

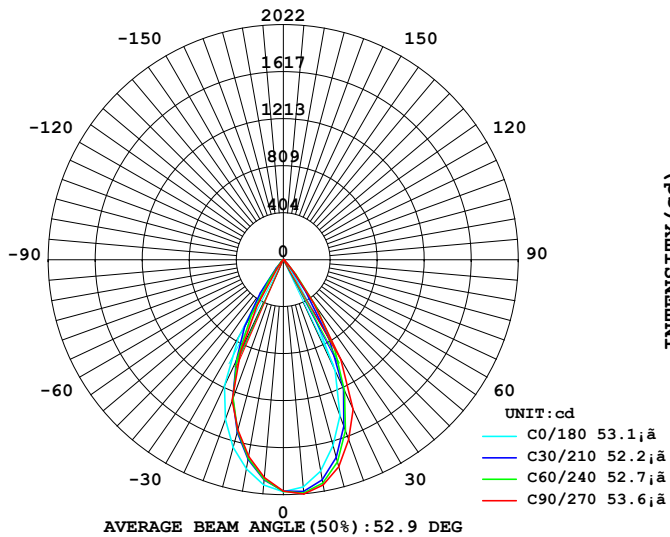
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

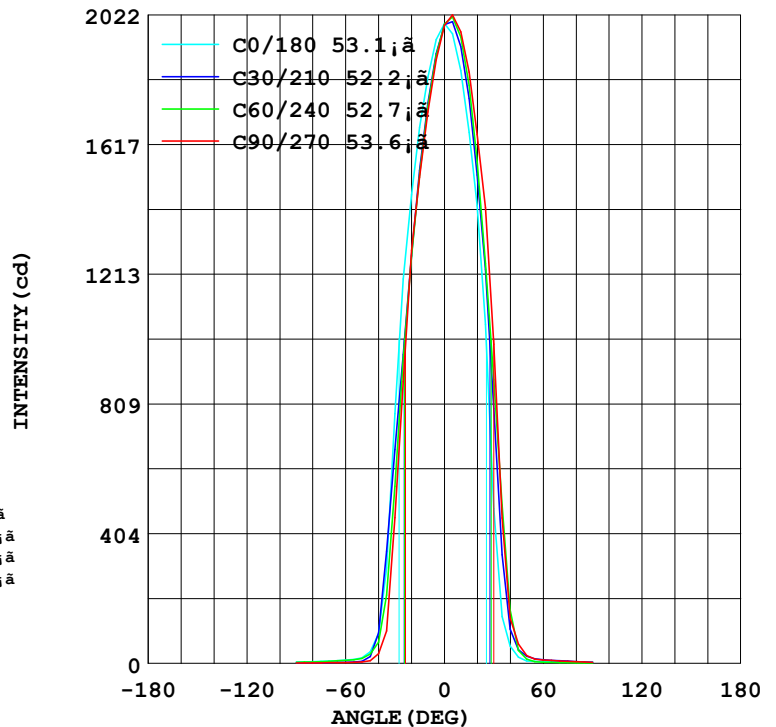
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2022	S/MH (C0/180)	0.82
MODEL	KYGX BRIGHT HEAD	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1422.6	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	117.6	Current (A)	0.051
NOMINAL FLUX (lm)	1422.7	η up (%)	0.0	Power (W)	12.10
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	1342.6	EEI	0.123

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-23-2025

Test Set: 5.0 deg/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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

