

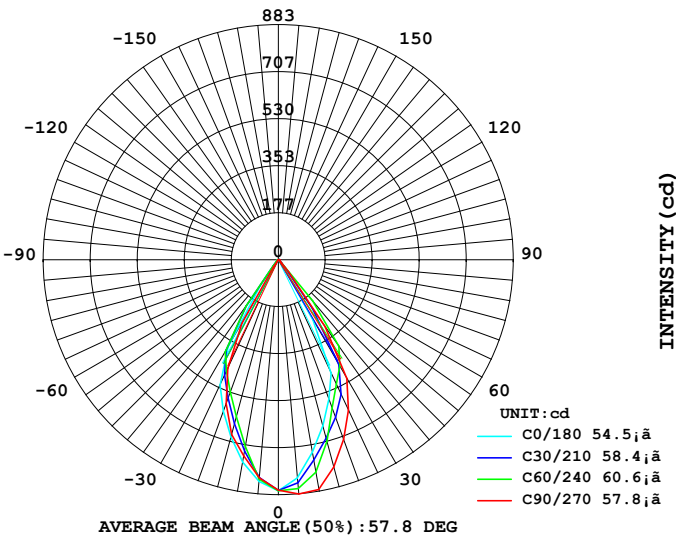
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

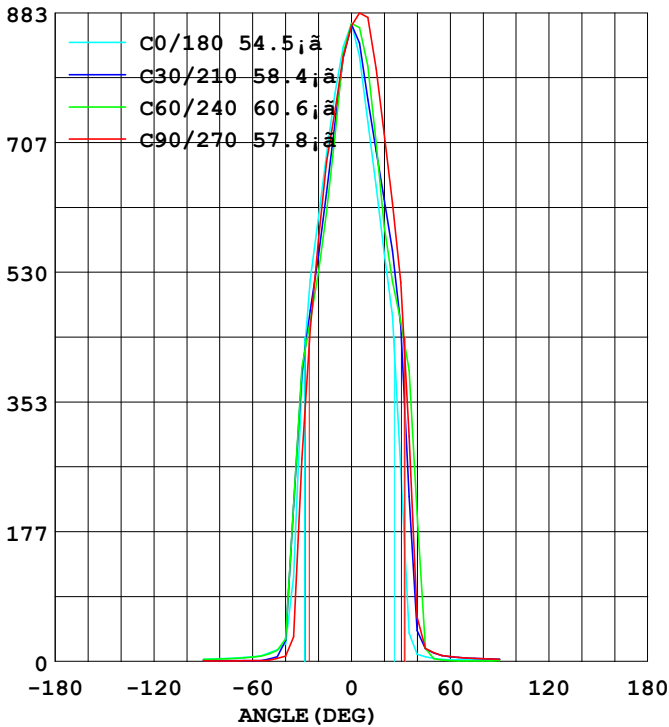
MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	883.4	S/MH (C0/180)	0.84
MODEL	ARYA 6	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.78
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	671.94	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	91.2	Current (A)	0.036
NOMINAL FLUX (lm)	671.9	η up (%)	0.0	Power (W)	7.370
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.928
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	642.6	EEI	0.137

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:

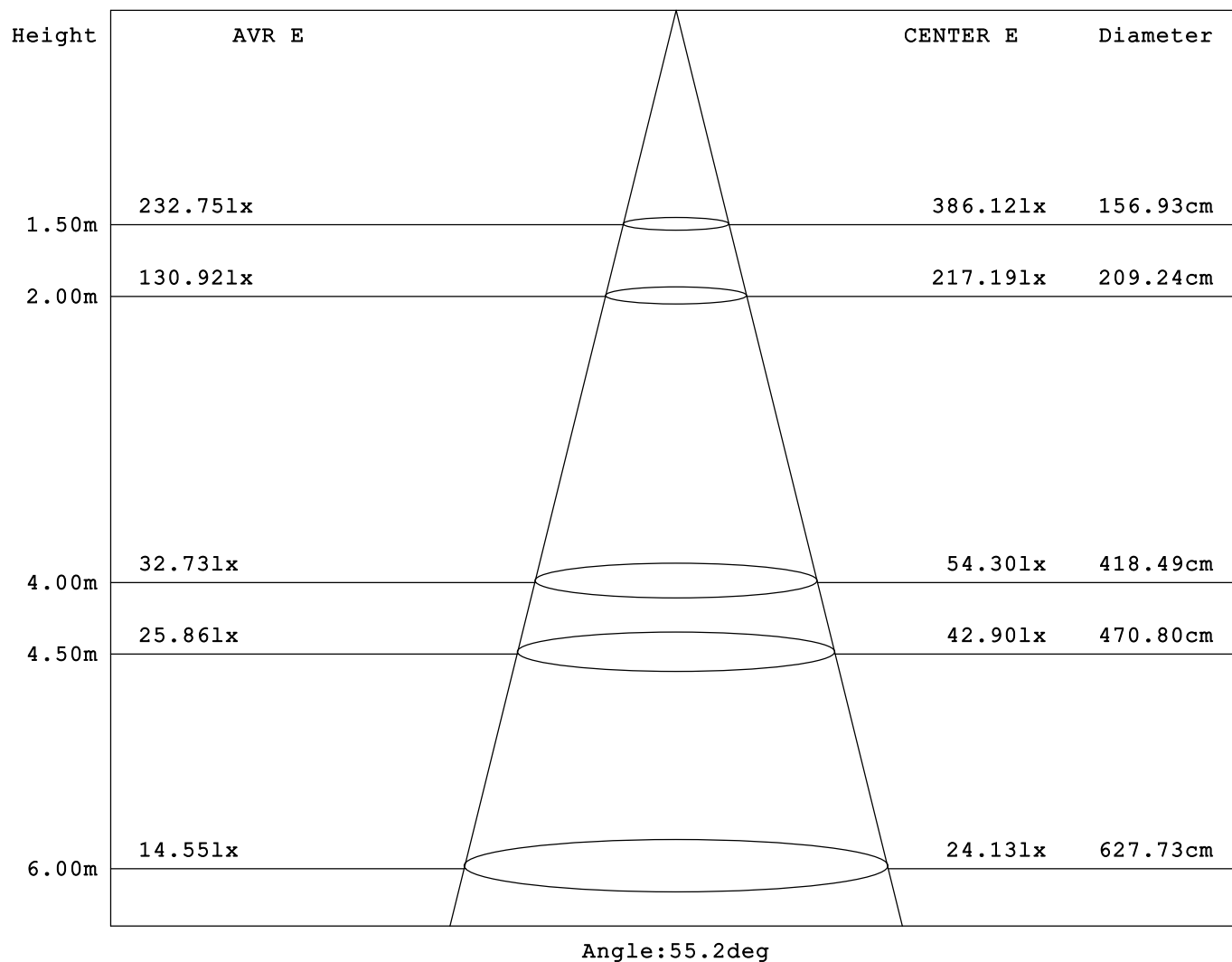
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:

