

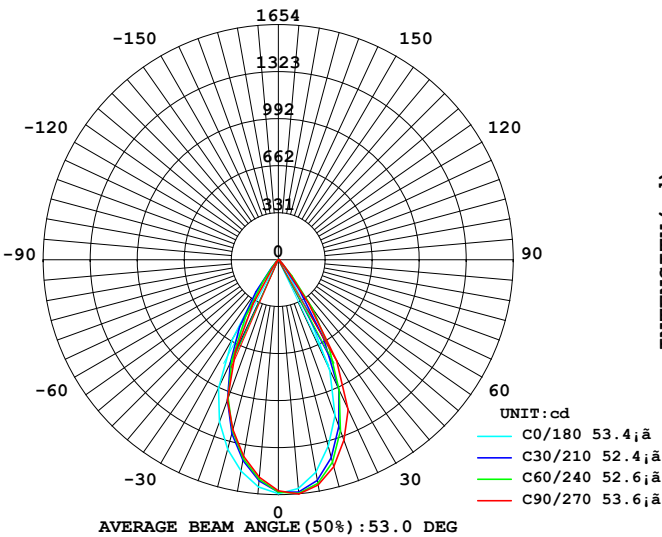
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

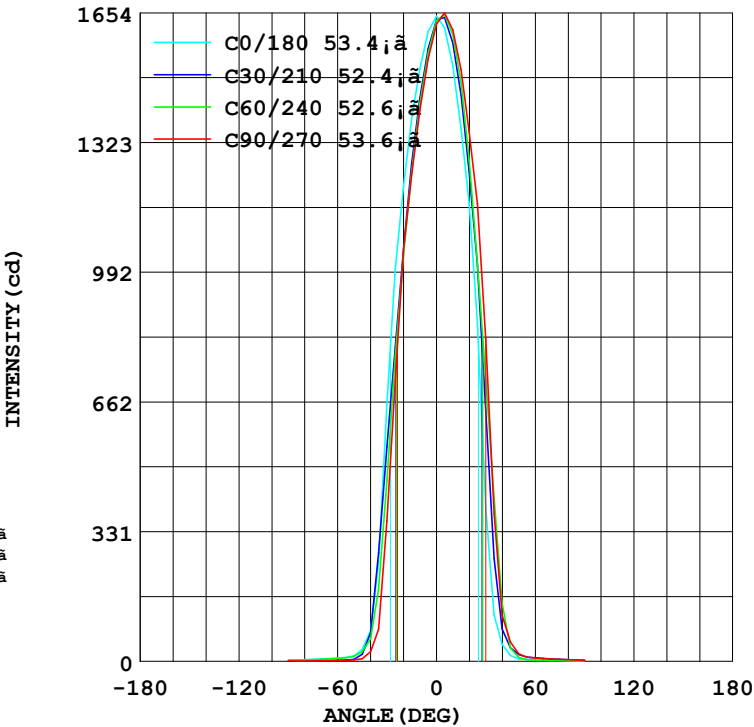
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1654	S/MH (C0/180)	0.83
MODEL	KYGX BRIGHT HEAD	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1165.0	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	92.5	Current (A)	0.060
NOMINAL FLUX (lm)	1165.0	η up (%)	0.0	Power (W)	12.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	1104.2	EEI	0.151

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:8.500 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