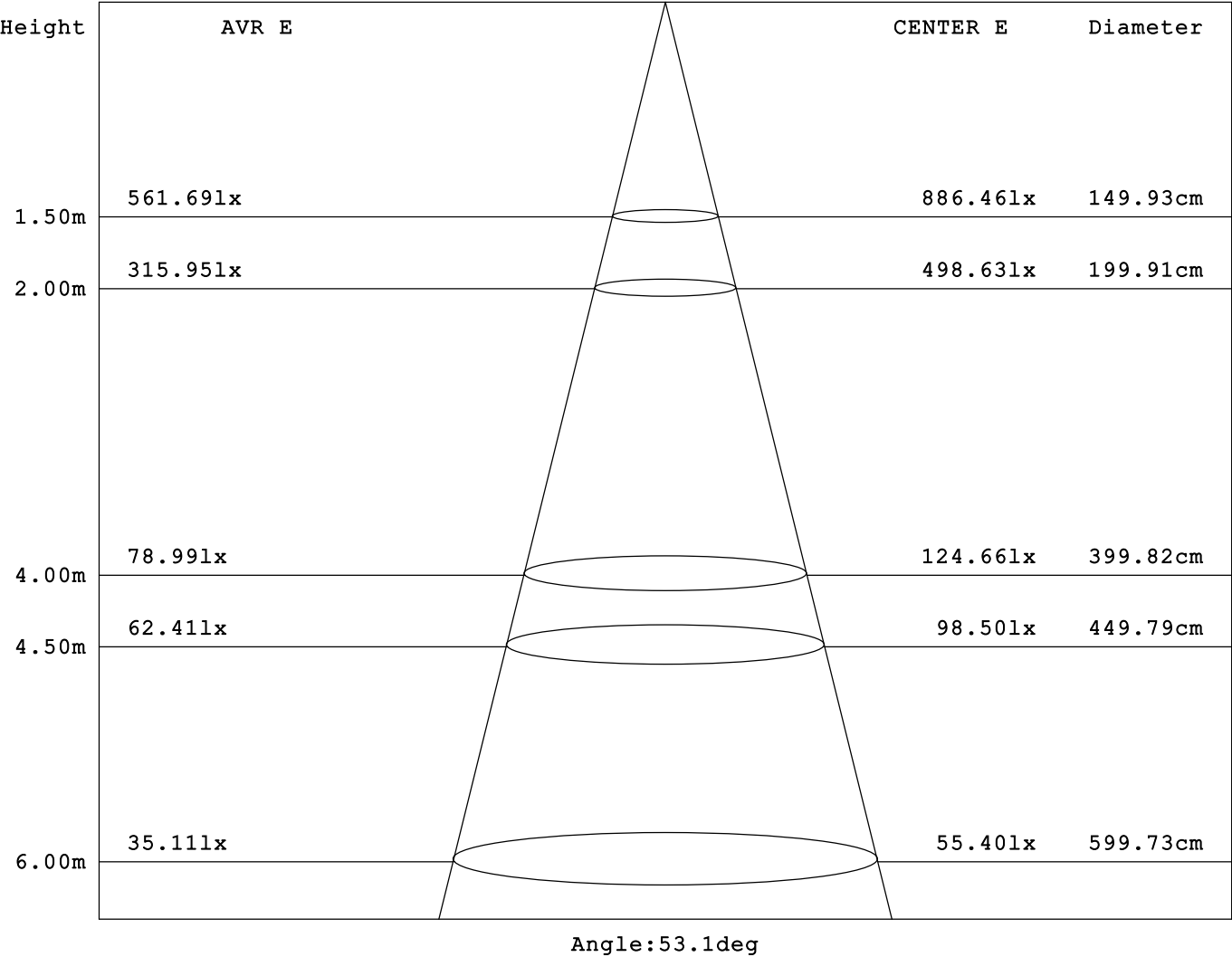
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
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SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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Humidity:65.0%
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Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1827	1741	1720	1759	1848	1937	1968	1917	0- 10	182.8	182.8
20.0	1461	1271	1287	1243	1427	1544	1648	1554	10- 20	461.3	644.2
30.0	778.2	609.0	454.7	511.2	482.3	839.3	994.5	942.8	20- 30	495.3	1140
40.0	92.95	80.90	30.59	52.48	53.96	137.1	142.0	205.2	30- 40	223.5	1363
50.0	17.23	10.83	4.512	11.01	7.490	17.77	24.00	23.14	40- 50	35.96	1399
60.0	10.37	6.678	2.978	7.355	5.144	7.942	10.83	7.220	50- 60	9.021	1408
70.0	7.400	4.693	2.346	5.234	5.776	5.415	7.490	4.963	60- 70	6.199	1414
80.0	5.415	3.294	1.624	3.519	4.241	3.835	5.324	3.474	70- 80	4.729	1419
90.0	4.241	2.933	1.985	2.888	4.241	2.707	3.790	2.662	80- 90	3.607	1423
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:09-23-2025

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

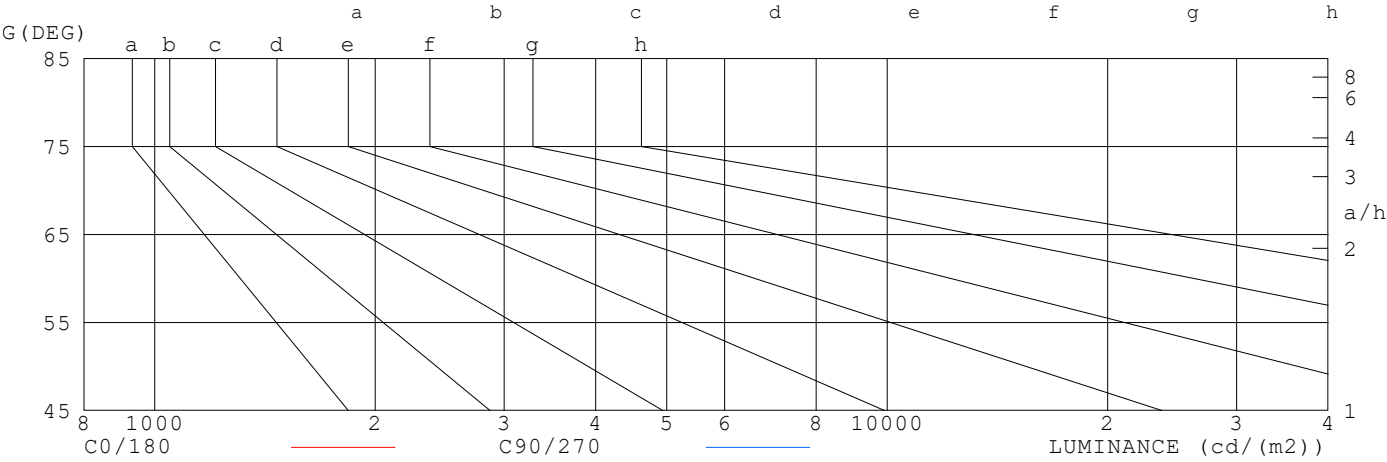
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 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	559	186
80	312	94
75	244	70
70	216	69
65	207	64
60	208	60
55	220	63
50	268	70
45	521	115

