

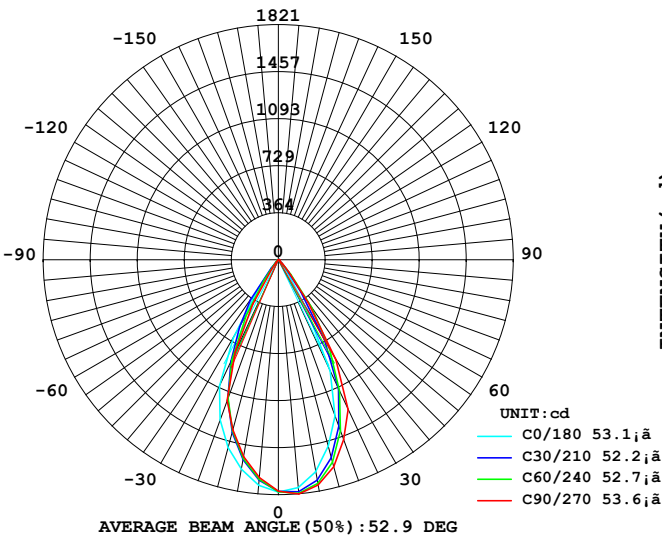
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

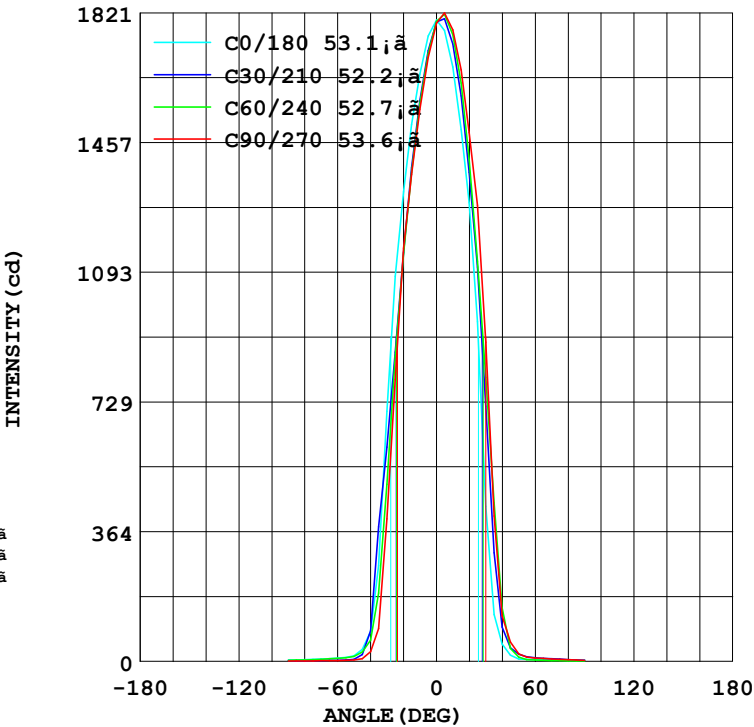
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1821	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)	1283.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	104.4	Current (A)	0.056
NOMINAL FLUX (lm)	1284.0	η up (%)	0.0	Power (W)	12.30
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	1211.8	EEI	0.137

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:9.000 m
Remarks: 4000K

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: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

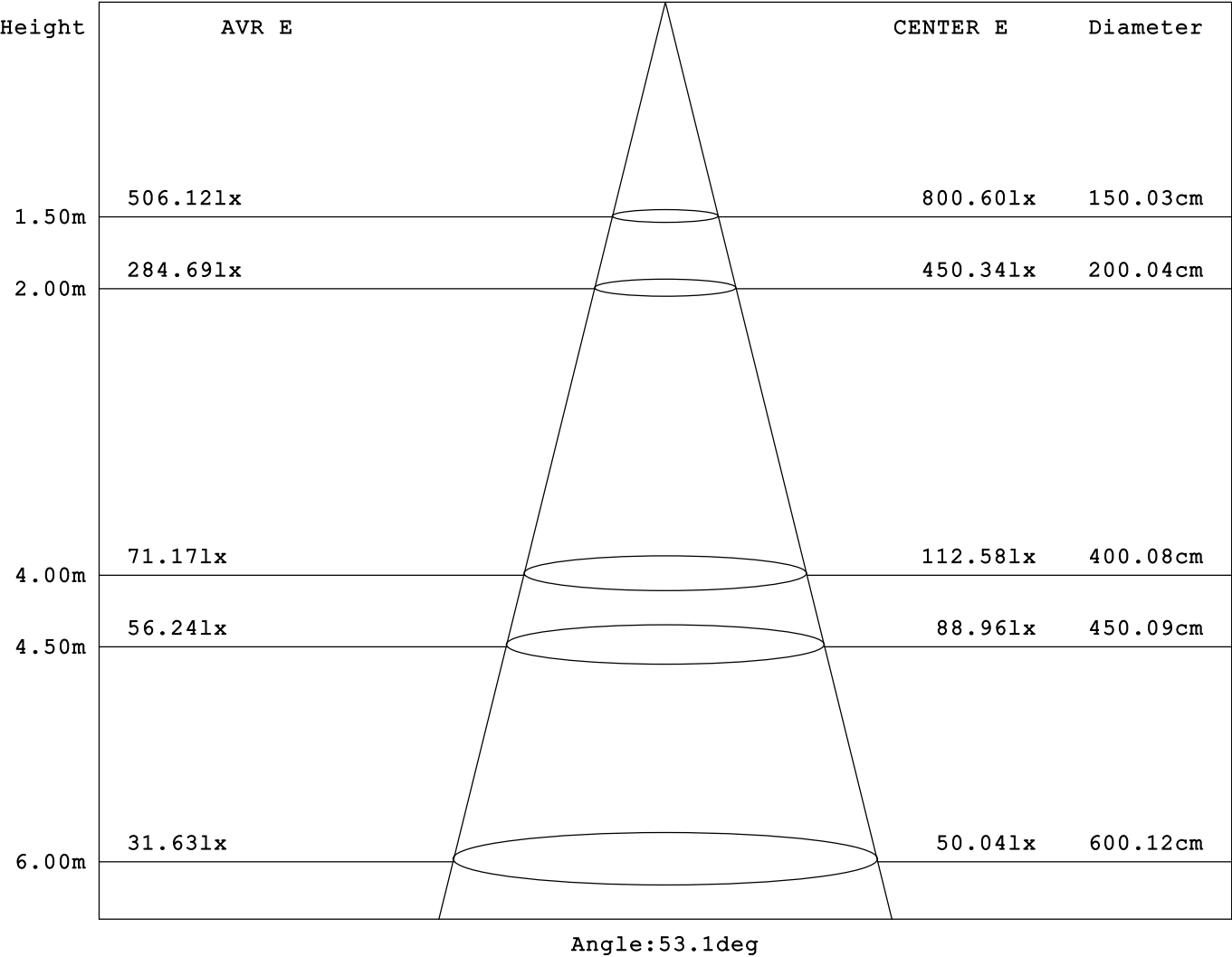
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

