

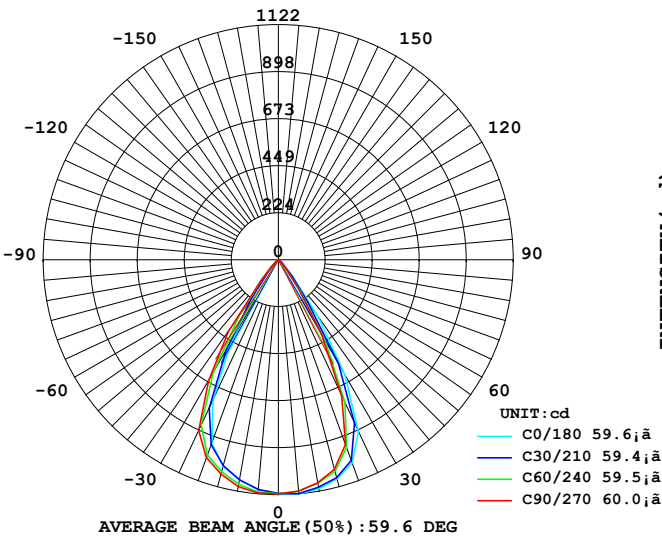
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

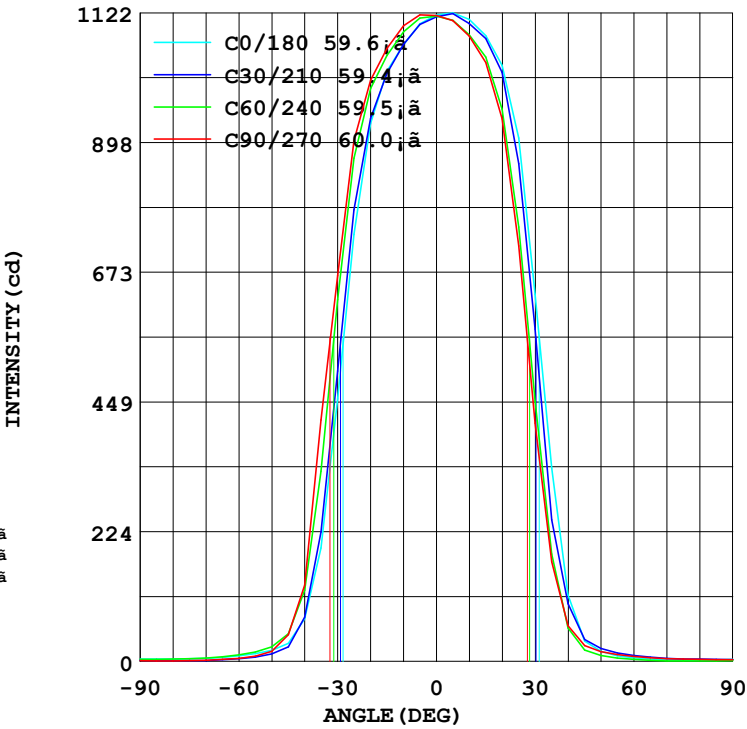
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1125	S/MH (C0/180)	0.83
MODEL	GE 50	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.95
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	994.64	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	125.1	Current (A)	0.036
NOMINAL FLUX (lm)	994.6	η up (%)	0.0	Power (W)	7.950
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.979
TEST VOLTAGE (V)	219.8	Effictive Flux(lm)	939.3	EEI	0.109