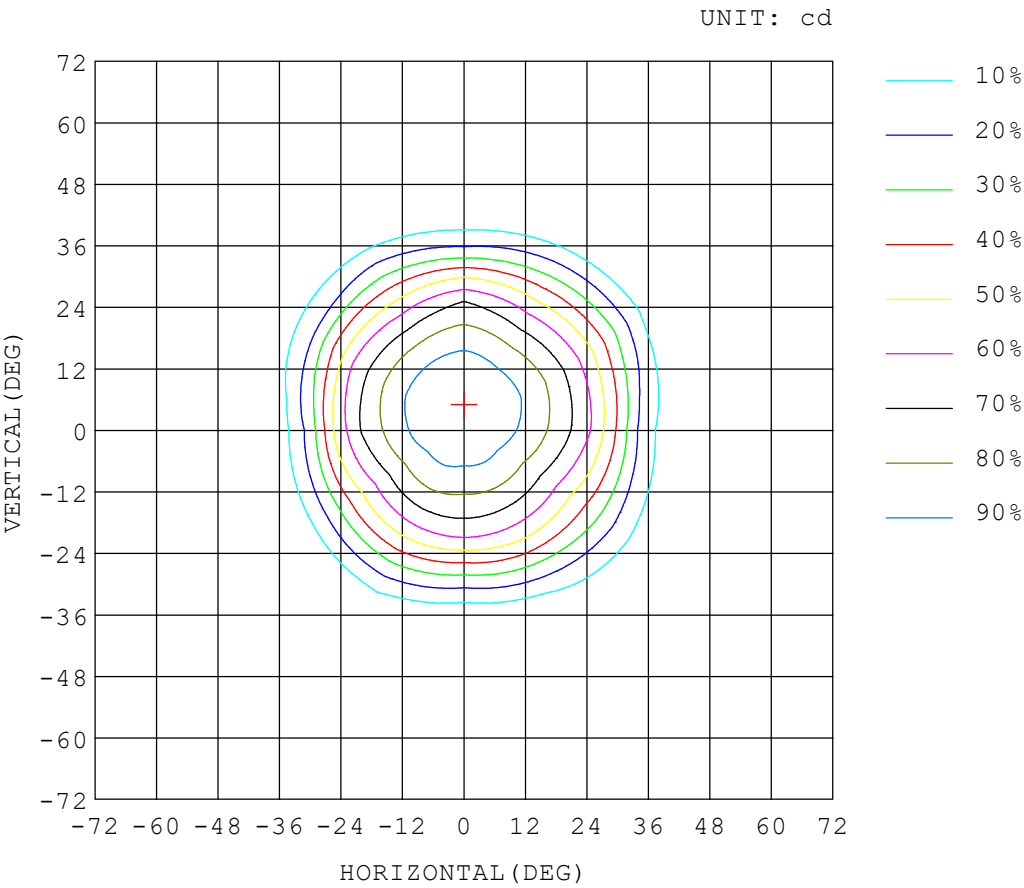
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



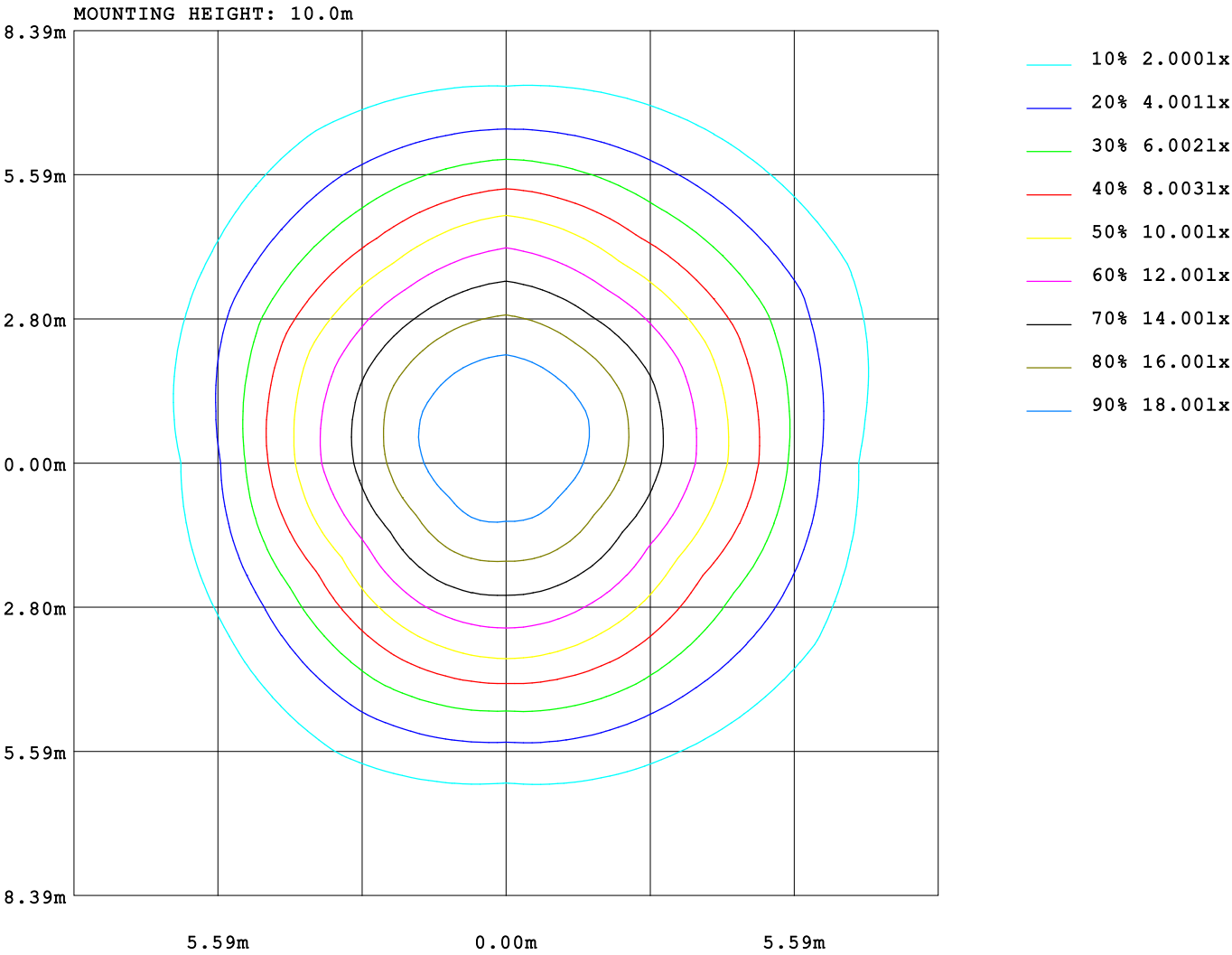
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: L-69 W-69 H-31 MM