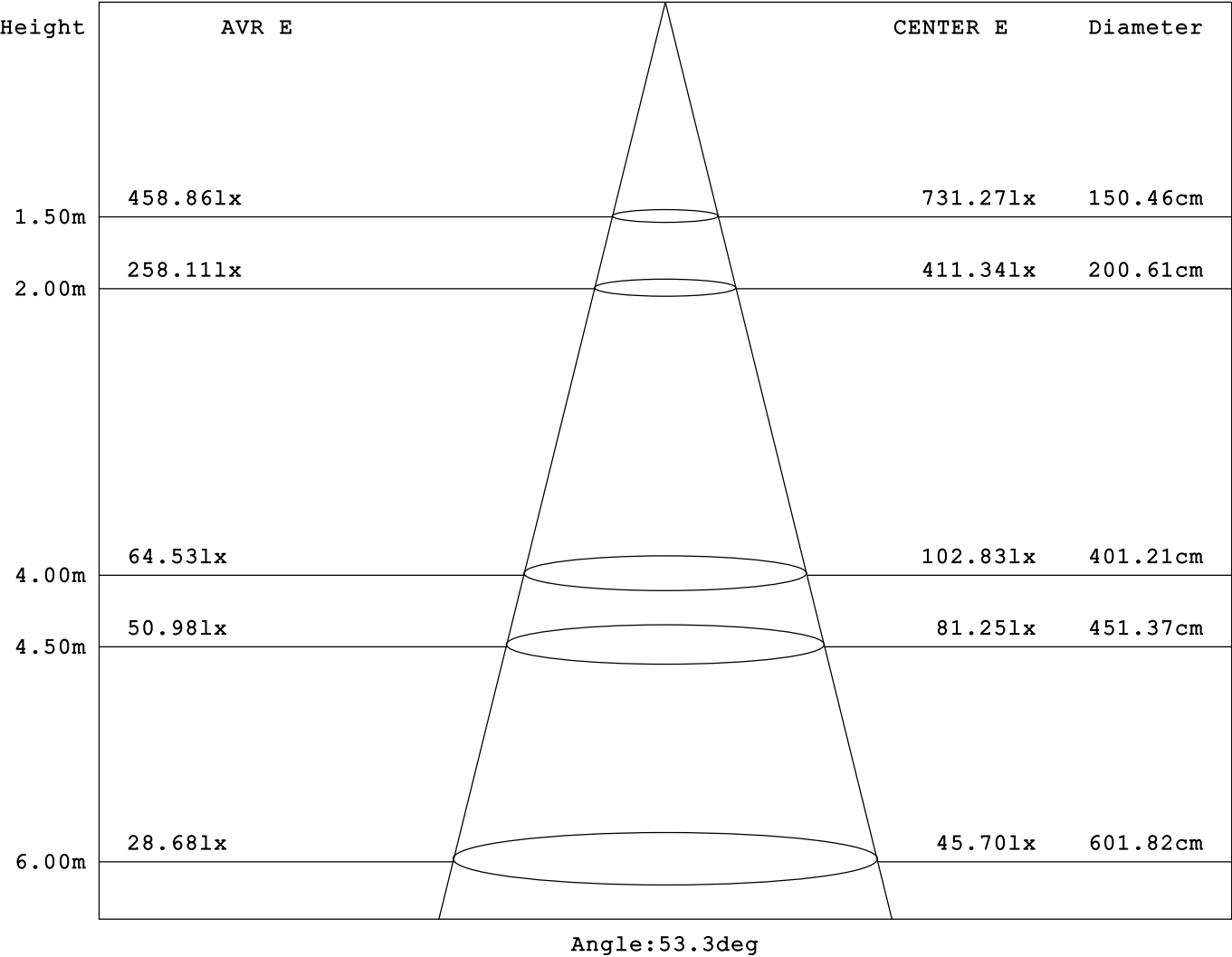
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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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Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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	1512	1429	1406	1432	1519	1587	1611	1563	0- 10	149.7	149.7
20.0	1213	1044	1050	1012	1168	1264	1350	1269	10- 20	377.7	527.4
30.0	655.3	504.1	358.6	417.3	391.0	678.9	819.7	770.9	20- 30	405.8	933.3
40.0	78.53	65.09	24.70	41.97	43.42	115.4	117.6	170.1	30- 40	183.2	1117
50.0	14.01	8.886	3.684	8.778	5.852	13.79	19.57	18.85	40- 50	29.60	1146
60.0	8.236	5.382	2.456	5.960	3.757	6.321	8.814	5.852	50- 60	7.248	1153
70.0	5.852	3.793	1.950	4.190	4.262	4.298	6.069	4.046	60- 70	4.952	1158
80.0	4.262	2.637	1.372	2.781	2.890	3.106	4.262	2.745	70- 80	3.760	1162
90.0	3.251	2.384	1.661	2.348	2.890	2.167	3.106	2.167	80- 90	2.852	1165
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:8.500 m
Remarks: 3000K

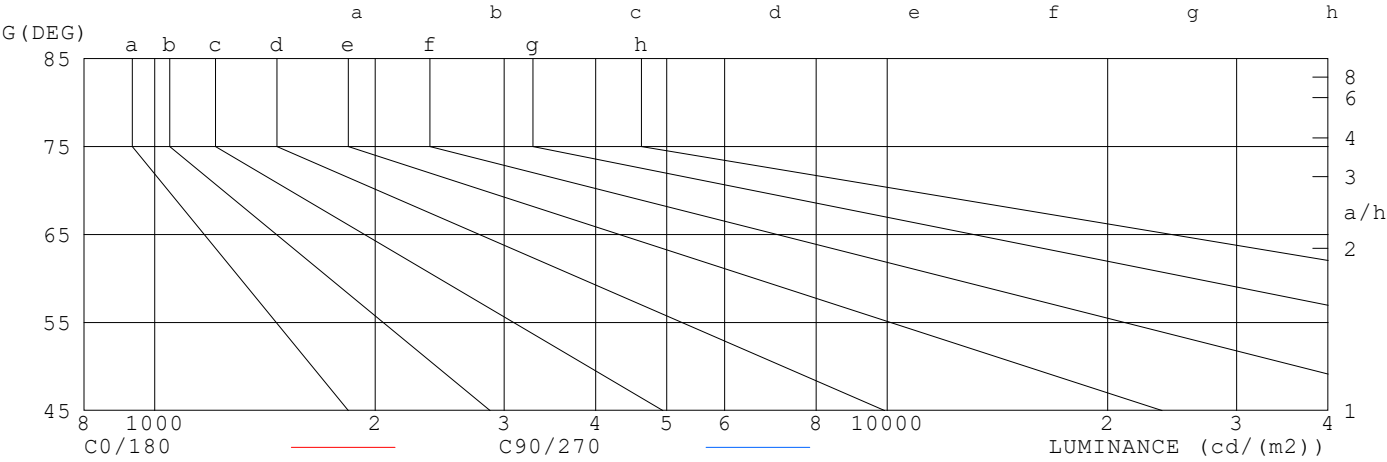
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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	431	149
80	245	79
75	193	56
70	171	57
65	164	53
60	165	49
55	176	50
50	218	57
45	432	93