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

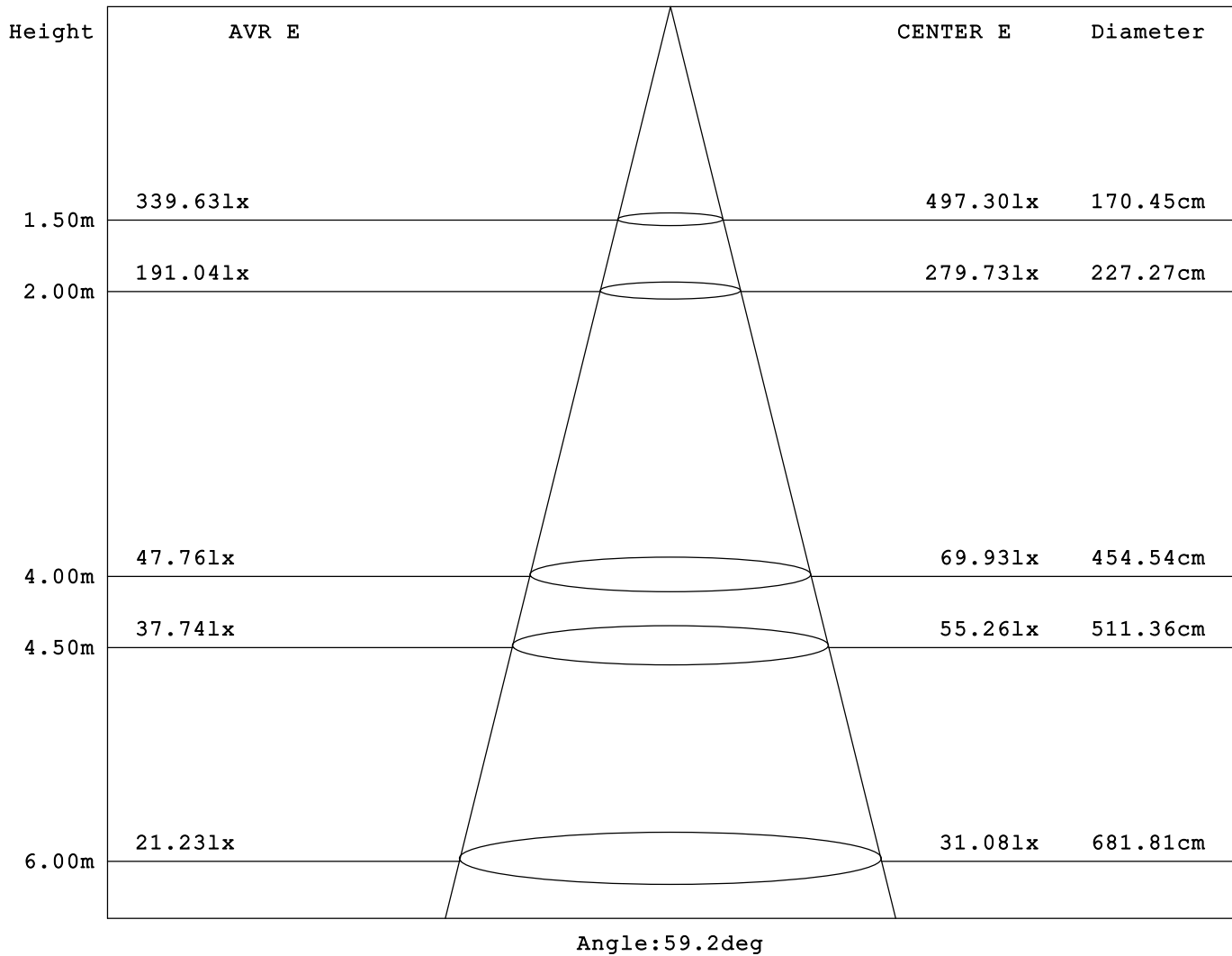
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1067	1079	1100	1115	1111	1094	1082	1064	0- 10	105.3	105.3
20.0	931.1	965.4	1005	1033	1031	987.1	938.7	911.0	10- 20	293.4	398.8
30.0	454.4	564.2	667.6	691.9	635.3	512.8	412.4	421.2	20- 30	359.7	758.6
40.0	74.00	99.99	131.9	144.4	114.7	79.10	61.73	54.55	30- 40	179.6	938.2
50.0	19.31	18.95	17.50	22.69	17.23	16.24	17.14	13.22	40- 50	34.73	972.9
60.0	9.747	8.032	5.415	8.573	6.407	6.904	8.483	5.911	50- 60	10.51	983.4
70.0	5.505	3.790	1.895	4.061	3.158	3.294	4.693	2.797	60- 70	5.241	988.7
80.0	4.241	2.707	0.993	2.572	2.527	2.391	3.610	2.256	70- 80	3.127	991.8
90.0	4.061	2.797	1.624	2.527	3.790	2.166	2.797	2.030	80- 90	2.787	994.6
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:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	466	124
80	244	57
75	178	45
70	161	55
65	169	79
60	195	108
55	234	162
50	300	272
45	445	657