SERIAL No.:

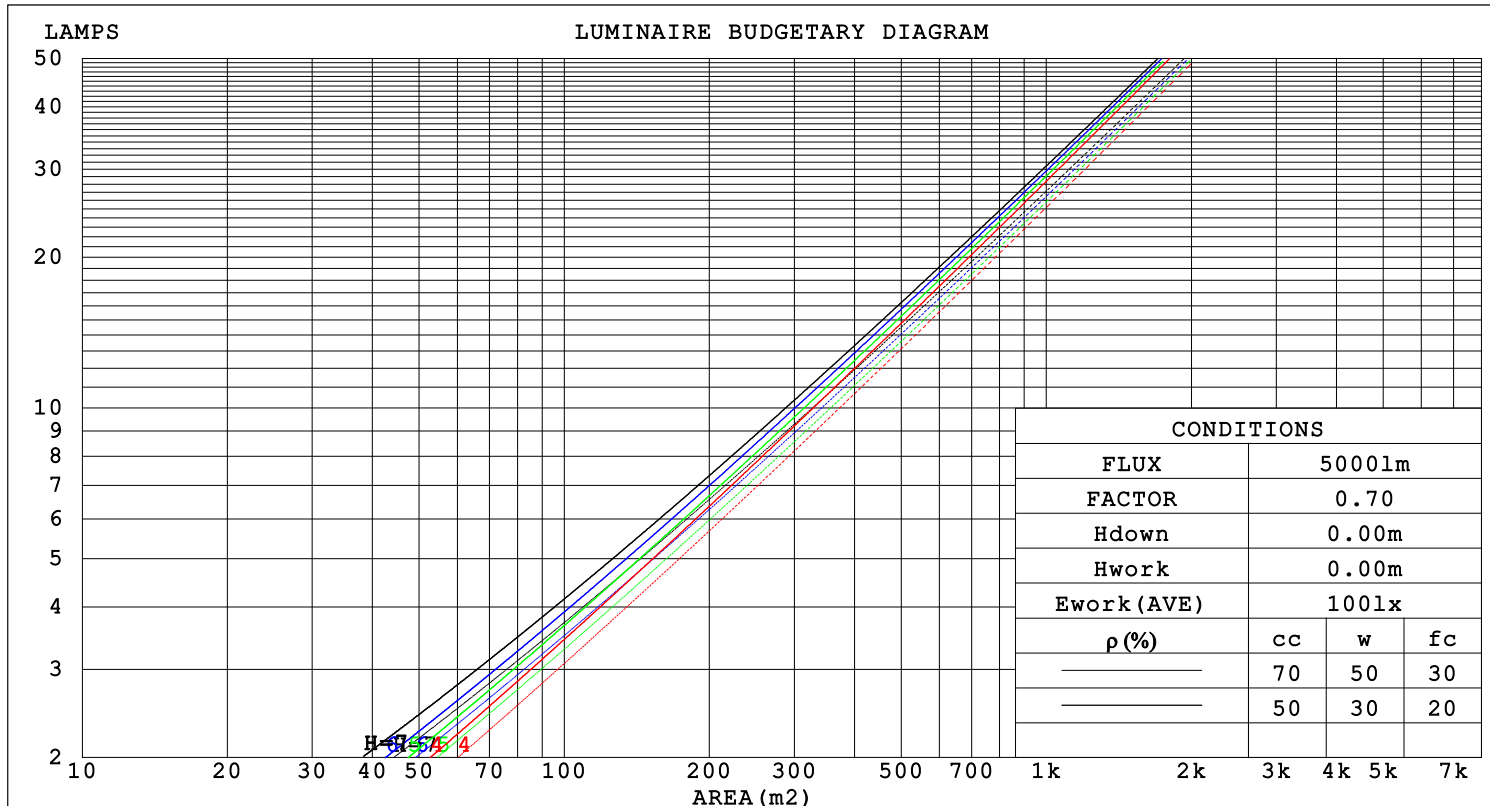
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.04	0.06	0.07	0.07	0.06	0.05	0.08	0.11	0.14	0.14	0.11	0.07	0.05	0.06	0.06	0.06	0.05	0.04	1.31	0.00		
72	0.04	0.06	0.07	0.07	0.06	0.05	0.08	0.11	0.14	0.14	0.11	0.07	0.05	0.06	0.06	0.06	0.05	0.04	1.31	0.00		
64	0.04	0.07	0.08	0.09	0.08	0.07	0.10	0.14	0.19	0.19	0.14	0.09	0.06	0.08	0.08	0.08	0.06	0.04	1.68	0.00		
56	0.04	0.07	0.10	0.12	0.12	0.10	0.15	0.26	0.37	0.38	0.28	0.17	0.11	0.11	0.10	0.09	0.07	0.04	2.68	0.00		
48	0.05	0.08	0.12	0.15	0.18	0.29	0.57	1.13	1.51	1.56	1.23	0.68	0.36	0.20	0.14	0.11	0.08	0.05	8.50	0.00		
40	0.05	0.08	0.13	0.21	0.39	1.07	3.19	5.96	7.80	7.93	6.32	3.70	1.47	0.53	0.23	0.13	0.08	0.05	39.3	29.4		
32	0.05	0.08	0.13	0.30	0.90	3.60	9.99	16.5	21.2	21.3	17.1	11.4	5.30	1.48	0.40	0.15	0.09	0.05	110	105		
24	0.05	0.07	0.13	0.38	1.78	7.98	18.0	25.8	30.7	30.7	26.0	19.6	11.2	3.33	0.60	0.18	0.10	0.06	177	173		
	0.04	0.07	0.13	0.47	2.65	11.8	23.9	31.9	36.4	36.1	31.9	25.0	15.0	4.78	0.82	0.20	0.10	0.06	222	218		
	0.04	0.06	0.11	0.46	2.78	12.9	25.8	34.1	38.4	38.2	33.9	26.7	16.4	4.98	0.83	0.20	0.10	0.06	236	233		
	0.04	0.05	0.09	0.38	2.33	11.6	23.8	31.8	36.4	36.1	31.8	24.8	15.1	4.39	0.70	0.18	0.10	0.06	220	216		
	0.04	0.05	0.08	0.29	1.61	8.29	18.5	26.8	31.4	31.2	27.0	19.8	11.5	3.31	0.52	0.14	0.09	0.05	181	177		
-24	0.04	0.05	0.07	0.18	0.83	4.30	12.1	19.6	23.6	23.7	20.0	13.7	6.99	1.75	0.28	0.11	0.07	0.05	128	123		
-32	0.04	0.05	0.07	0.11	0.35	1.54	5.18	9.70	12.0	12.1	9.89	6.05	2.53	0.58	0.13	0.08	0.06	0.04	60.5	54.4		
-40	0.03	0.04	0.06	0.09	0.19	0.49	1.30	2.19	2.49	2.50	2.21	1.43	0.63	0.20	0.08	0.06	0.05	0.04	14.1	3.13		
-48	0.03	0.04	0.05	0.09	0.14	0.24	0.37	0.41	0.35	0.36	0.44	0.39	0.24	0.13	0.07	0.04	0.04	0.03	3.47	0.00		
-56	0.03	0.04	0.05	0.08	0.12	0.18	0.20	0.17	0.11	0.11	0.16	0.19	0.17	0.11	0.07	0.04	0.03	0.03	1.89	0.00		
-64	0.02	0.03	0.04	0.07	0.10	0.14	0.14	0.12	0.08	0.08	0.11	0.14	0.14	0.10	0.06	0.03	0.02	0.02	1.46	0.00		
-72	0.02	0.02	0.04	0.06	0.09	0.11	0.10	0.09	0.06	0.06	0.09	0.10	0.11	0.08	0.05	0.03	0.02	0.02	1.15	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	0.67	1.00	1.55	3.59	14.7	64.8	144	207	244	243	209	154	87.4	26.2	5.23	1.93	1.20	0.77	1423			
Φ a	0.00	0.00	0.00	0.00	4.58	58.0	138	202	239	238	204	149	81.7	17.1	0.00	0.00	0.00	0.00			1343	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-23-2025