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

NAME: ARYA 6

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM -250 MA

DIMENSION: L-106 W-30 H-40 MM

SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	773.0	722.8	748.5	719.2	734.9	788.0	877.0	812.4	0- 10	78.02	78.02
20.0	605.3	541.9	575.6	541.6	556.8	611.2	718.7	637.0	10- 20	191.0	269.0
30.0	378.2	396.4	276.2	370.8	261.5	459.4	516.1	497.1	20- 30	232.3	501.4
40.0	24.36	29.54	7.056	23.04	9.812	121.6	60.19	164.8	30- 40	139.0	640.4
50.0	11.35	6.835	1.653	6.394	4.079	7.441	11.79	8.544	40- 50	18.76	659.2
60.0	6.174	3.417	0.992	3.417	2.425	3.583	6.615	3.693	50- 60	4.564	663.8
70.0	4.630	2.646	0.772	2.535	2.315	2.590	4.630	2.590	60- 70	3.166	666.9
80.0	3.748	2.205	0.772	2.039	2.315	2.094	3.528	2.039	70- 80	2.637	669.6
90.0	2.976	2.039	1.212	1.984	3.307	1.874	2.646	1.819	80- 90	2.340	671.9
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:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks: 5700K

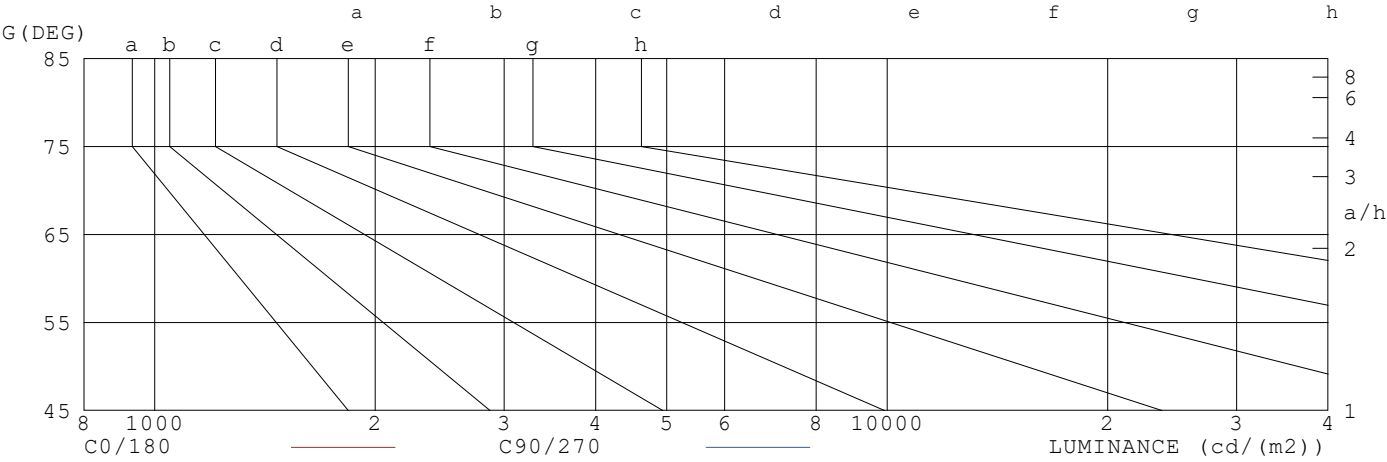
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 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	392	89
80	216	44
75	162	30
70	135	23
65	125	21
60	123	20
55	131	21
50	177	26
45	225	59