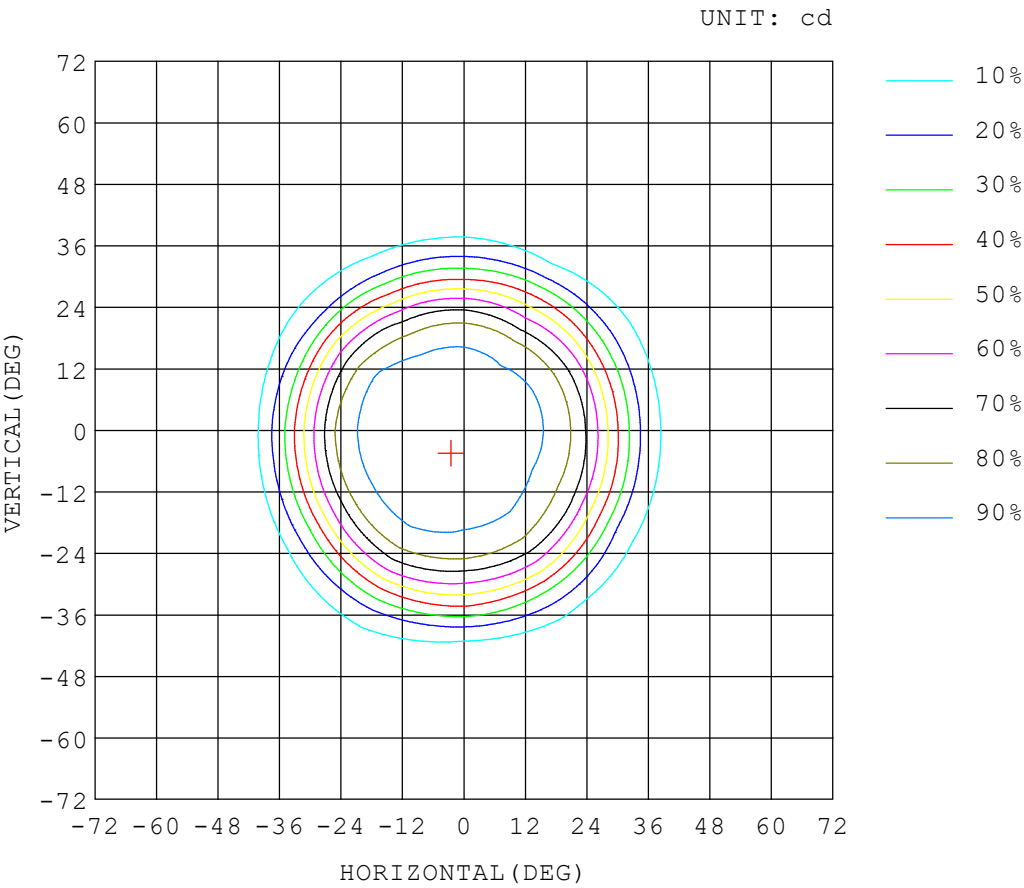
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



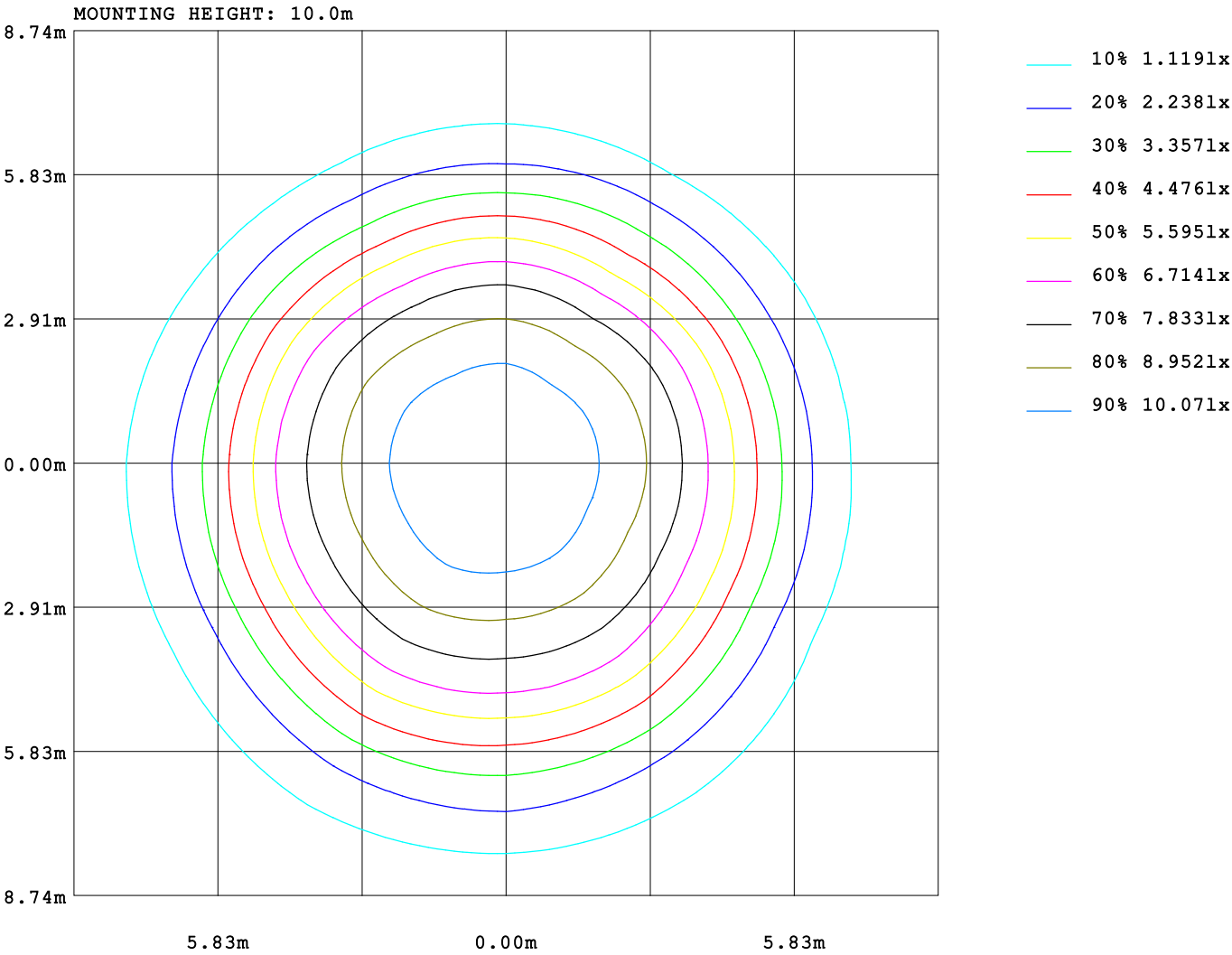
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:

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

NAME: GE 50

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-66 CUTOUT-56 H-62 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72			
72	0.02	0.04	0.04	0.04	0.03	0.02	0.04	0.07	0.09	0.09	0.07	0.04	0.02	0.03	0.04	0.04	0.04	0.03	0.79	0.00		
64	0.03	0.04	0.05	0.06	0.06	0.05	0.08	0.12	0.15	0.15	0.11	0.07	0.04	0.05	0.05	0.05	0.04	0.03	1.21	0.00		
56	0.03	0.05	0.07	0.09	0.10	0.10	0.14	0.21	0.27	0.27	0.20	0.12	0.09	0.09	0.08	0.06	0.04	0.03	2.03	0.00		
48	0.03	0.05	0.10	0.14	0.18	0.23	0.30	0.51	0.68	0.65	0.46	0.26	0.19	0.15	0.12	0.08	0.05	0.03	4.20	0.00		
40	0.03	0.06	0.12	0.21	0.34	0.63	1.25	2.27	3.08	2.92	1.89	0.93	0.47	0.27	0.18	0.11	0.06	0.03	14.8	8.01		
32	0.03	0.06	0.14	0.30	0.76	2.13	4.98	8.24	10.2	9.94	7.51	3.99	1.52	0.54	0.25	0.14	0.07	0.04	50.9	46.8		
24	0.03	0.07	0.16	0.43	1.69	5.55	11.5	15.6	17.6	17.1	14.2	9.66	4.12	1.15	0.35	0.16	0.08	0.04	99.7	96.7		
16	0.03	0.07	0.18	0.63	3.08	9.73	16.5	19.5	20.5	20.1	18.4	14.3	7.32	2.03	0.48	0.19	0.09	0.04	133	131		
8	0.03	0.07	0.18	0.79	4.39	12.2	18.3	20.7	21.5	21.2	19.7	16.3	9.40	2.79	0.59	0.20	0.10	0.05	149	146		
0	0.03	0.06	0.18	0.81	4.61	12.5	18.4	20.8	21.7	21.3	19.7	16.5	9.69	2.90	0.59	0.20	0.09	0.04	150	148		
-8	0.02	0.06	0.16	0.65	3.60	10.7	17.2	20.1	21.1	20.7	19.0	15.2	8.14	2.26	0.48	0.17	0.08	0.04	140	138		
-16	0.02	0.05	0.13	0.42	2.09	7.37	14.1	18.3	19.4	19.0	17.0	12.0	5.24	1.32	0.31	0.14	0.07	0.04	117	115		
-24	0.02	0.04	0.09	0.25	0.95	3.57	8.56	12.9	14.6	14.2	11.5	6.78	2.48	0.61	0.20	0.10	0.05	0.03	77.1	74.1		
-32	0.02	0.03	0.07	0.15	0.42	1.25	3.10	5.31	6.73	6.41	4.52	2.35	0.90	0.32	0.13	0.07	0.04	0.03	31.8	27.4		
-40	0.01	0.02	0.05	0.11	0.23	0.47	0.86	1.22	1.38	1.30	1.03	0.68	0.39	0.20	0.10	0.05	0.03	0.02	8.17	0.74		
-48	0.01	0.02	0.03	0.08	0.15	0.25	0.32	0.34	0.32	0.31	0.31	0.29	0.23	0.14	0.07	0.03	0.02	0.02	2.94	0.00		
-56	0.01	0.01	0.03	0.06	0.10	0.15	0.17	0.16	0.13	0.13	0.15	0.16	0.14	0.09	0.05	0.02	0.02	0.02	1.60	0.00		
-64	0.01	0.01	0.02	0.04	0.07	0.10	0.10	0.08	0.06	0.06	0.08	0.09	0.10	0.07	0.04	0.02	0.02	0.02	1.00	0.00		
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	0	8	16	24	32	40	48	56	64	72				
Φ t	0.41	0.82	1.78	5.24	22.8	67.1	116	147	160	156	136	99.9	50.5	15.0	4.10	1.83	1.00	0.57	995			
Φ a	0.00	0.00	0.00	0.00	17.6	63.3	113	144	157	153	133	96.2	46.4	9.16	0.00	0.00	0.00	0.00		939		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:

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

NAME: GE 50

TYPE: 5700K CRI-90

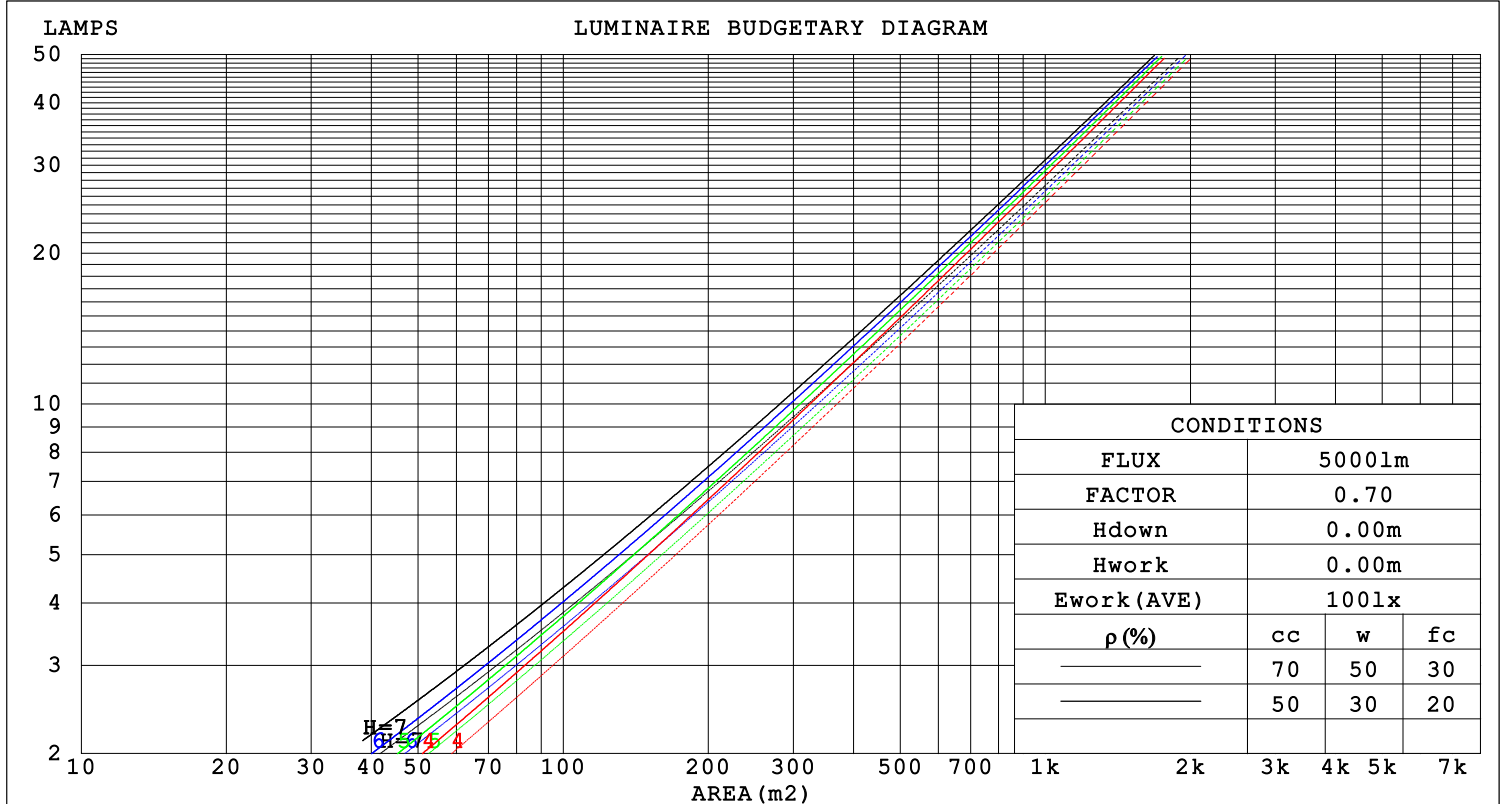
WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: D-66 CUTOUT-56 H-62 MM

SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER:														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: GE 50					TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-66 CUTOUT-56 H-62 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	.178	.101	.032	.172	.098	.031	.159	.091	.029	.147	.085	.027	.137	.079	.026	
2.0	.169	.093	.028	.164	.090	.028	.153	.085	.026	.143	.080	.025	.134	.076	.024	
3.0	.161	.085	.026	.156	.083	.025	.147	.080	.024	.138	.076	.023	.131	.072	.022	
4.0	.153	.079	.023	.148	.078	.023	.141	.075	.022	.133	.072	.022	.127	.069	.021	
5.0	.145	.074	.021	.142	.073	.021	.135	.070	.021	.129	.068	.020	.123	.066	.020	
6.0	.139	.069	.020	.135	.068	.020	.130	.066	.019	.124	.064	.019	.119	.063	.019	
7.0	.132	.066	.019	.130	.065	.018	.124	.063	.018	.119	.061	.018	.115	.060	.018	
8.0	.127	.062	.017	.124	.061	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017	
9.0	.122	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.055	.016	
10.0	.117	.056	.016	.115	.055	.015	.111	.054	.015	.107	.053	.015	.104	.052	.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	.156	.133	.113	.134	.114	.098	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.079	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.100	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.105	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.100	.059	.031	.086	.051	.027	.059	.036	.019	.035	.021	.012	.011	.007	.004	
10.0	.095	.055	.027	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: GE 50					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-66 CUTOUT-56 H-62 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	4.2	5.2	4.5	5.3	5.5	8.1	9.1	8.3	9.2	9.4
	3H	4.2	5.1	4.5	5.3	5.5	8.0	8.8	8.2	9.0	9.2
	4H	4.3	5.1	4.5	5.3	5.5	7.9	8.7	8.2	8.9	9.2
	6H	4.4	5.2	4.7	5.4	5.7	7.8	8.6	8.1	8.8	9.1
	8H	4.6	5.3	4.9	5.6	5.8	7.8	8.5	8.1	8.8	9.0
	12H	4.9	5.6	5.2	5.8	6.1	7.8	8.5	8.1	8.7	9.0
4H	2H	4.1	4.9	4.3	5.1	5.3	7.9	8.7	8.2	8.9	9.1
	3H	4.1	4.8	4.4	5.0	5.3	7.8	8.5	8.1	8.7	9.0
	4H	4.1	4.7	4.5	5.0	5.4	7.7	8.4	8.1	8.7	9.0
	6H	4.3	4.9	4.7	5.2	5.6	7.7	8.2	8.1	8.6	8.9
	8H	4.6	5.1	5.0	5.5	5.8	7.7	8.2	8.1	8.5	8.9
	12H	5.1	5.5	5.5	5.9	6.3	7.7	8.1	8.1	8.5	8.9
8H	4H	4.1	4.6	4.4	4.9	5.3	7.6	8.1	8.0	8.5	8.9
	6H	4.3	4.7	4.7	5.1	5.5	7.6	8.1	8.1	8.5	8.9
	8H	4.6	5.0	5.1	5.4	5.8	7.7	8.1	8.1	8.5	8.9
	12H	5.2	5.6	5.7	6.0	6.5	7.8	8.1	8.2	8.5	9.0
12H	4H	4.1	4.5	4.5	4.9	5.3	7.6	8.0	8.0	8.4	8.8
	6H	4.3	4.7	4.8	5.1	5.6	7.6	8.0	8.1	8.4	8.9
	8H	4.7	5.0	5.1	5.4	5.9	7.7	8.0	8.2	8.5	8.9
Variations with the observer position at spacings:											
S = 1.0H		+ 1.8 / - 2.3					+ 2.9 / - 4.5				
1.5H		+ 3.6 / - 2.7					+ 5.1 / - 4.6				
2.0H		+ 2.6 / - 1.3					+ 3.7 / - 1.8				

CIE Pub.117 Corrected 994.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	81	78	74
0.80	95	90	86	95	89	86	94	89	85	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	102	98	95	101	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

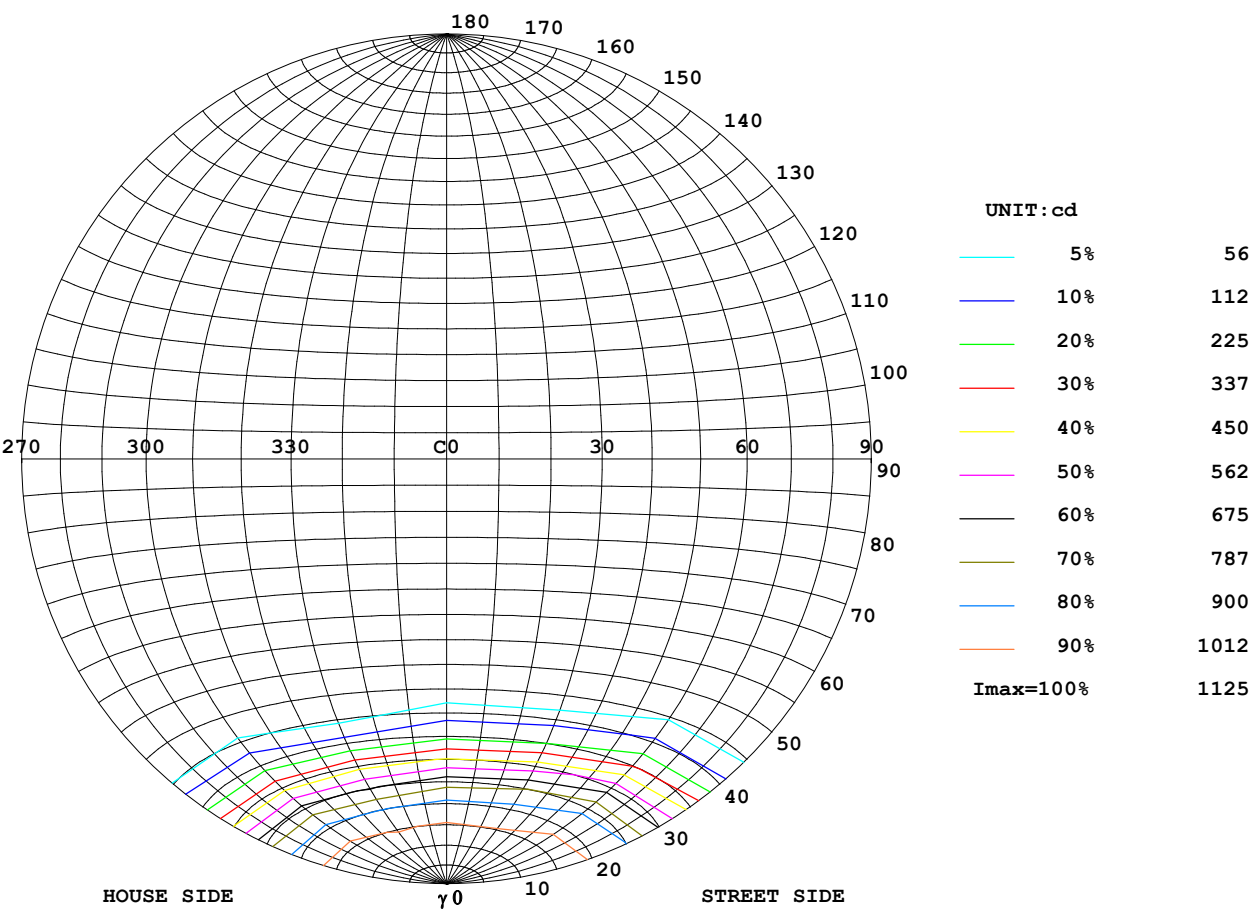
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