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: 4000K 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:9.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K 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	1649	1570	1550	1584	1669	1747	1773	1727	0- 10	164.8	164.8
20.0	1319	1146	1160	1119	1288	1392	1485	1400	10- 20	415.9	580.7
30.0	702.6	549.4	400.3	460.4	435.1	757.0	896.0	849.3	20- 30	446.4	1027
40.0	84.15	73.14	27.62	47.26	48.76	123.6	127.9	185.0	30- 40	203.0	1230
50.0	15.55	9.760	4.050	9.882	6.804	15.95	21.54	20.81	40- 50	32.42	1263
60.0	9.315	5.994	2.673	6.561	4.698	7.168	9.801	6.520	50- 60	8.107	1271
70.0	6.723	4.212	2.187	4.657	5.184	4.900	6.804	4.455	60- 70	5.583	1276
80.0	4.860	2.956	1.458	3.078	3.807	3.442	4.779	3.078	70- 80	4.255	1281
90.0	3.807	2.713	1.782	2.632	3.807	2.389	3.483	2.430	80- 90	3.254	1284
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:9.000 m
Remarks: 4000K

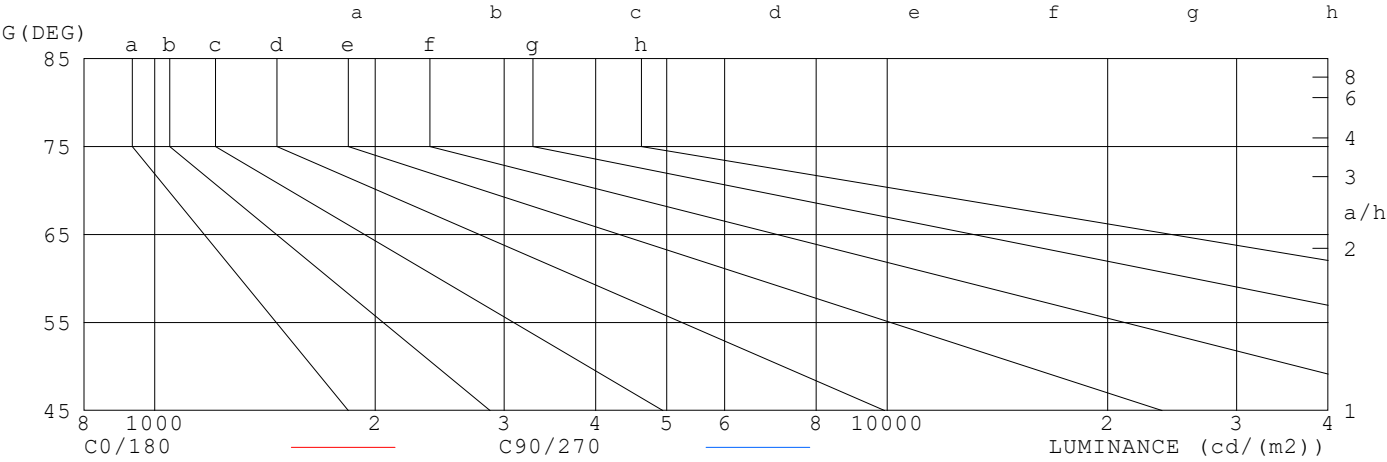
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K 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	493	167
80	280	84
75	222	59
70	197	64
65	186	57
60	186	53
55	199	56
50	242	63
45	471	104