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

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	1.06	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94														
2.0	1.04	.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	.85	.82	.79	.78														
5.0	.86	.81	.77	.85	.80	.76	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73														
6.0	.82	.76	.72	.81	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69														
7.0	.77	.72	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65														
8.0	.73	.68	.64	.73	.67	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61														
9.0	.69	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.58														
10.0	.66	.61	.57	.66	.60	.57	.65	.60	.57	.64	.60	.57	.63	.59	.56	.55														



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: KYGX BRIGHT HEAD								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: L-69 W-69 H-31 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	.173	.098	.031	.166	.095	.030	.153	.088	.028	.142	.082	.026	.131	.076	.025															
2.0	.163	.089	.027	.158	.087	.027	.147	.082	.025	.137	.077	.024	.128	.073	.023															
3.0	.154	.082	.025	.150	.080	.024	.141	.076	.023	.132	.073	.022	.125	.069	.021															
4.0	.146	.076	.022	.142	.075	.022	.135	.071	.021	.128	.069	.021	.121	.066	.020															
5.0	.139	.071	.021	.136	.070	.020	.129	.067	.020	.123	.065	.019	.117	.063	.019															
6.0	.133	.067	.019	.130	.066	.019	.124	.064	.018	.119	.062	.018	.113	.060	.018															
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.059	.017	.110	.057	.017															
8.0	.122	.059	.017	.119	.059	.017	.115	.057	.016	.110	.056	.016	.106	.055	.016															
9.0	.117	.056	.016	.115	.056	.016	.110	.055	.015	.107	.053	.015	.103	.052	.015															
10.0	.112	.054	.015	.110	.053	.015	.106	.052	.015	.103	.051	.015	.100	.050	.014															