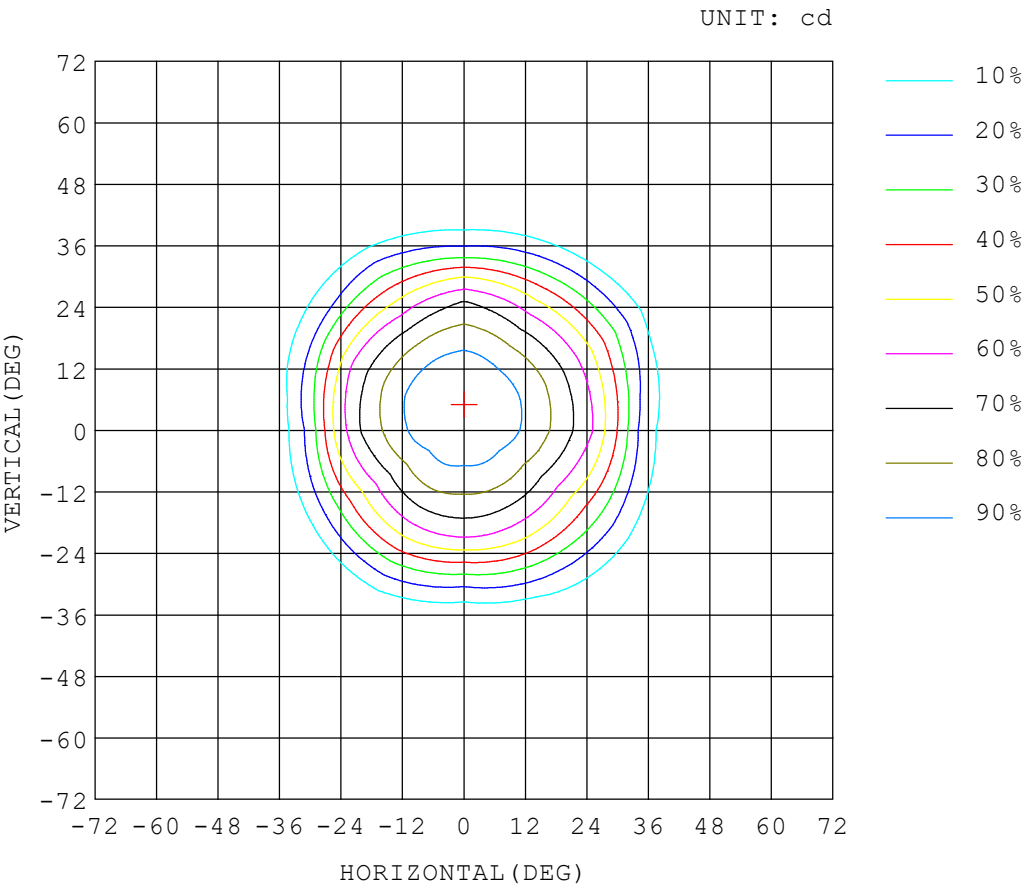
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



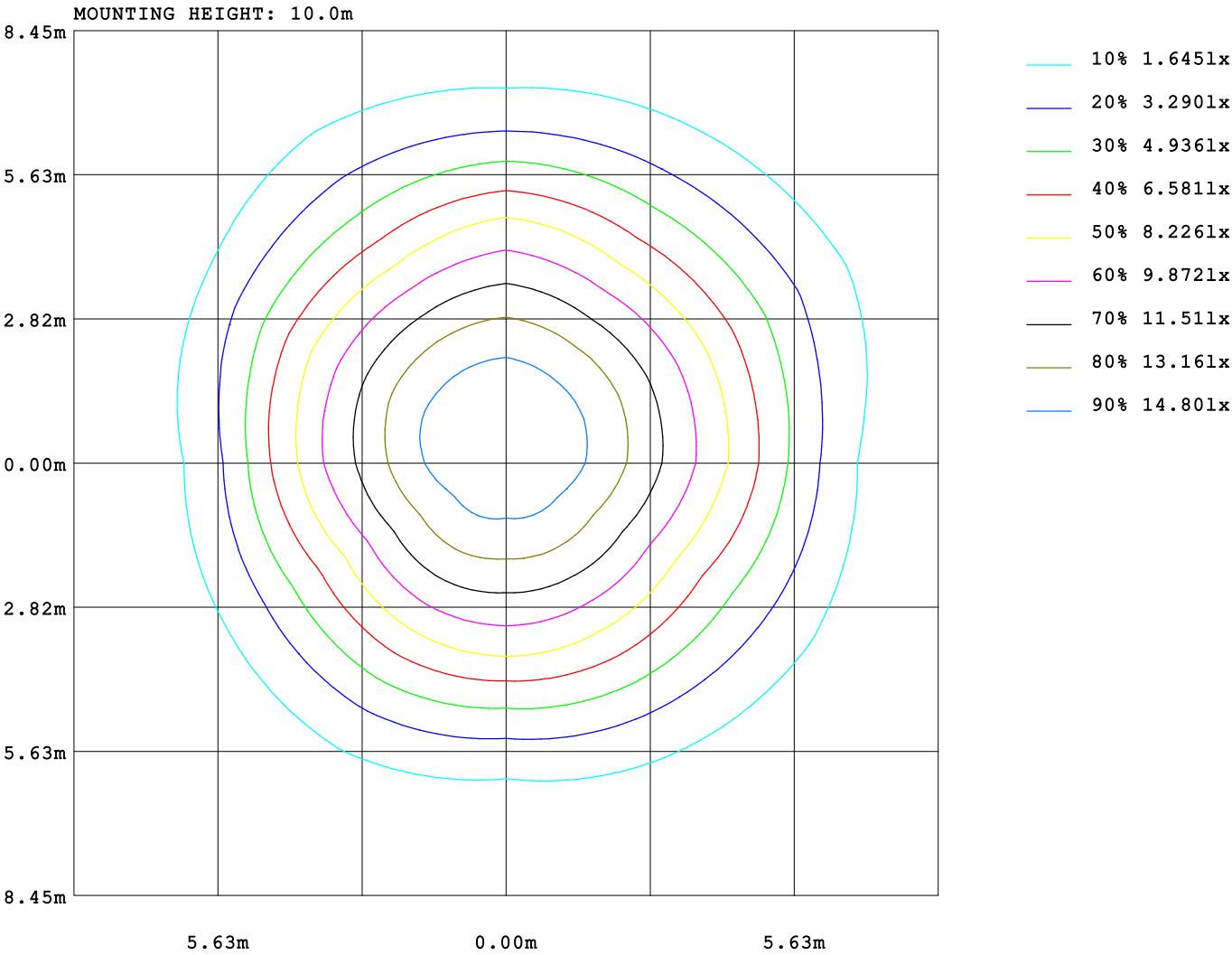
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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:8.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: KYGX BRIGHT HEAD										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: L-69 W-69 H-31 MM					SERIAL No.:				