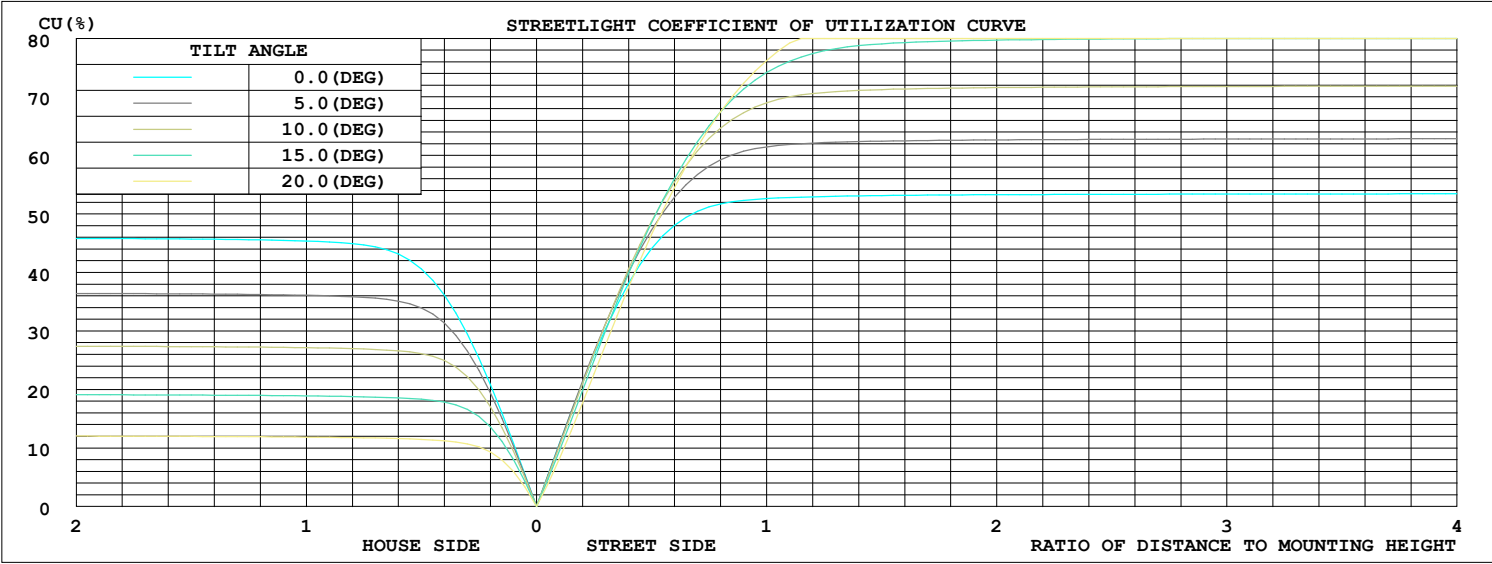
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 11.19 lx