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	.108	.070	.043	.093	.061	.037	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.103	.064	.037	.088	.055	.032	.061	.039	.023	.036	.023	.014	.011	.007	.004	
9.0	.097	.058	.032	.084	.051	.028	.058	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.093	.054	.028	.080	.047	.024	.056	.033	.017	.032	.019	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: L-69 W-69 H-31 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	5.5	6.4	5.7	6.5	6.7	0.9	1.8	1.1	2.0	2.1
	3H	5.5	6.3	5.7	6.5	6.7	1.0	1.8	1.2	2.0	2.2
	4H	5.5	6.3	5.8	6.5	6.7	1.0	1.8	1.3	2.0	2.3
	6H	5.6	6.3	5.9	6.6	6.8	1.1	1.8	1.4	2.1	2.3
	8H	5.7	6.4	6.0	6.7	7.0	1.2	1.9	1.5	2.1	2.4
	12H	5.9	6.6	6.3	6.9	7.2	1.3	1.9	1.6	2.2	2.5
4H	2H	5.3	6.0	5.5	6.3	6.5	0.8	1.6	1.1	1.8	2.0
	3H	5.2	5.9	5.6	6.2	6.5	1.2	1.8	1.5	2.1	2.4
	4H	5.3	5.9	5.7	6.2	6.5	1.4	2.0	1.7	2.3	2.6
	6H	5.5	6.0	5.9	6.4	6.7	1.7	2.2	2.1	2.6	2.9
	8H	5.7	6.2	6.1	6.5	6.9	1.9	2.4	2.3	2.7	3.1
	12H	6.0	6.5	6.4	6.9	7.2	2.1	2.6	2.5	2.9	3.3
8H	4H	5.2	5.7	5.6	6.1	6.4	1.5	2.0	1.9	2.4	2.7
	6H	5.4	5.9	5.9	6.2	6.7	2.2	2.6	2.6	3.0	3.4
	8H	5.7	6.1	6.1	6.5	6.9	2.6	3.0	3.1	3.4	3.8
	12H	6.1	6.5	6.6	6.9	7.4	3.1	3.4	3.6	3.9	4.4
12H	4H	5.2	5.7	5.6	6.0	6.4	1.5	1.9	1.9	2.3	2.7
	6H	5.4	5.8	5.9	6.2	6.7	2.2	2.6	2.7	3.0	3.5
	8H	5.7	6.0	6.2	6.5	6.9	2.8	3.1	3.3	3.6	4.1
Variations with the observer position at spacings:											
S = 1.0H		+ 2.0 / - 2.2					+ 1.1 / - 0.9				
1.5H		+ 4.0 / - 2.5					+ 2.3 / - 1.2				
2.0H		+ 2.8 / - 0.7					+ 0.7 / - 0.8				

CIE Pub.117 Corrected 1423 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.2)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	96	90	87	94	90	87	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	98	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

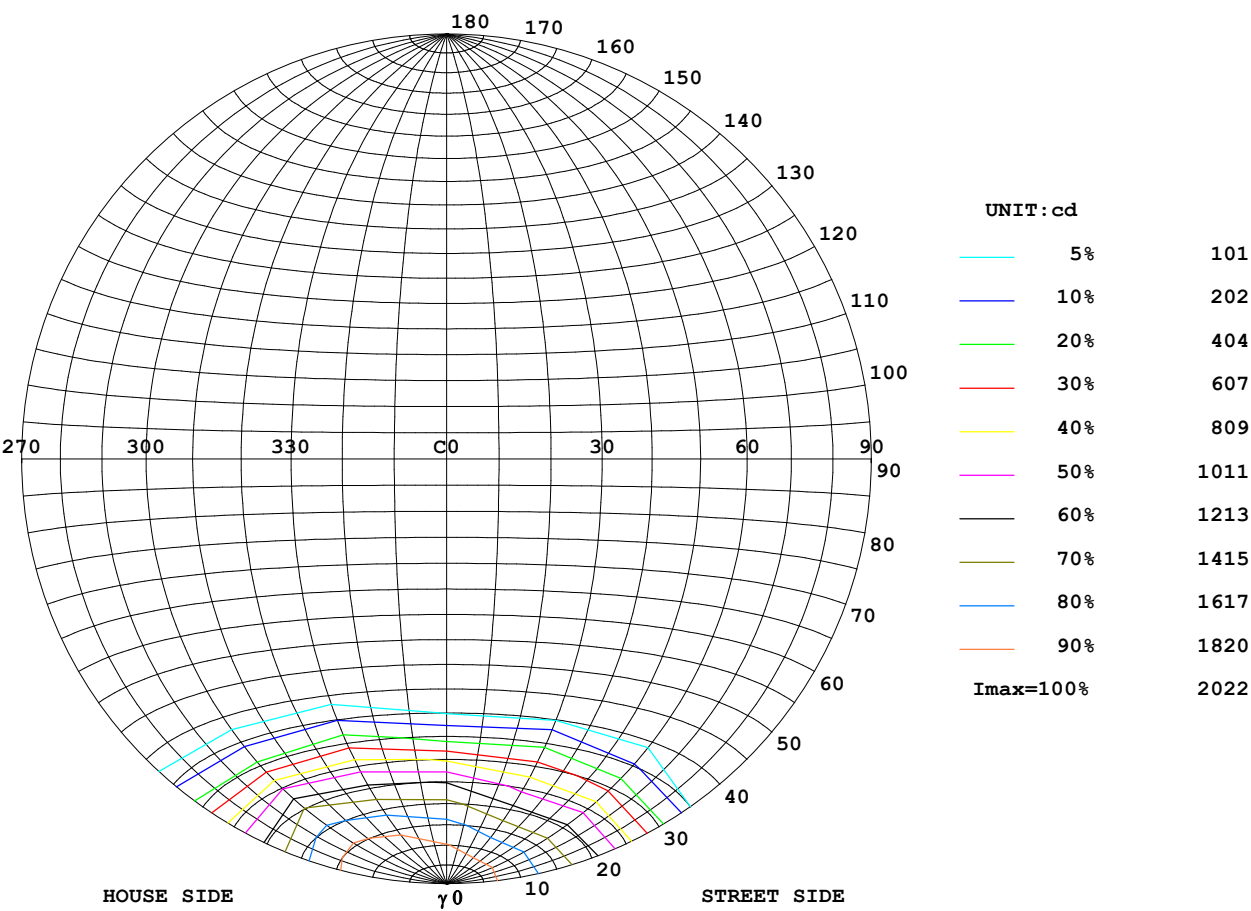
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-23-2025