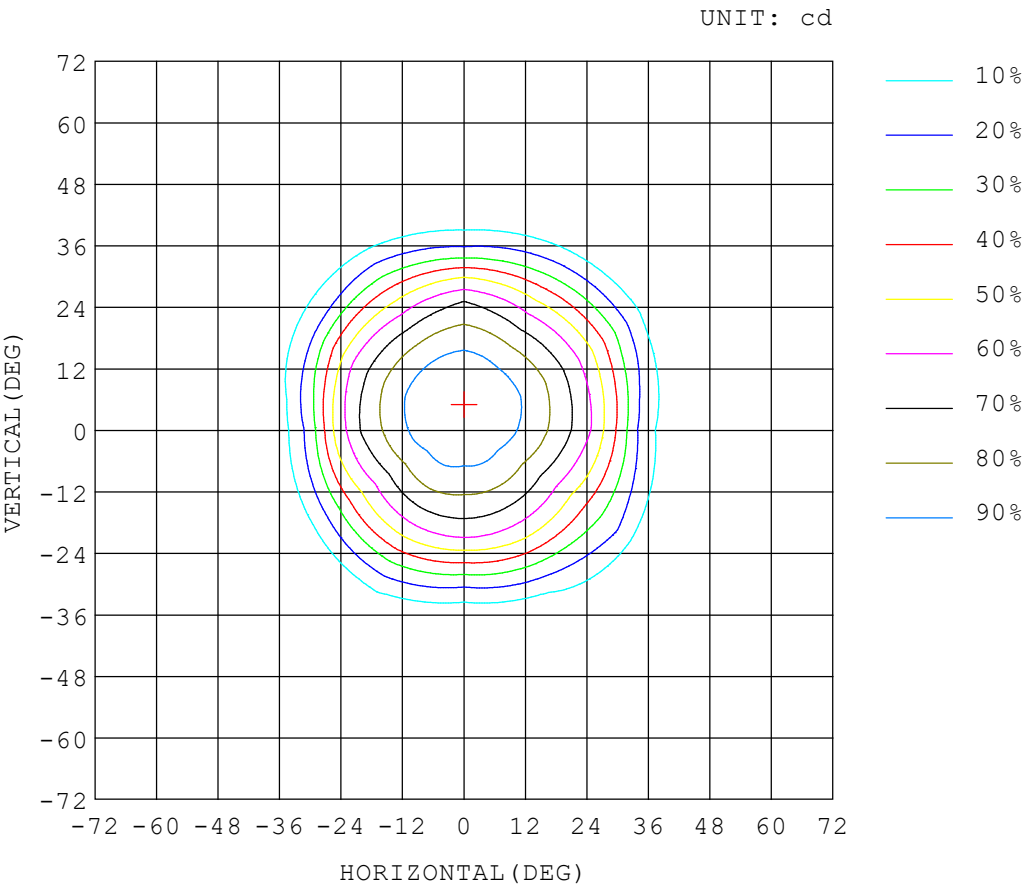
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:



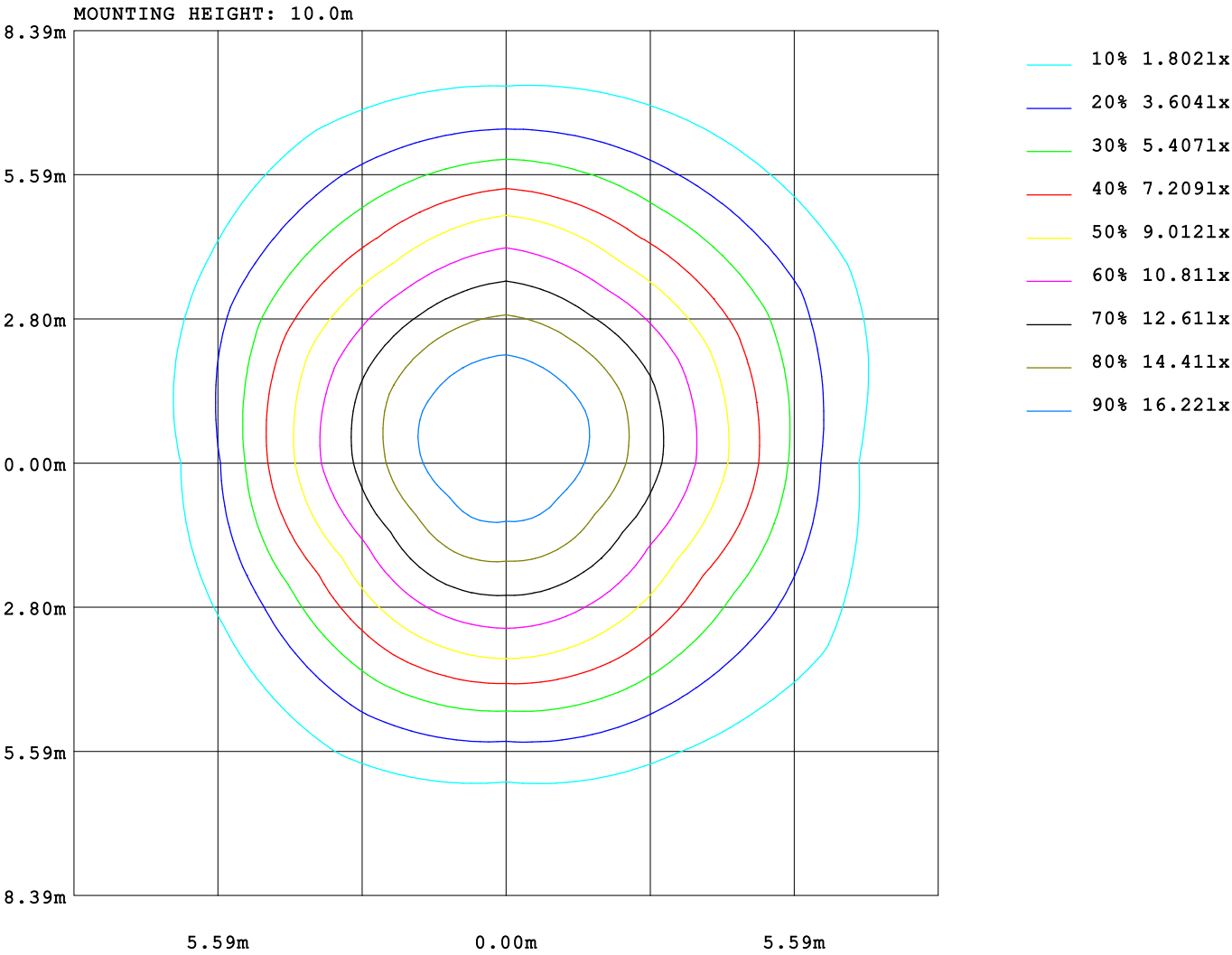
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K 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:9.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