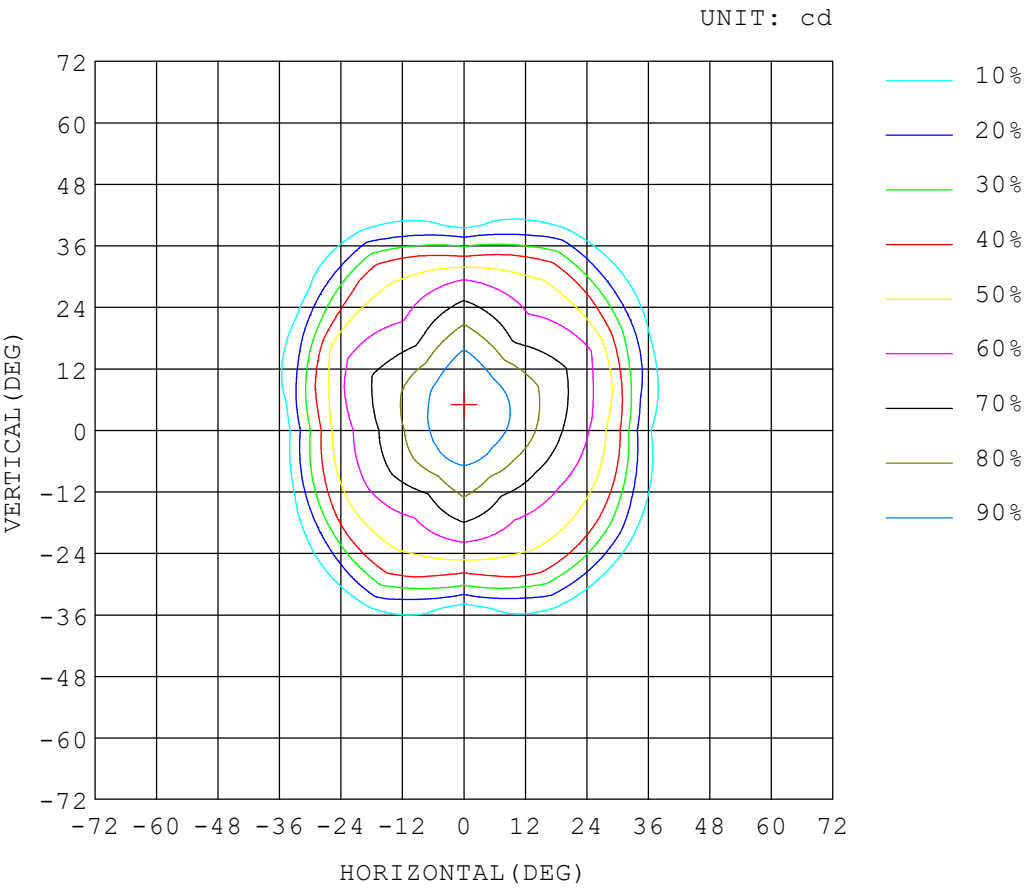
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:



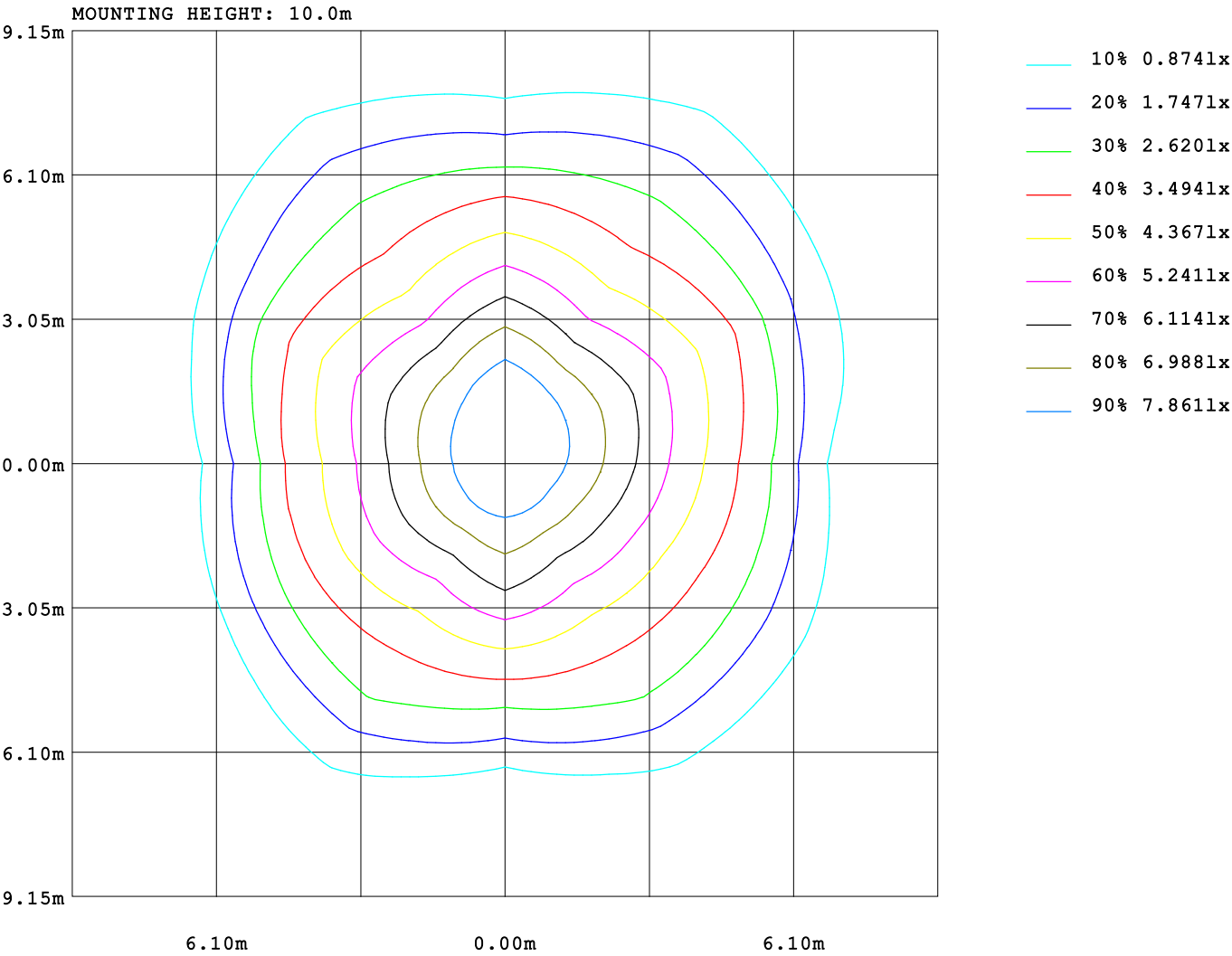
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:

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

NAME: ARYA 6

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM -250 MA

DIMENSION: L-106 W-30 H-40 MM

SERIAL No.:

72	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.02	0.03	0.04	0.04	0.03	0.02	0.03	0.06	0.08	0.08	0.06	0.03	0.02	0.03	0.03	0.04	0.03	0.02	0.70	0.00	
64	0.02	0.04	0.04	0.04	0.03	0.02	0.04	0.08	0.11	0.11	0.08	0.04	0.02	0.04	0.04	0.05	0.04	0.03	0.87	0.00	
56	0.02	0.04	0.05	0.06	0.05	0.04	0.06	0.12	0.18	0.18	0.12	0.06	0.04	0.05	0.06	0.06	0.04	0.03	1.26	0.00	
48	0.02	0.04	0.06	0.08	0.09	0.11	0.27	0.67	0.71	0.74	0.73	0.31	0.13	0.10	0.08	0.07	0.05	0.03	4.28	0.55	
40	0.02	0.04	0.07	0.11	0.17	0.77	3.10	4.76	5.10	5.18	4.98	3.43	0.97	0.21	0.13	0.08	0.05	0.03	29.2	27.0	
32	0.02	0.04	0.07	0.14	0.42	2.68	6.69	8.80	10.2	10.3	9.07	7.28	3.51	0.70	0.18	0.09	0.05	0.03	60.3	58.4	
24	0.02	0.04	0.07	0.16	0.85	4.93	8.91	10.5	12.8	13.0	10.9	9.57	6.12	1.62	0.25	0.11	0.06	0.03	80.2	78.5	
VERTICAL (DEG)	0.02	0.03	0.06	0.17	1.33	6.38	10.4	12.6	15.2	15.4	13.1	11.1	7.60	2.27	0.34	0.12	0.06	0.04	96.5	95.0	
	0.02	0.03	0.05	0.13	1.18	6.34	10.5	13.5	16.2	16.4	14.2	11.3	7.68	2.18	0.31	0.12	0.06	0.04	100	98.9	
	0.02	0.02	0.04	0.10	0.95	5.90	10.0	12.9	15.4	15.5	13.3	10.6	7.17	1.90	0.24	0.11	0.06	0.03	94.5	93.1	
	0.02	0.02	0.03	0.08	0.78	5.05	9.13	11.2	13.0	13.1	11.2	9.25	6.17	1.53	0.19	0.08	0.05	0.03	81.2	79.9	
	0.01	0.02	0.03	0.06	0.37	3.16	7.34	9.22	10.5	10.6	9.31	7.69	4.25	0.73	0.12	0.06	0.04	0.03	63.6	62.3	
-24	0.01	0.02	0.02	0.04	0.12	1.11	4.36	6.60	6.85	6.86	6.56	4.57	1.47	0.19	0.06	0.04	0.03	0.02	38.9	37.5	
-32	0.01	0.01	0.01	0.03	0.09	0.24	0.95	1.76	1.48	1.44	1.65	0.91	0.26	0.10	0.03	0.02	0.02	0.02	9.05	5.29	
-40	0.01	0.01	0.01	0.03	0.07	0.14	0.22	0.22	0.15	0.14	0.21	0.22	0.15	0.07	0.03	0.01	0.02	0.02	1.72	0.00	
-48	0.01	0.01	0.01	0.03	0.06	0.10	0.12	0.10	0.05	0.05	0.10	0.12	0.10	0.06	0.03	0.01	0.02	0.02	1.01	0.00	
-56	0.01	0.01	0.01	0.03	0.06	0.08	0.08	0.06	0.03	0.03	0.06	0.08	0.08	0.06	0.03	0.02	0.01	0.01	0.78	0.00	
-64	0.01	0.01	0.02	0.03	0.05	0.07	0.06	0.05	0.03	0.03	0.05	0.06	0.07	0.05	0.03	0.02	0.01	0.01	0.65	0.00	
-72																					
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
Φ t	0.31	0.45	0.71	1.36	6.71	37.1	72.4	93.5	109	109	95.9	76.7	45.8	11.9	2.17	1.09	0.70	0.48	672		
Φ a	0.00	0.00	0.00	0.00	2.88	34.9	70.8	91.9	107	108	94.3	75.1	44.0	8.32	0.00	0.00	0.00	0.00		643	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-29-2025