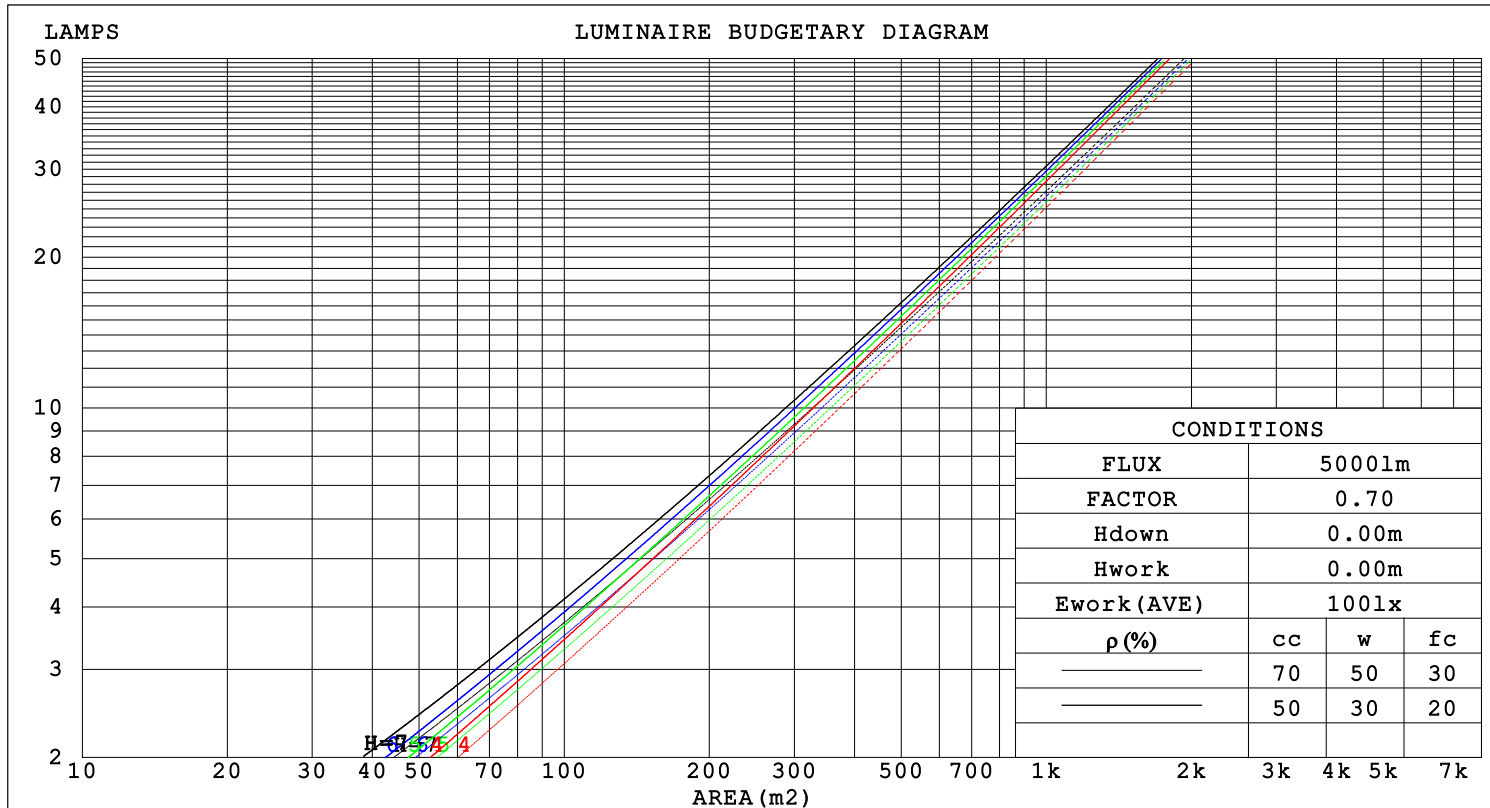
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.05	0.06	0.06	0.05	0.04	0.06	0.09	0.12	0.12	0.09	0.06	0.04	0.05	0.05	0.05	0.04	0.03	1.06	0.00		
64	0.03	0.05	0.07	0.07	0.07	0.06	0.08	0.12	0.16	0.16	0.12	0.08	0.05	0.06	0.06	0.06	0.05	0.03	1.36	0.00		
56	0.03	0.06	0.08	0.09	0.09	0.08	0.12	0.21	0.30	0.31	0.23	0.14	0.09	0.09	0.08	0.07	0.05	0.03	2.16	0.00		
48	0.04	0.06	0.09	0.12	0.15	0.23	0.47	0.95	1.26	1.27	1.00	0.55	0.30	0.17	0.12	0.09	0.06	0.04	6.97	0.00		
40	0.04	0.06	0.10	0.17	0.31	0.90	2.75	5.04	6.49	6.54	5.14	2.97	1.21	0.43	0.19	0.11	0.07	0.04	32.5	24.4		
32	0.04	0.06	0.10	0.23	0.72	2.93	8.22	13.5	17.4	17.5	14.0	9.35	4.39	1.26	0.33	0.12	0.07	0.04	90.5	86.1		
24	0.04	0.06	0.10	0.30	1.38	6.35	14.6	21.0	25.1	25.1	21.3	16.0	9.20	2.83	0.50	0.15	0.08	0.04	145	141		
VERTICAL (DEG)	0.03	0.05	0.10	0.37	2.08	9.54	19.6	26.1	29.7	29.5	26.0	20.4	12.3	4.01	0.70	0.16	0.08	0.05	181	178		
	0.03	0.04	0.08	0.36	2.22	10.5	21.1	27.9	31.5	31.2	27.8	22.0	13.6	4.19	0.70	0.16	0.08	0.05	194	191		
	0.03	0.04	0.07	0.31	1.89	9.46	19.4	26.0	29.7	29.6	26.2	20.6	12.6	3.68	0.58	0.15	0.08	0.04	181	178		
	0.03	0.04	0.06	0.23	1.33	6.81	15.1	21.8	25.6	25.5	22.2	16.4	9.53	2.69	0.43	0.12	0.07	0.04	148	145		
	0.03	0.04	0.06	0.14	0.68	3.56	9.90	16.0	19.3	19.3	16.4	11.3	5.66	1.38	0.23	0.09	0.06	0.04	104	101		
-24	0.03	0.04	0.05	0.09	0.29	1.24	4.14	7.79	9.69	9.83	8.19	5.05	2.04	0.47	0.11	0.06	0.05	0.03	49.2	44.3		
-32	0.02	0.03	0.05	0.07	0.15	0.39	1.02	1.71	1.98	2.05	1.88	1.21	0.52	0.17	0.06	0.05	0.04	0.03	11.4	2.52		
-40	0.02	0.03	0.04	0.07	0.11	0.19	0.29	0.33	0.28	0.30	0.37	0.33	0.20	0.11	0.06	0.03	0.03	0.02	2.82	0.00		
-48	0.02	0.03	0.04	0.06	0.10	0.14	0.16	0.13	0.09	0.09	0.13	0.16	0.14	0.09	0.05	0.03	0.02	0.02	1.52	0.00		
-56	0.02	0.02	0.04	0.06	0.08	0.11	0.11	0.09	0.06	0.06	0.09	0.11	0.11	0.08	0.05	0.03	0.02	0.02	1.18	0.00		
-64	0.01	0.02	0.03	0.05	0.07	0.09	0.08	0.07	0.05	0.05	0.07	0.08	0.09	0.07	0.04	0.02	0.02	0.02	0.93	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.51	0.77	1.22	2.85	11.8	52.7	118	169	199	199	172	127	72.2	21.8	4.34	1.55	0.96	0.61	1165			
Φ a	0.00	0.00	0.00	0.00	3.33	47.2	113	165	195	195	167	123	67.5	14.4	0.00	0.00	0.00	0.00		1104		