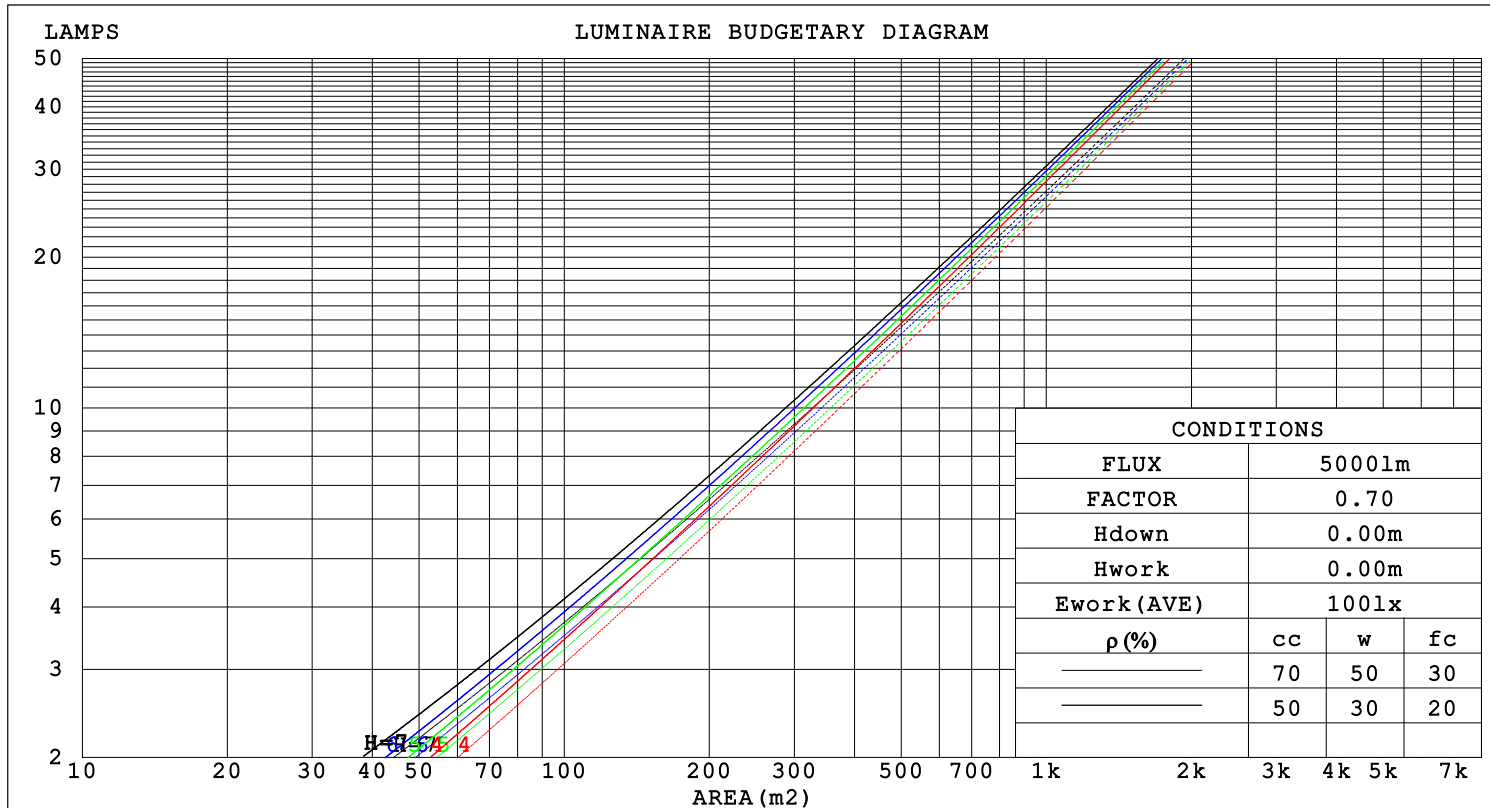
72 64 56 48 40 32 24 -24 -32 -40 -48 -56 -64 -72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.05	0.06	0.06	0.05	0.05	0.07	0.10	0.13	0.13	0.10	0.07	0.04	0.05	0.06	0.05	0.05	0.03	1.18	0.00		
0.04	0.06	0.08	0.08	0.07	0.06	0.09	0.13	0.17	0.17	0.13	0.08	0.06	0.07	0.07	0.07	0.07	0.05	0.04	1.52	0.00		
0.04	0.07	0.09	0.10	0.10	0.09	0.14	0.23	0.33	0.34	0.25	0.15	0.10	0.10	0.09	0.08	0.06	0.04	2.41	0.00			
0.04	0.07	0.11	0.14	0.17	0.26	0.51	1.01	1.36	1.40	1.11	0.61	0.33	0.18	0.13	0.10	0.07	0.04	7.65	0.00			
0.04	0.07	0.12	0.19	0.35	0.97	2.88	5.37	7.03	7.15	5.70	3.34	1.32	0.47	0.21	0.12	0.08	0.05	35.4	26.5			
0.04	0.07	0.12	0.27	0.81	3.24	9.01	14.9	19.1	19.2	15.4	10.3	4.78	1.33	0.36	0.14	0.08	0.05	99.3	94.3			
0.04	0.07	0.12	0.34	1.60	7.20	16.2	23.2	27.7	27.6	23.5	17.6	10.0	3.01	0.54	0.16	0.09	0.05	159	156			
0.04	0.06	0.11	0.42	2.39	10.6	21.6	28.8	32.8	32.6	28.7	22.5	13.5	4.31	0.74	0.18	0.09	0.05	200	196			
0.04	0.05	0.10	0.41	2.51	11.6	23.3	30.7	34.6	34.4	30.6	24.1	14.8	4.50	0.75	0.18	0.09	0.05	213	210			
0.04	0.05	0.08	0.35	2.10	10.4	21.5	28.7	32.8	32.6	28.7	22.4	13.6	4.08	0.63	0.16	0.09	0.05	199	195			
0.03	0.05	0.07	0.26	1.45	7.47	16.7	24.2	28.3	28.1	24.4	17.9	10.5	3.23	0.47	0.13	0.08	0.05	164	160			
0.03	0.04	0.07	0.16	0.74	3.87	10.9	17.6	21.3	21.4	18.0	12.3	6.88	1.69	0.25	0.10	0.06	0.04	116	112			
0.03	0.04	0.06	0.10	0.32	1.38	4.66	8.71	10.7	10.8	8.90	5.64	2.48	0.53	0.12	0.07	0.05	0.04	54.8	49.5			
0.03	0.04	0.05	0.08	0.17	0.44	1.17	1.97	2.24	2.24	1.99	1.30	0.57	0.18	0.07	0.05	0.04	0.03	12.7	2.79			
0.03	0.04	0.05	0.08	0.13	0.21	0.33	0.37	0.32	0.33	0.40	0.35	0.22	0.12	0.06	0.04	0.04	0.03	3.12	0.00			
0.02	0.03	0.04	0.07	0.11	0.16	0.18	0.15	0.10	0.10	0.15	0.17	0.15	0.10	0.06	0.03	0.03	0.02	1.69	0.00			
0.02	0.03	0.04	0.06	0.09	0.13	0.13	0.10	0.07	0.07	0.10	0.13	0.13	0.09	0.06	0.03	0.02	0.02	1.31	0.00			
0.02	0.02	0.03	0.05	0.08	0.10	0.09	0.08	0.06	0.06	0.08	0.09	0.10	0.07	0.05	0.03	0.02	0.02	1.04	0.00			
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.60	0.90	1.40	3.23	13.2	58.4	130	187	219	219	189	139	79.8	24.1	4.72	1.74	1.08	0.70	1284			
Φ a	0.00	0.00	0.00	0.00	4.13	52.3	125	182	215	215	184	135	74.9	16.1	0.00	0.00	0.00	0.00		1212		