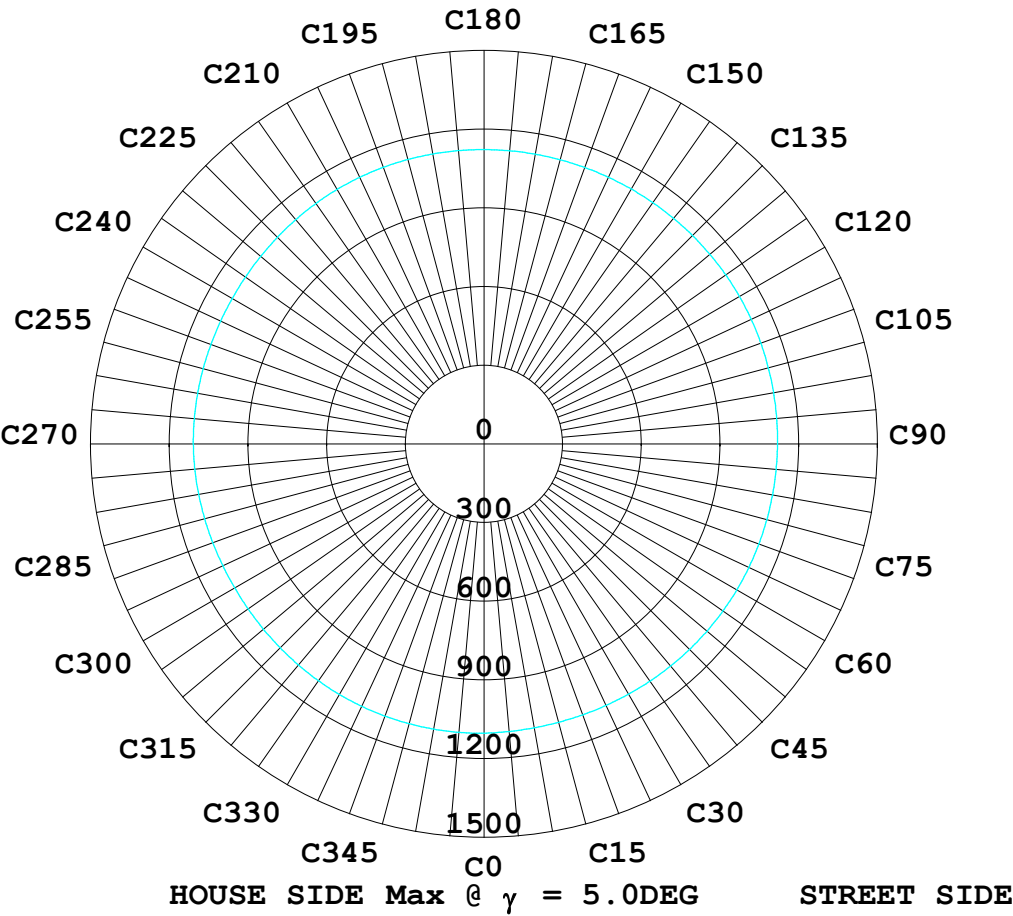
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1119	1115	1116	1118	1116	1118	1119	1115	1116	1118	1116	1118
5.0	1103	1102	1113	1119	1125	1122	1122	1121	1109	1109	1098	1103
10.0	1067	1068	1089	1100	1118	1112	1111	1104	1084	1082	1061	1067
15.0	1021	1018	1048	1060	1084	1075	1083	1078	1045	1036	1006	1020
20.0	931	940	991	1005	1038	1028	1031	1019	955	939	898	924
25.0	739	782	871	901	943	912	906	861	752	719	666	720
30.0	454	503	626	668	722	662	635	575	451	412	415	427
35.0	196	224	329	418	418	349	335	245	186	172	136	179
40.0	74.0	76.5	123	132	165	124	115	100	58.1	61.7	42.9	66.1
45.0	31.4	25.1	47.9	46.4	64.5	39.9	35.3	37.8	19.4	27.5	16.3	28.4
50.0	19.3	12.9	24.9	17.5	28.6	16.6	17.2	22.2	10.2	17.1	8.75	17.6
55.0	13.4	7.58	16.0	9.29	17.5	8.84	9.83	14.4	5.95	11.7	5.14	12.1
60.0	9.74	4.87	11.1	5.41	11.9	5.23	6.40	10.1	3.61	8.48	3.06	8.75
65.0	7.12	2.88	8.03	3.33	8.48	3.15	4.42	7.40	2.07	6.13	1.71	6.40
70.0	5.50	1.62	5.95	1.89	6.31	1.80	3.15	5.50	1.08	4.69	0.90	4.69
75.0	4.60	1.26	4.51	1.17	4.78	1.17	2.52	4.33	0.81	3.97	0.81	3.88
80.0	4.24	1.35	4.06	0.99	4.06	1.08	2.52	3.88	0.90	3.61	0.90	3.61
85.0	4.06	1.53	3.79	1.08	3.88	1.08	2.70	3.51	0.99	3.24	0.90	3.24
90.0	4.06	2.16	3.42	1.62	3.42	1.62	3.79	3.06	1.26	2.79	1.26	2.79

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K