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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

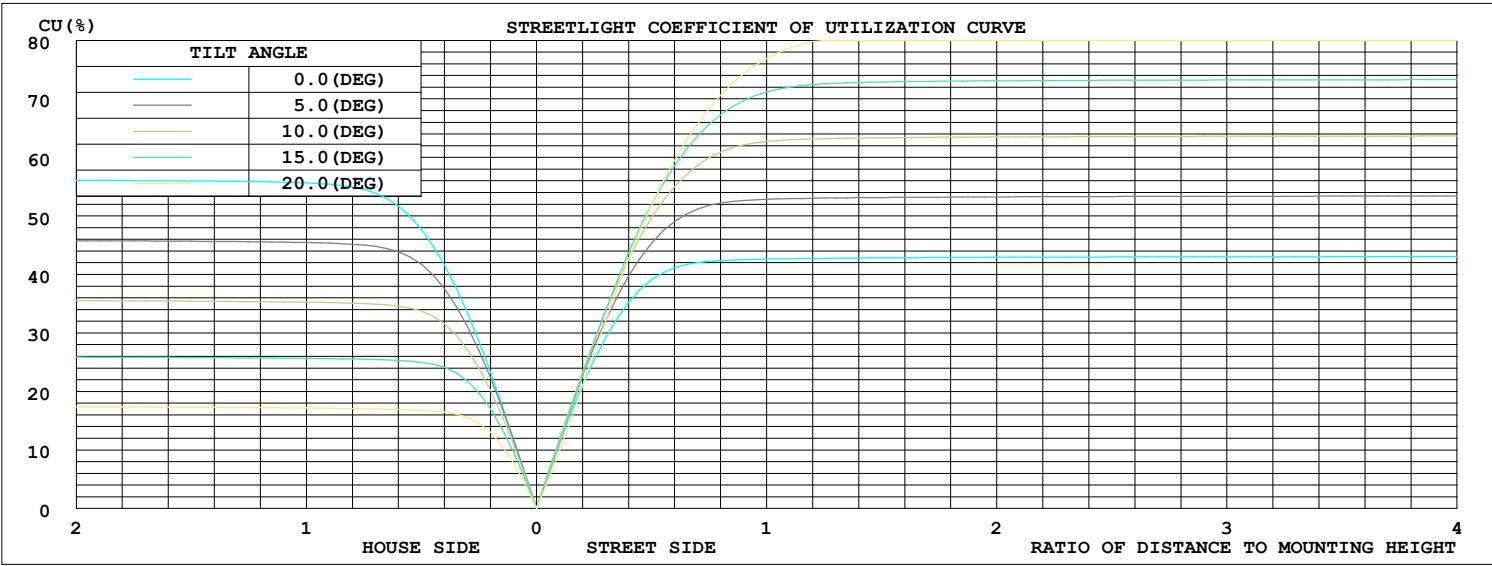
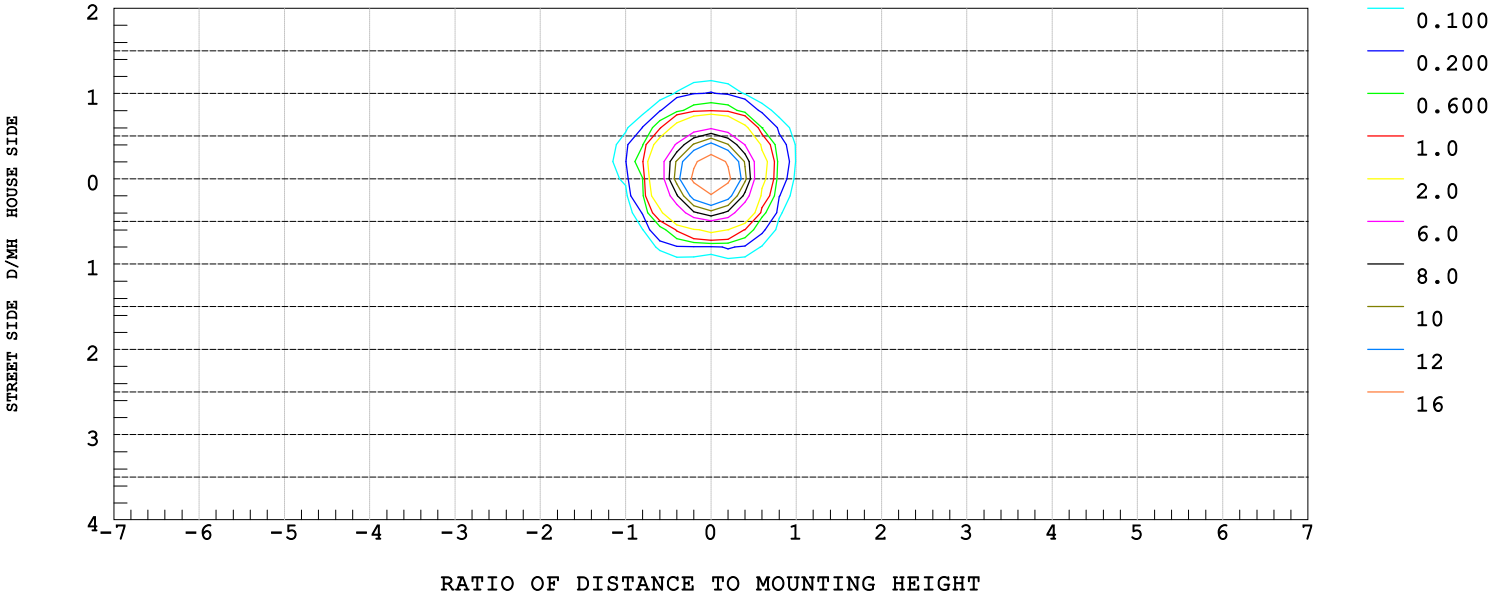
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 19.95 lx



