1.51	0.65	1.16	0.19	1.16	0.47	0.53	1.61	0.44	1.18	0.61	1.99
60.0	1.08	0.34	0.99	0.20	0.97	0.20	0.35	1.22	0.18	1.02	0.17	1.38
65.0	0.96	0.20	0.88	0.19	0.87	0.20	0.37	0.92	0.19	0.90	0.19	0.98
70.0	0.86	0.20	0.80	0.20	0.80	0.21	0.37	0.83	0.18	0.81	0.19	0.87
75.0	0.78	0.22	0.74	0.20	0.72	0.21	0.39	0.76	0.20	0.74	0.19	0.78
80.0	0.72	0.24	0.68	0.22	0.67	0.22	0.41	0.69	0.21	0.68	0.20	0.72
85.0	0.68	0.25	0.63	0.24	0.63	0.25	0.42	0.63	0.22	0.63	0.21	0.65
90.0	0.61	0.32	0.59	0.31	0.59	0.32	0.57	0.55	0.28	0.56	0.27	0.58

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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