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:9.000 m
 Remarks: 4000K

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	.71	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65														
8.0	.73	.68	.64	.73	.67	.64	.71	.67	.63	.70	.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:9.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: KYGX BRIGHT HEAD								TYPE: 4000K 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	.147	.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:9.000 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: KYGX BRIGHT HEAD					TYPE: 4000K 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	5.6	6.5	5.9	6.7	6.9	0.5	1.4	0.8	1.6	1.8	
	3H	5.6	6.4	5.8	6.6	6.8	0.6	1.5	0.9	1.6	1.8
	4H	5.6	6.4	5.9	6.6	6.8	0.7	1.5	1.0	1.7	1.9
	6H	5.7	6.4	6.0	6.7	6.9	0.8	1.5	1.0	1.7	2.0
	8H	5.8	6.5	6.1	6.8	7.0	0.8	1.5	1.1	1.8	2.0
	12H	6.0	6.6	6.3	6.9	7.2	0.9	1.6	1.2	1.9	2.1
4H	2H	5.4	6.2	5.7	6.4	6.6	0.5	1.2	0.7	1.5	1.7
	3H	5.4	6.0	5.7	6.3	6.6	0.8	1.5	1.1	1.7	2.0
	4H	5.4	6.0	5.8	6.3	6.6	1.0	1.7	1.4	2.0	2.3
	6H	5.6	6.1	5.9	6.4	6.8	1.3	1.9	1.7	2.2	2.6
	8H	5.7	6.2	6.1	6.6	6.9	1.5	2.0	1.9	2.4	2.7
	12H	6.0	6.5	6.4	6.8	7.2	1.8	2.2	2.2	2.6	3.0
8H	4H	5.3	5.8	5.7	6.2	6.5	1.1	1.6	1.5	2.0	2.4
	6H	5.5	5.9	5.9	6.3	6.7	1.8	2.2	2.2	2.6	3.0
	8H	5.7	6.1	6.1	6.5	6.9	2.3	2.6	2.7	3.1	3.5
	12H	6.1	6.4	6.5	6.8	7.3	2.8	3.1	3.3	3.6	4.0
12H	4H	5.3	5.8	5.7	6.1	6.5	1.1	1.6	1.5	2.0	2.3
	6H	5.5	5.9	5.9	6.3	6.7	1.9	2.2	2.3	2.7	3.1
	8H	5.7	6.0	6.2	6.5	6.9	2.5	2.8	3.0	3.3	3.7
Variations with the observer position at spacings:											
S = 1.0H	+ 2.0 / - 2.3					+ 1.0 / - 0.9					
1.5H	+ 4.0 / - 2.6					+ 2.3 / - 1.2					
2.0H	+ 2.9 / - 0.8					+ 0.7 / - 0.9					