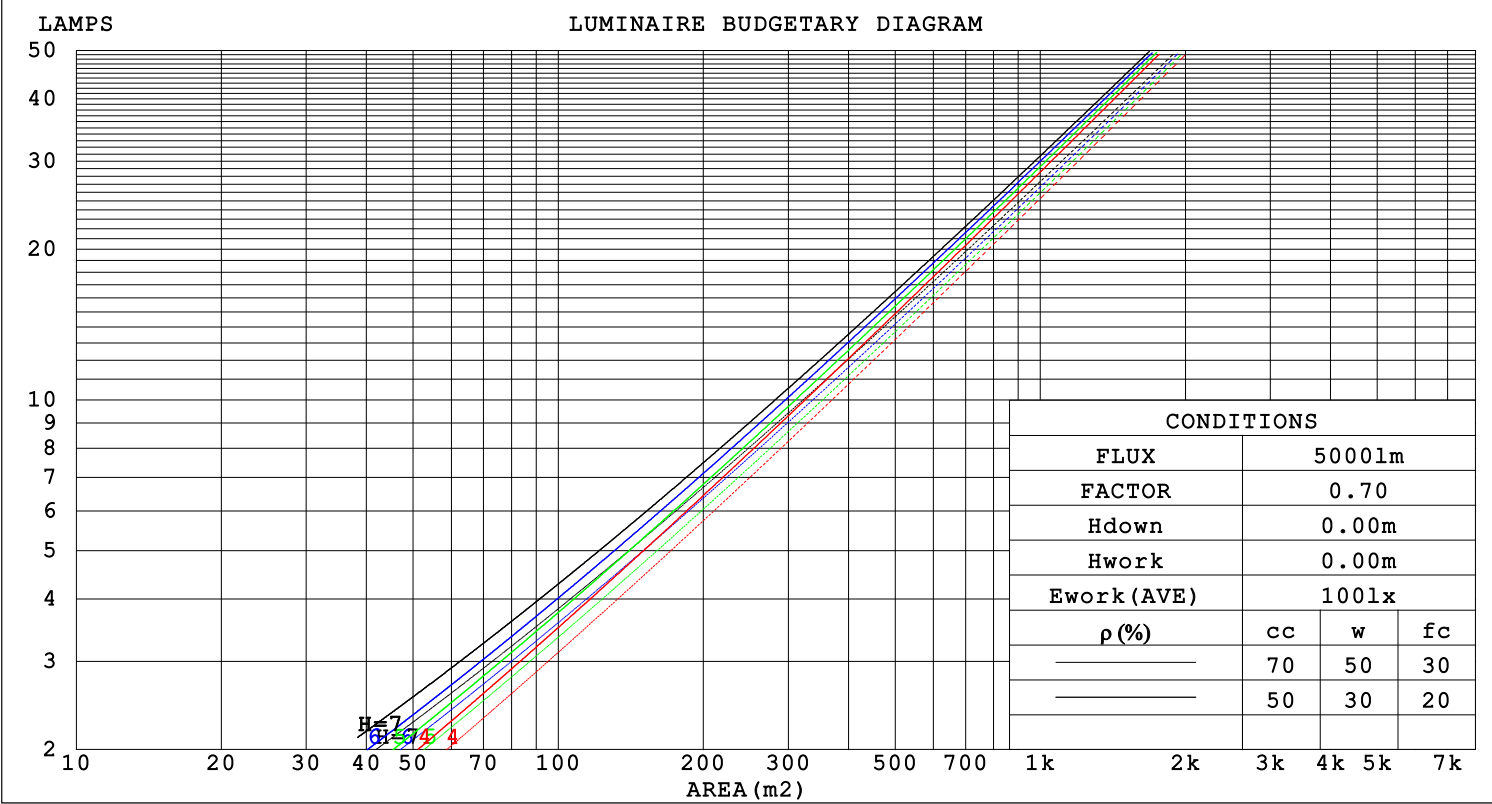
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019															
NAME: ARYA 6								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM -250 MA								DIMENSION: L-106 W-30 H-40 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	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.96	.92	.88	.95	.91	.87	.92	.89	.86	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.76	.73	.79	.75	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.65	.61	.71	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
9.0	.67	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.56
10.0	.64	.58	.54	.63	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER:														
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019														
NAME: ARYA 6							TYPE: 5700K CRI-90					WEIGHT:		
SPECIFICATION: OSRAM -250 MA							DIMENSION: L-106 W-30 H-40 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	.179	.102	.032	.172	.098	.031	.159	.091	.029	.148	.085	.027	.137	.079	.026	
2.0	.169	.093	.028	.164	.090	.028	.153	.085	.026	.143	.080	.025	.134	.076	.024	
3.0	.160	.085	.026	.156	.083	.025	.147	.079	.024	.138	.076	.023	.130	.072	.022	
4.0	.152	.079	.023	.148	.078	.023	.140	.074	.022	.133	.072	.022	.126	.069	.021	
5.0	.145	.074	.021	.141	.073	.021	.135	.070	.021	.128	.068	.020	.122	.065	.020	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.124	.064	.019	.118	.062	.019	
7.0	.132	.065	.019	.129	.064	.018	.124	.063	.018	.119	.061	.018	.115	.060	.017	
8.0	.127	.062	.017	.124	.061	.017	.119	.060	.017	.115	.058	.017	.111	.057	.017	
9.0	.121	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.054	.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	.147	.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	.078	.060	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.100	.067	.044	.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	.054	.028	.082	.047	.024	.057	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019											
NAME: ARYA 6					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM -250 MA					DIMENSION: L-106 W-30 H-40 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	3.0	3.9	3.2	4.1	4.2	0.6	1.5	0.8	1.7	1.9	
	3H	3.0	3.9	3.3	4.1	4.3	0.6	1.5	0.9	1.7	1.9
	4H	3.1	3.9	3.4	4.2	4.4	0.6	1.4	0.9	1.7	1.9
	6H	3.4	4.2	3.7	4.4	4.7	0.7	1.4	1.0	1.7	1.9
	8H	3.7	4.4	4.0	4.7	5.0	0.7	1.4	1.0	1.7	1.9
	12H	4.1	4.8	4.4	5.1	5.3	0.7	1.4	1.1	1.7	2.0
4H	2H	2.8	3.6	3.0	3.8	4.0	0.5	1.3	0.8	1.5	1.7
	3H	2.8	3.5	3.1	3.8	4.0	0.7	1.4	1.0	1.7	2.0
	4H	3.0	3.6	3.3	3.9	4.2	1.0	1.6	1.3	1.9	2.2
	6H	3.4	3.9	3.8	4.3	4.6	1.2	1.8	1.6	2.1	2.5
	8H	3.8	4.3	4.2	4.6	5.0	1.3	1.9	1.7	2.2	2.6
	12H	4.4	4.8	4.8	5.2	5.6	1.5	2.0	1.9	2.4	2.8
8H	4H	2.9	3.5	3.3	3.8	4.2	1.1	1.6	1.5	1.9	2.3
	6H	3.4	3.8	3.8	4.2	4.6	1.8	2.2	2.2	2.6	3.0
	8H	3.8	4.2	4.3	4.6	5.1	2.1	2.5	2.6	2.9	3.4
	12H	4.6	4.9	5.0	5.3	5.8	2.6	2.9	3.1	3.4	3.9
12H	4H	3.0	3.4	3.4	3.8	4.2	1.0	1.5	1.5	1.9	2.3
	6H	3.4	3.8	3.9	4.2	4.7	1.8	2.2	2.3	2.6	3.0
	8H	3.9	4.2	4.3	4.6	5.1	2.4	2.7	2.8	3.1	3.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 0.7					+ 0.6 / - 0.4					
1.5H	+ 1.7 / - 0.9					+ 1.2 / - 0.7					
2.0H	+ 1.7 / - 0.7					+ 0.8 / - 0.7					