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:8.500 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	1.06	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94														
2.0	1.04	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	.86	.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	.81	.77	.75	.73														
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69														
7.0	.77	.72	.68	.77	.71	.67	.75	.71	.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:8.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: KYGX BRIGHT HEAD								TYPE: 3000K 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	.172	.098	.031	.166	.095	.030	.153	.088	.028	.142	.082	.026	.131	.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	.072	.022	.125	.069	.021	
4.0	.146	.076	.022	.142	.074	.022	.135	.071	.021	.128	.068	.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	.118	.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	.106	.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	.072	.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:8.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: KYGX BRIGHT HEAD					TYPE: 3000K 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	4.8	5.7	5.0	5.9	6.0	0.4	1.3	0.6	1.4	1.6	
	3H	4.8	5.6	5.0	5.8	6.0	0.5	1.3	0.7	1.5	1.7
	4H	4.8	5.6	5.1	5.8	6.0	0.5	1.3	0.8	1.5	1.7
	6H	4.9	5.6	5.2	5.9	6.1	0.6	1.3	0.9	1.5	1.8
	8H	5.0	5.7	5.3	6.0	6.2	0.6	1.3	0.9	1.6	1.8
	12H	5.2	5.8	5.5	6.1	6.4	0.7	1.4	1.0	1.7	1.9
4H	2H	4.6	5.4	4.9	5.6	5.8	0.3	1.1	0.6	1.3	1.5
	3H	4.5	5.2	4.9	5.5	5.8	0.6	1.3	0.9	1.5	1.8
	4H	4.6	5.2	4.9	5.5	5.8	0.8	1.5	1.2	1.7	2.1
	6H	4.8	5.3	5.1	5.6	6.0	1.1	1.7	1.5	2.0	2.3
	8H	4.9	5.4	5.3	5.8	6.2	1.3	1.8	1.7	2.1	2.5
	12H	5.2	5.7	5.6	6.1	6.4	1.5	1.9	1.9	2.3	2.7
8H	4H	4.5	5.0	4.9	5.4	5.7	0.9	1.4	1.3	1.8	2.1
	6H	4.7	5.1	5.1	5.5	5.9	1.6	2.0	2.0	2.4	2.8
	8H	4.9	5.3	5.4	5.7	6.1	2.0	2.3	2.4	2.7	3.2
	12H	5.3	5.6	5.8	6.1	6.5	2.4	2.8	2.9	3.2	3.7
12H	4H	4.5	5.0	4.9	5.3	5.7	0.9	1.4	1.3	1.7	2.1
	6H	4.7	5.1	5.1	5.5	5.9	1.6	2.0	2.1	2.4	2.8
	8H	4.9	5.2	5.4	5.7	6.2	2.2	2.5	2.6	2.9	3.4
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 2.4					+ 1.1 / - 1.0					
1.5H	+ 4.3 / - 2.7					+ 2.5 / - 1.3					
2.0H	+ 3.0 / - 0.8					+ 0.7 / - 0.8					