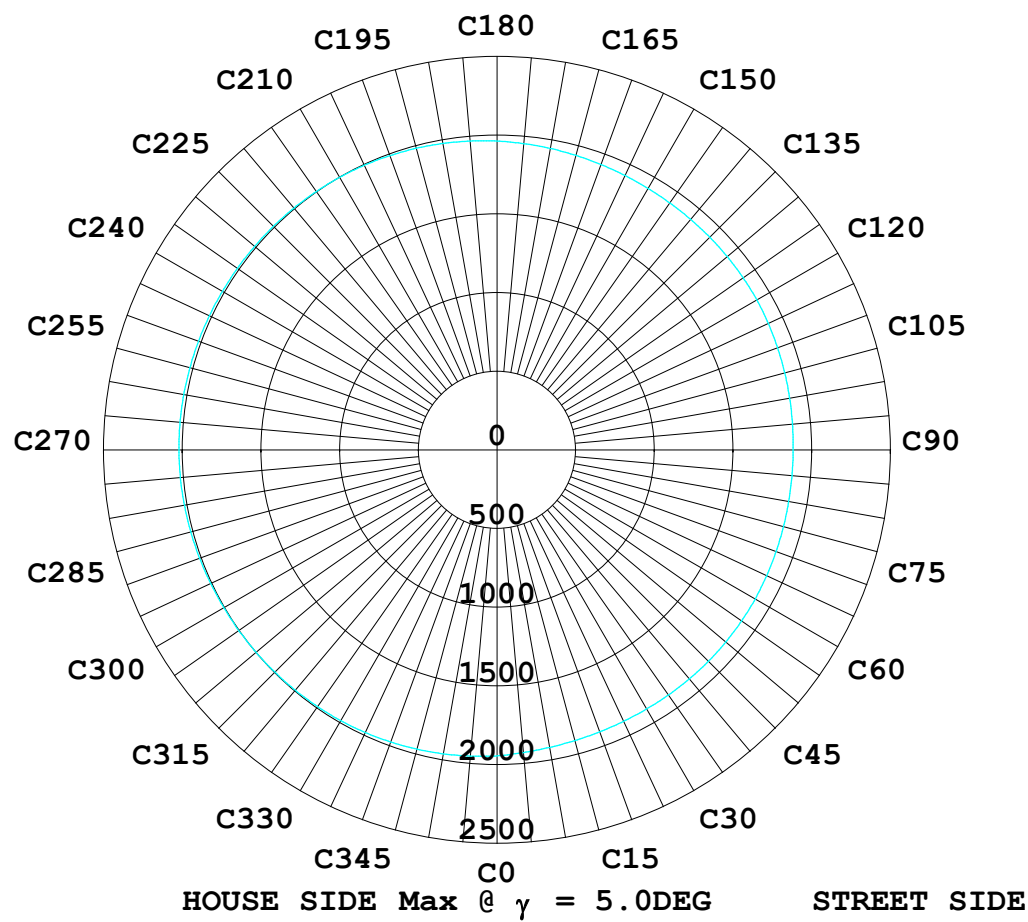
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: KYGX BRIGHT HEAD	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1995	1991	1993	1989	1996	1993	1995	1991	1993	1989	1996	1993
5.0	1945	1901	1894	1882	1907	1919	1963	2001	2015	2022	2005	1987
10.0	1827	1746	1736	1720	1754	1764	1848	1922	1952	1968	1931	1903
15.0	1671	1536	1522	1515	1540	1531	1656	1761	1802	1843	1780	1758
20.0	1461	1272	1269	1287	1263	1222	1427	1523	1564	1648	1555	1554
25.0	1199	962	949	878	921	889	1057	1228	1246	1421	1266	1289
30.0	778	666	552	455	539	483	482	795	884	995	925	961
35.0	298	350	213	102	214	157	146	338	493	453	528	581
40.0	92.9	95.1	66.6	30.5	62.8	42.1	53.9	107	167	142	191	219
45.0	36.8	21.1	29.6	8.12	26.5	15.7	19.1	42.8	40.7	60.1	49.2	63.5
50.0	17.2	6.67	14.9	4.51	15.0	6.94	7.49	22.3	13.1	24.0	17.1	29.1
55.0	12.6	4.51	11.7	3.61	11.9	5.86	6.40	14.2	5.23	13.7	5.50	14.0
60.0	10.3	3.70	9.65	2.97	9.83	4.87	5.14	11.9	3.97	10.8	3.70	10.7
65.0	8.75	3.06	8.21	2.70	8.30	3.97	5.32	9.83	3.33	9.02	3.06	8.84
70.0	7.40	2.61	6.76	2.34	6.76	3.70	5.77	8.21	2.61	7.49	2.43	7.49
75.0	6.31	1.98	5.59	1.80	5.68	2.79	5.05	7.12	2.07	6.40	2.07	6.22
80.0	5.41	1.71	4.87	1.62	4.96	2.07	4.24	5.95	1.71	5.32	1.71	5.23
85.0	4.87	1.71	4.33	1.62	4.33	1.62	3.42	4.78	1.53	4.51	1.35	4.51
90.0	4.24	1.98	3.88	1.98	3.79	1.98	4.24	3.79	1.62	3.79	1.62	3.70

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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