CIE Pub.117 Corrected 1284 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.9)

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:9.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K 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		

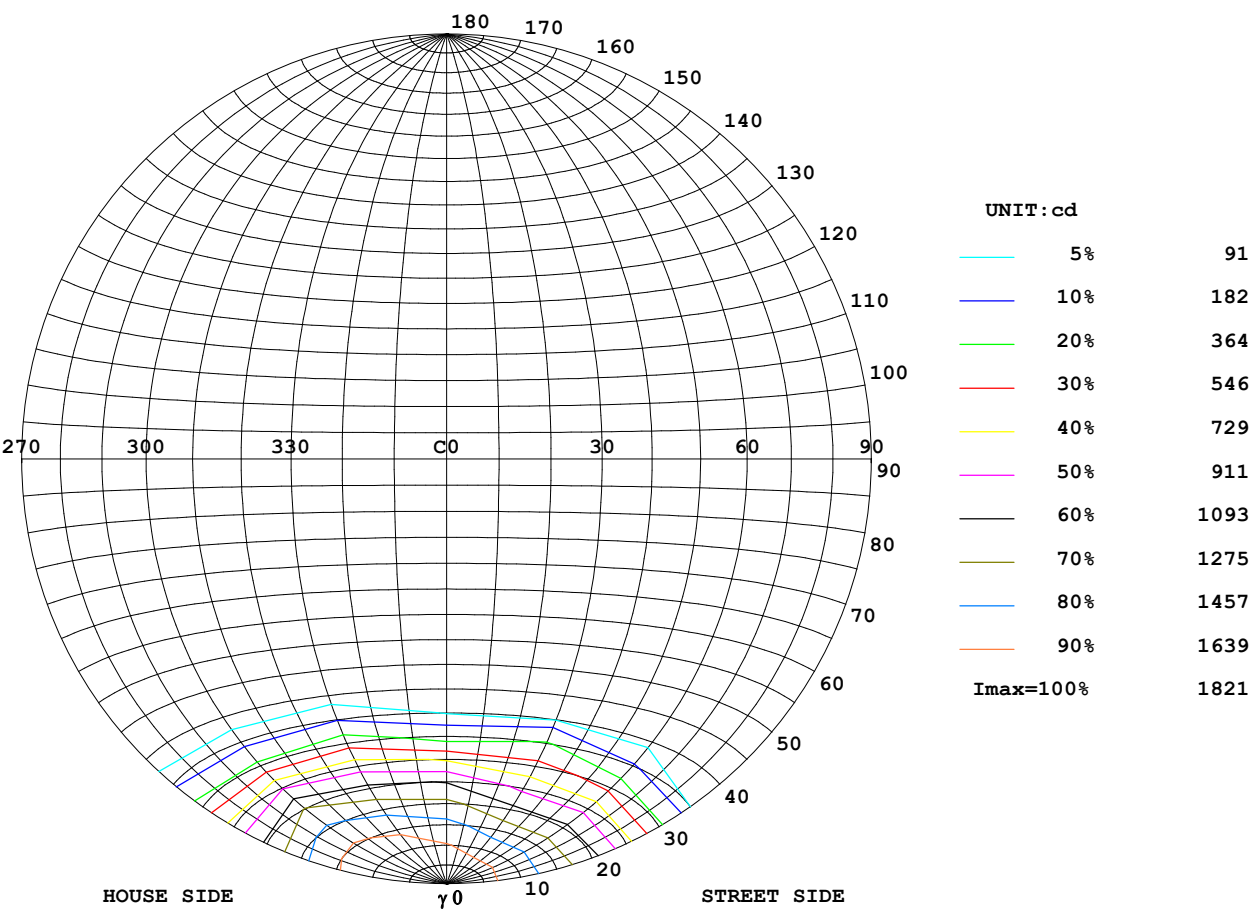
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-23-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K 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