CIE Pub.117 Corrected 671.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 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	82	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

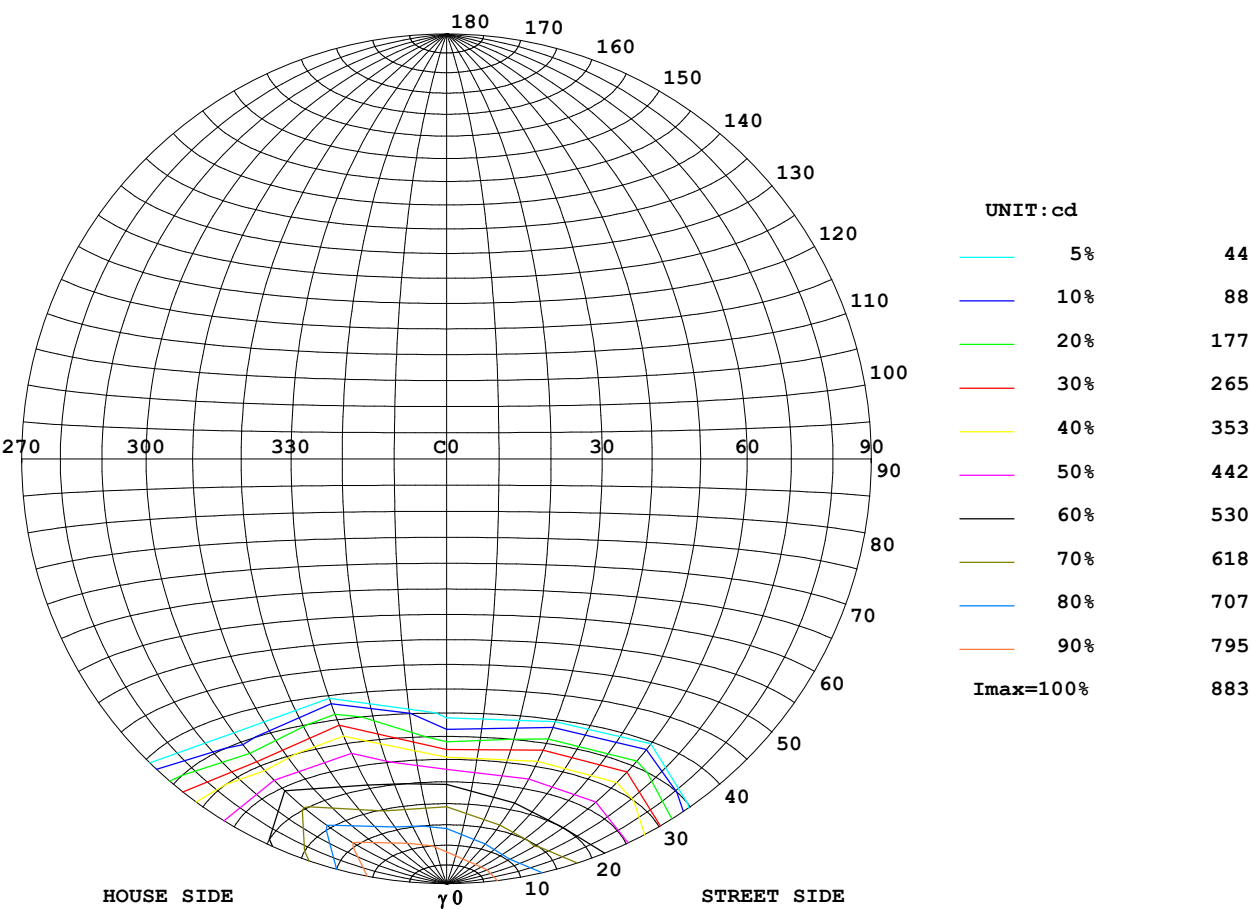
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