CIE Pub.117 Corrected 1165 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.5)

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:8.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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	89	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	99	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		

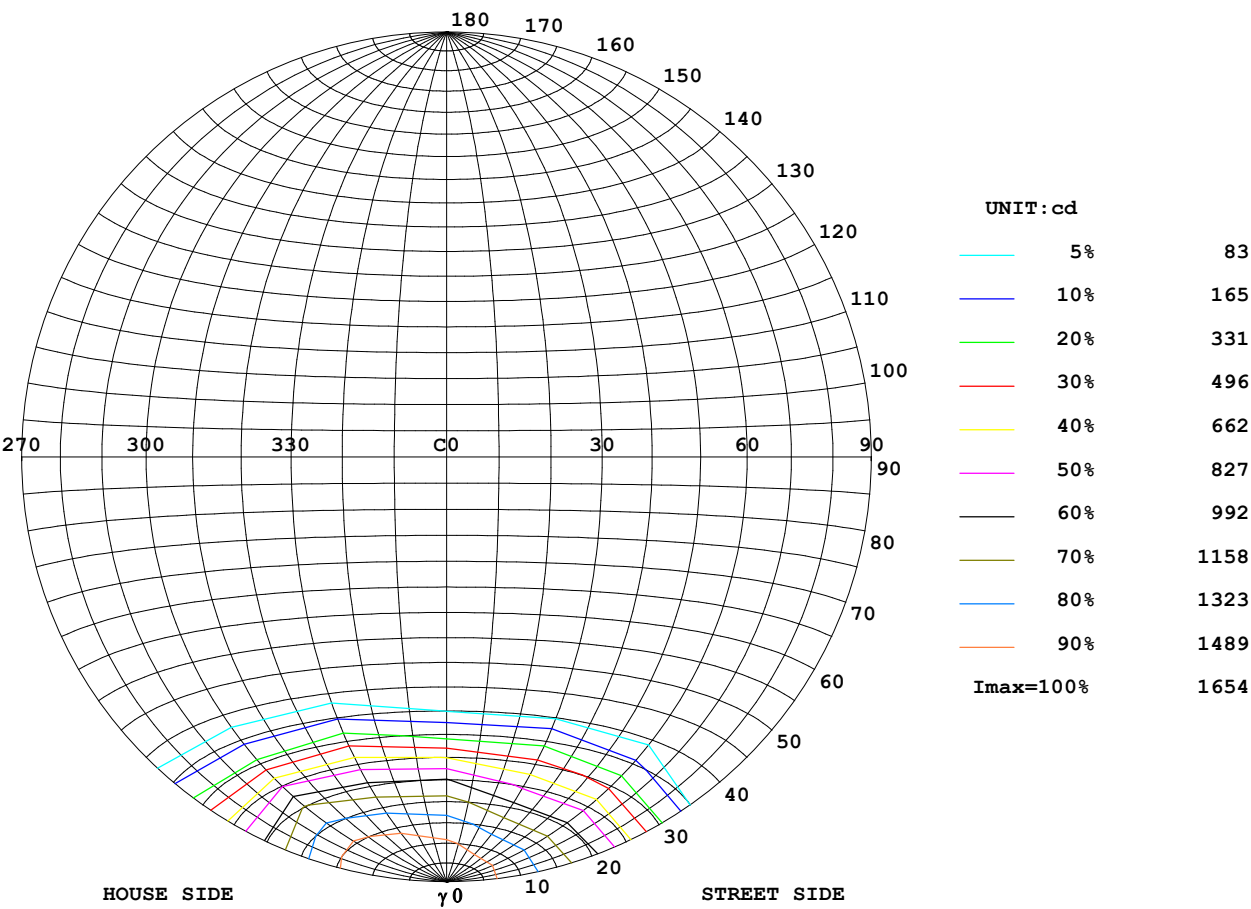
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-23-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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