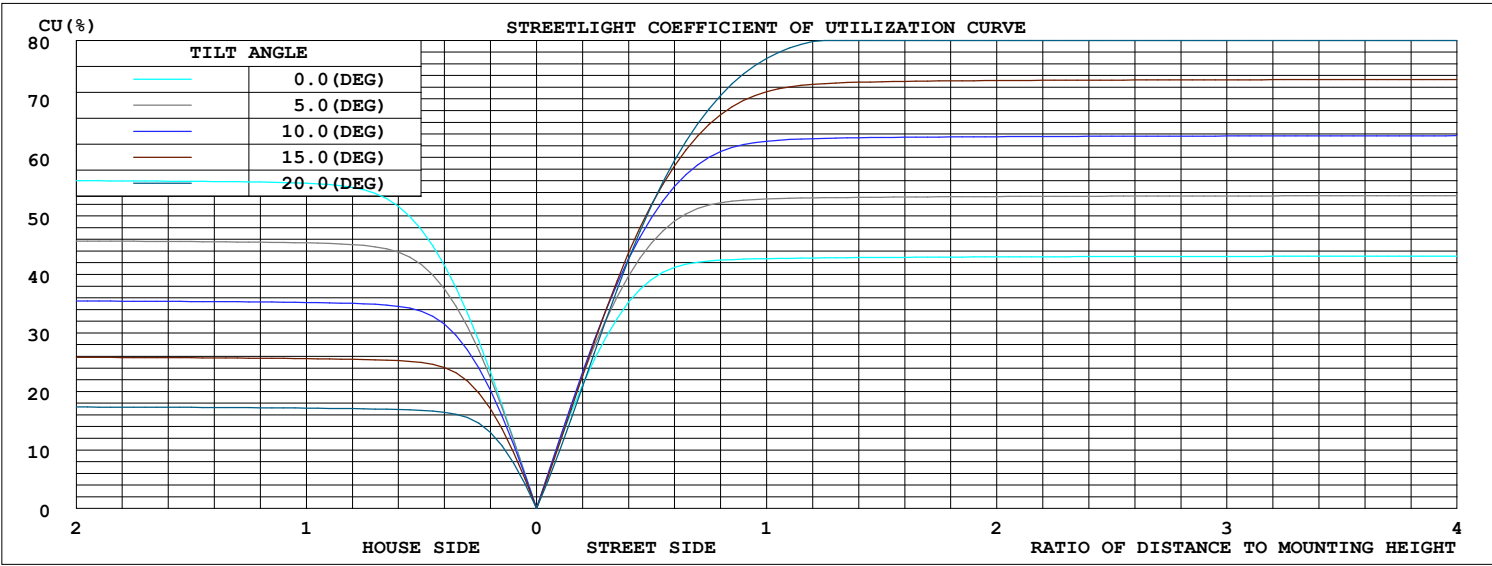
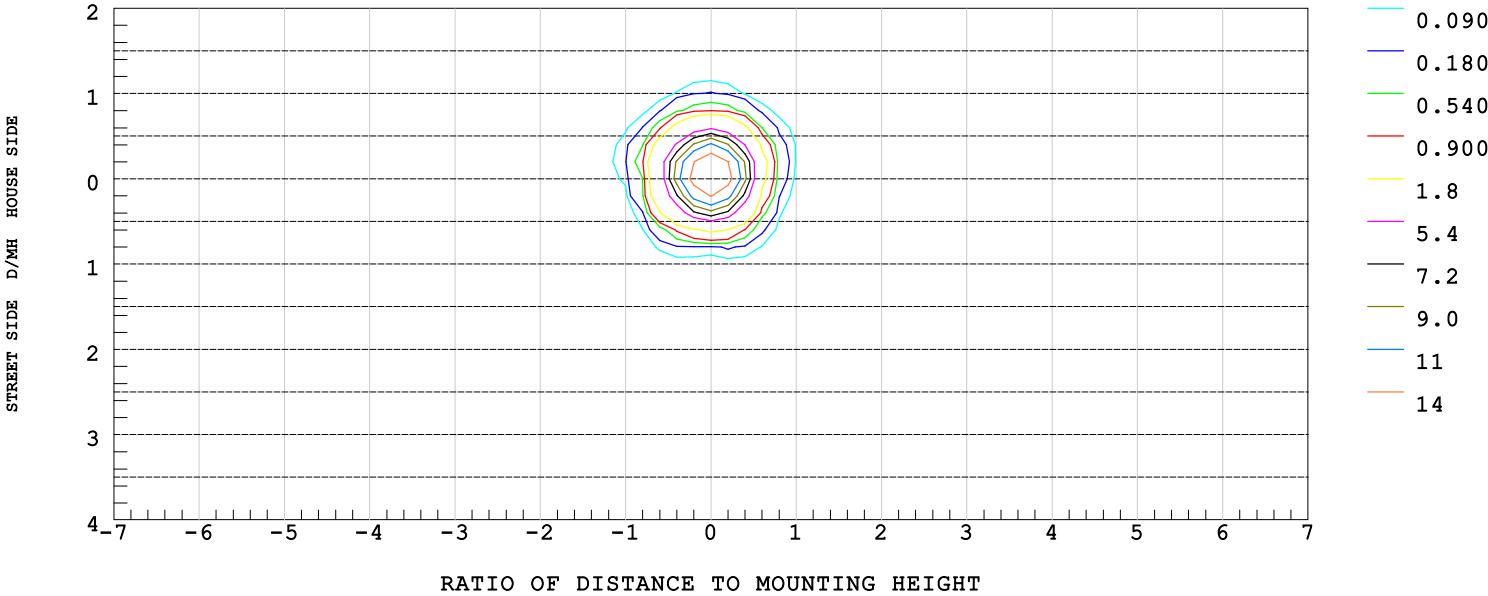
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: L-69 W-69 H-31 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 18.01 lx