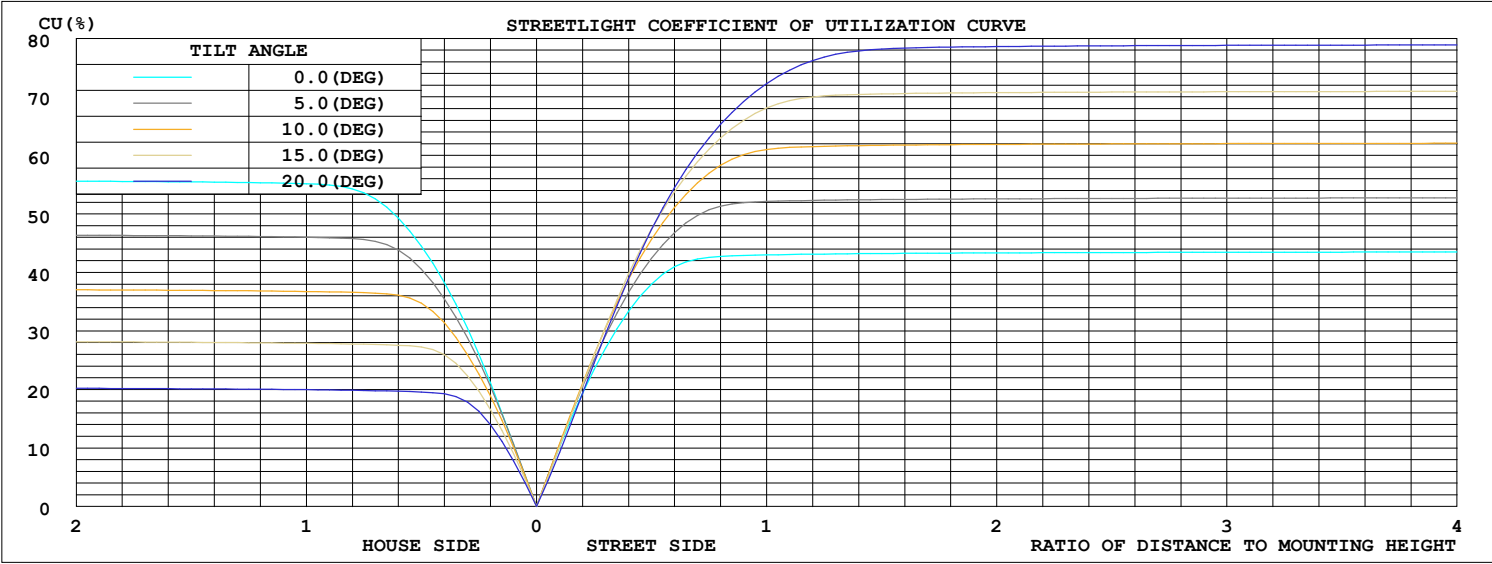
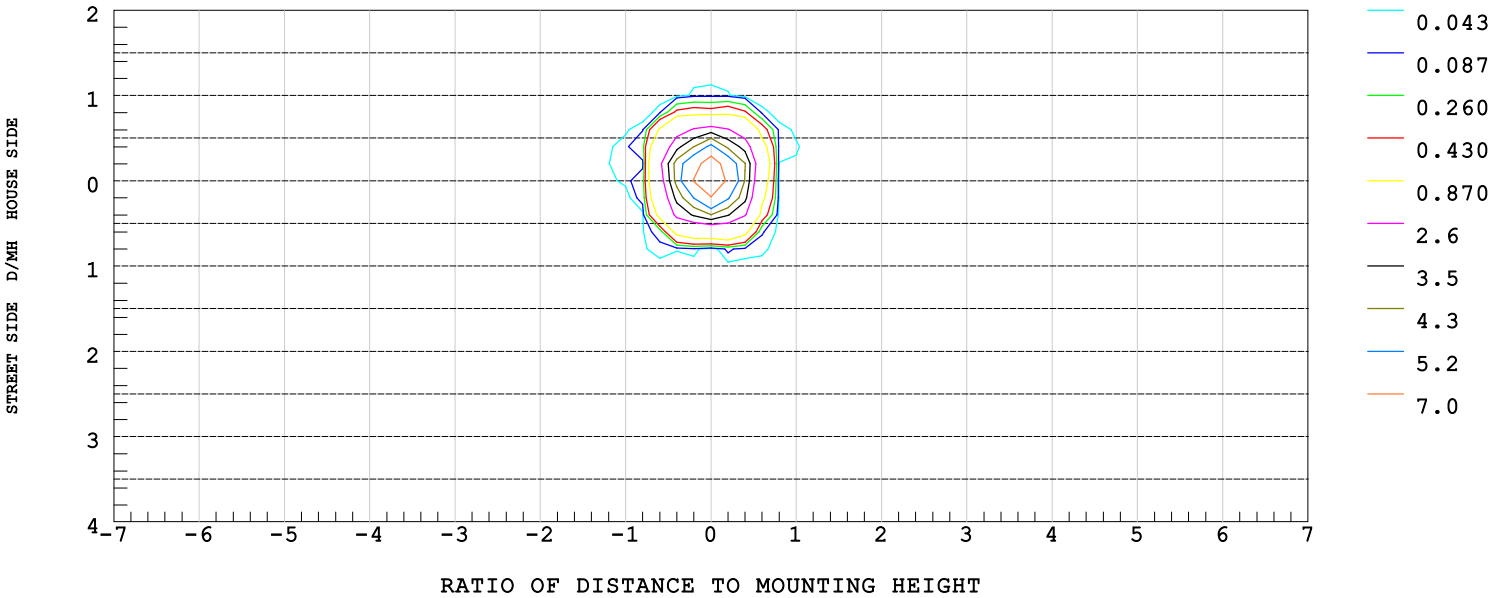
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 8.69 lx