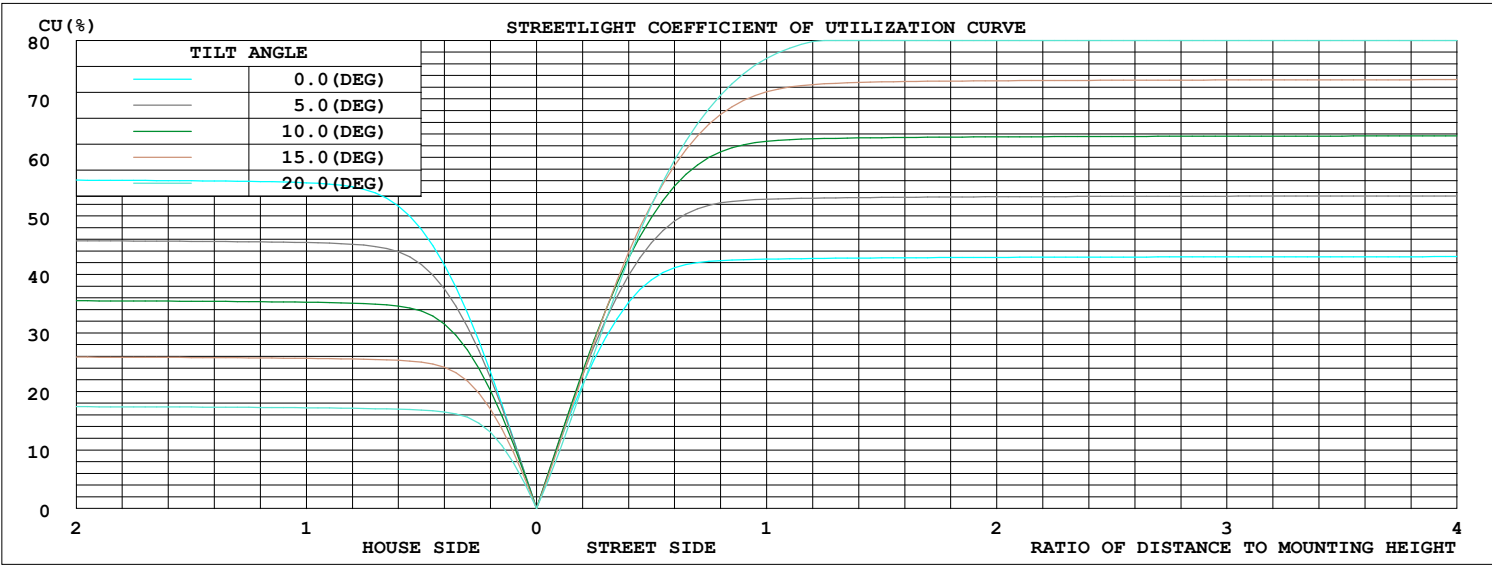
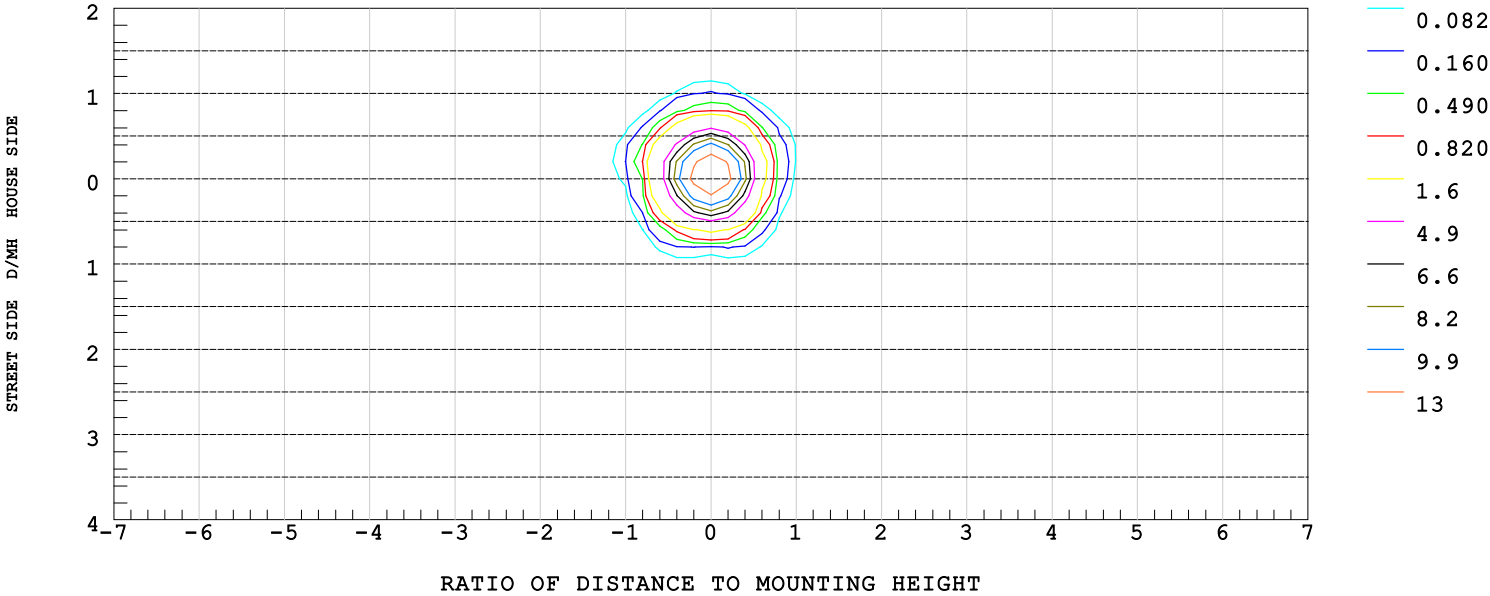
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 16.45 lx