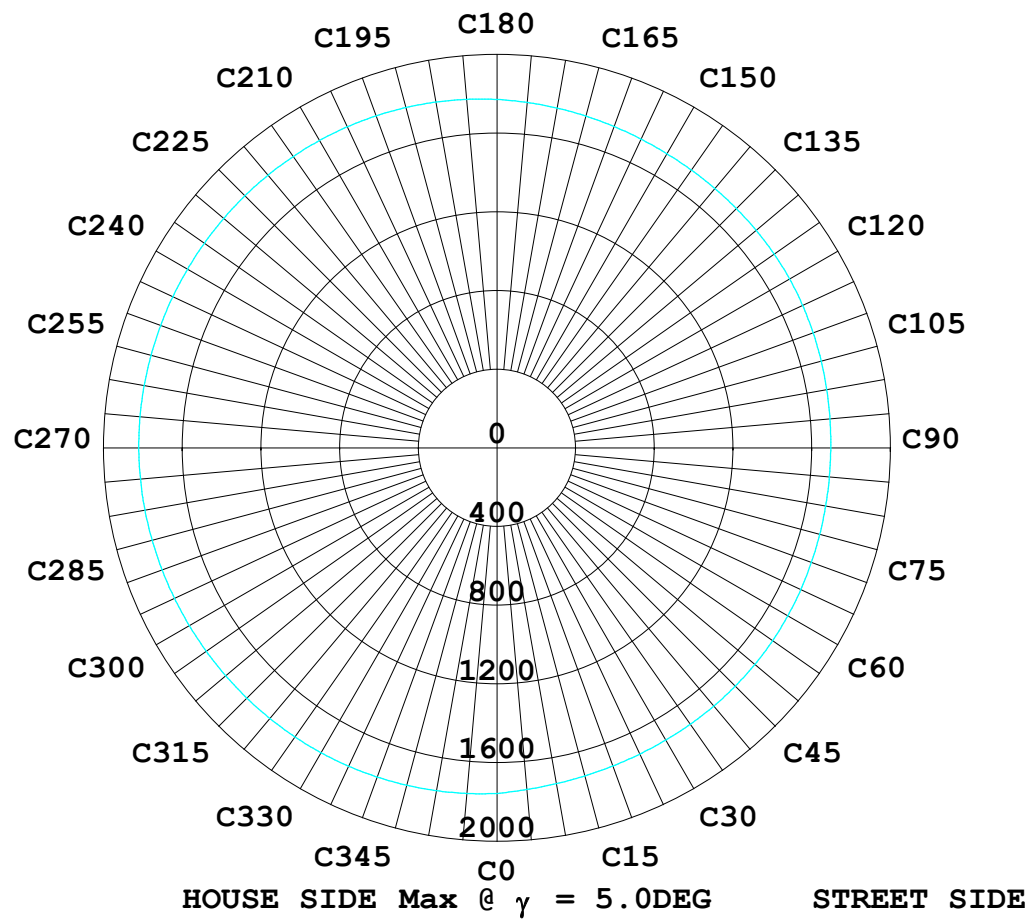
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-23-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: KYGX BRIGHT HEAD	TYPE: 4000K 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:9.000 m
Remarks: 4000K

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: 4000K 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	1801	1796	1797	1792	1797	1795	1801	1796	1797	1792	1797	1795
5.0	1756	1715	1707	1696	1718	1727	1772	1805	1817	1821	1807	1789
10.0	1649	1574	1566	1550	1580	1588	1669	1734	1760	1773	1740	1713
15.0	1508	1386	1373	1367	1386	1378	1494	1588	1625	1661	1607	1583
20.0	1319	1148	1145	1160	1138	1100	1288	1374	1410	1485	1401	1399
25.0	1082	869	856	792	829	800	954	1107	1123	1281	1141	1160
30.0	703	601	498	400	486	435	435	717	797	896	833	865
35.0	269	378	192	91.6	193	141	132	305	445	408	476	524
40.0	84.1	86.1	60.1	27.6	56.6	37.9	48.7	96.5	151	128	173	198
45.0	33.2	19.0	26.6	7.37	23.8	14.2	17.2	38.5	36.6	54.1	44.4	57.2
50.0	15.5	5.99	13.5	4.05	13.4	6.31	6.80	20.0	11.8	21.5	15.3	26.2
55.0	11.4	4.05	10.4	3.24	10.6	5.26	5.75	12.7	4.77	12.2	4.94	12.6
60.0	9.31	3.32	8.66	2.67	8.82	4.29	4.69	10.6	3.64	9.80	3.40	9.63
65.0	7.85	2.75	7.45	2.43	7.45	3.48	4.86	8.82	2.99	8.18	2.75	8.01
70.0	6.72	2.26	6.15	2.18	6.07	3.24	5.18	7.45	2.34	6.80	2.26	6.64
75.0	5.75	1.86	5.10	1.53	5.10	2.43	4.53	6.48	1.94	5.75	1.86	5.58
80.0	4.86	1.53	4.37	1.45	4.37	1.78	3.80	5.34	1.53	4.77	1.45	4.69
85.0	4.29	1.53	3.96	1.45	3.96	1.45	3.07	4.37	1.29	4.13	1.29	4.13
90.0	3.80	1.94	3.48	1.78	3.48	1.78	3.80	3.32	1.45	3.48	1.45	3.40

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:9.000 m
Remarks: 4000K