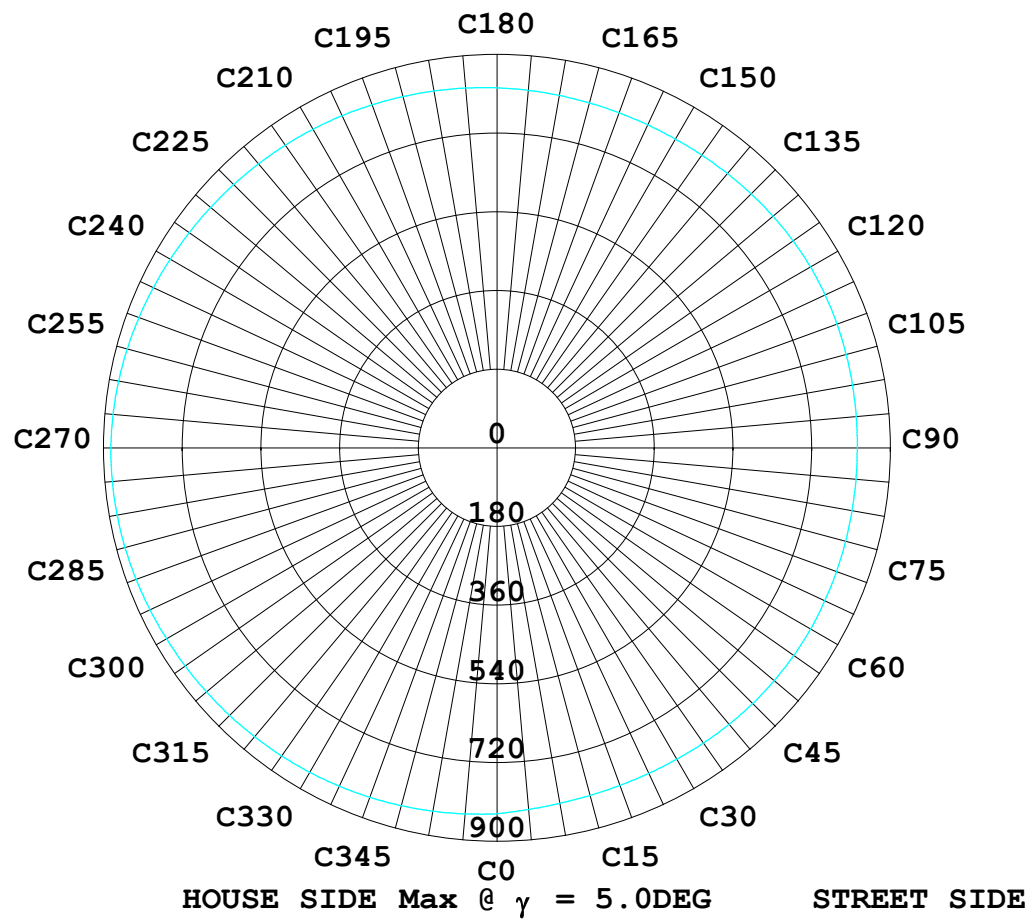
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ARYA 6	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-106 W-30 H-40 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	869	867	869	866	870	867	869	867	869	866	870	867
5.0	837	822	828	824	828	816	824	842	863	883	873	857
10.0	773	732	714	749	711	728	735	765	811	877	826	799
15.0	691	639	612	680	601	642	647	695	707	807	724	732
20.0	605	553	531	576	523	560	557	630	593	719	610	664
25.0	520	478	463	452	460	474	471	560	518	624	539	594
30.0	378	393	400	276	400	341	262	456	462	516	479	515
35.0	115	211	213	33.5	228	120	38.3	225	397	307	412	311
40.0	24.3	28.4	30.6	7.05	34.0	12.0	9.81	42.2	201	60.1	221	108
45.0	15.8	6.39	14.8	4.18	15.1	4.96	6.17	17.1	17.7	17.7	21.0	21.8
50.0	11.3	3.30	10.3	1.65	10.2	2.53	4.07	11.3	3.52	11.7	3.96	13.1
55.0	7.49	1.21	7.16	1.21	7.27	1.21	2.64	7.93	1.76	8.26	1.98	8.70
60.0	6.17	0.99	5.84	0.99	5.95	0.88	2.42	6.28	0.88	6.61	0.88	6.50
65.0	5.29	0.88	5.07	0.88	4.96	0.88	2.31	5.29	0.77	5.40	0.77	5.40
70.0	4.63	0.99	4.29	0.77	4.29	0.77	2.31	4.41	0.77	4.63	0.66	4.52
75.0	4.18	0.88	3.74	0.77	3.74	0.77	2.31	3.96	0.77	3.96	0.66	3.96
80.0	3.74	0.99	3.41	0.77	3.30	0.77	2.31	3.52	0.66	3.52	0.66	3.41
85.0	3.41	0.88	2.97	0.77	2.97	0.88	2.42	3.08	0.66	3.19	0.77	3.08
90.0	2.97	1.32	2.75	1.21	2.64	1.32	3.30	2.75	0.99	2.64	0.99	2.64

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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