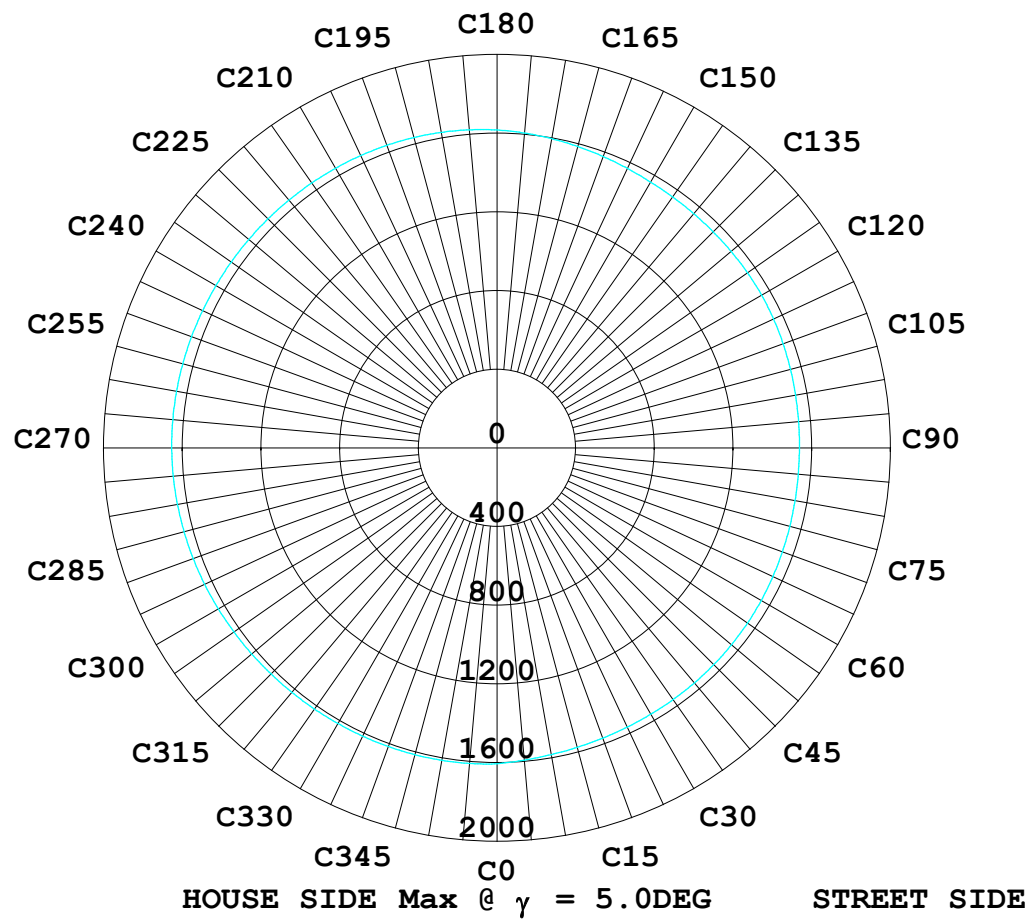
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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:8.500 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 3000K 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	1645	1636	1634	1625	1628	1623	1645	1636	1634	1625	1628	1623
5.0	1606	1563	1551	1537	1554	1561	1616	1642	1651	1654	1637	1618
10.0	1512	1437	1422	1406	1429	1434	1519	1577	1598	1611	1577	1550
15.0	1382	1268	1247	1238	1254	1244	1358	1443	1476	1508	1456	1433
20.0	1213	1052	1036	1050	1032	992	1168	1248	1280	1350	1273	1265
25.0	1000	801	777	715	754	721	862	1009	1014	1166	1041	1049
30.0	655	547	461	359	434	401	391	638	720	820	760	782
35.0	253	277	185	81.9	166	132	118	262	417	376	429	480
40.0	78.5	73.0	57.1	24.7	49.1	34.8	43.4	82.4	148	118	151	189
45.0	30.5	17.9	24.7	6.57	21.4	12.4	15.0	34.5	34.1	49.3	39.7	53.9
50.0	14.0	5.34	12.4	3.68	11.9	5.56	5.85	17.2	10.3	19.5	14.3	23.3
55.0	10.1	3.54	9.60	2.89	9.53	4.76	4.91	11.4	4.26	10.9	4.47	11.4
60.0	8.23	2.89	7.87	2.45	7.87	4.04	3.75	9.39	3.25	8.81	2.96	8.74
65.0	6.93	2.38	6.71	2.23	6.64	3.25	3.90	7.58	2.74	7.29	2.52	7.15
70.0	5.85	2.02	5.56	1.95	5.41	2.96	4.26	6.50	2.09	6.06	2.09	5.99
75.0	4.98	1.51	4.55	1.44	4.55	2.16	3.75	5.70	1.73	5.12	1.73	5.05
80.0	4.26	1.30	3.97	1.37	3.90	1.66	2.89	4.76	1.44	4.26	1.30	4.19
85.0	3.75	1.30	3.46	1.30	3.54	1.30	2.38	3.82	1.22	3.68	1.15	3.61
90.0	3.25	1.58	3.17	1.66	3.10	1.58	2.89	2.96	1.37	3.10	1.30	3.03

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