

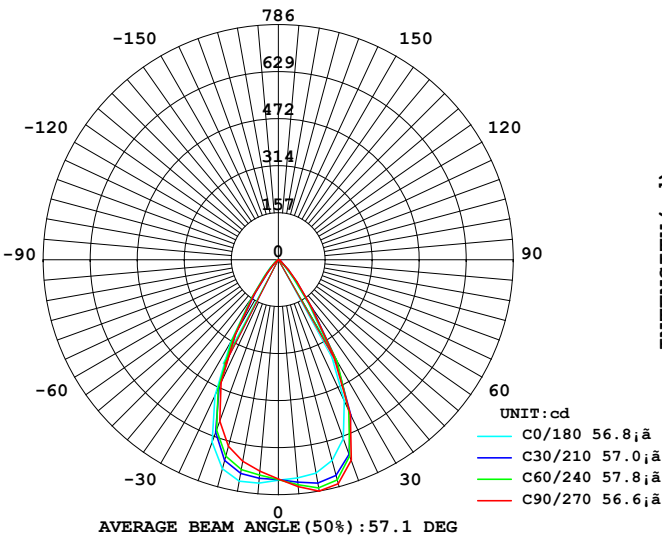
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

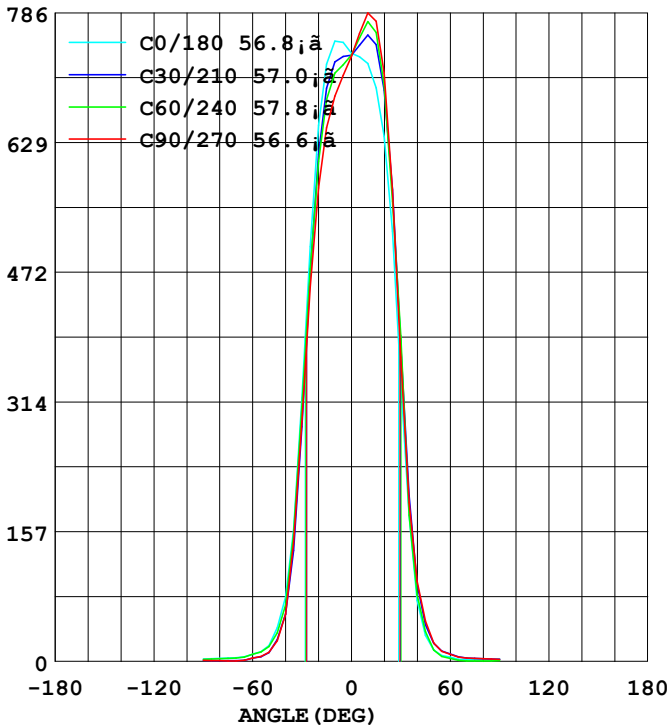
MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

DATA OF LAMP		Imax (cd)	785.8	S/MH (C0/180)	0.84
MODEL	LUKE 8	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.83
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	659.58	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	84.6	Current (A)	0.035
NOMINAL FLUX (lm)	659.6	η up (%)	0.0	Power (W)	7.800
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	610.5	EEI	0.151

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

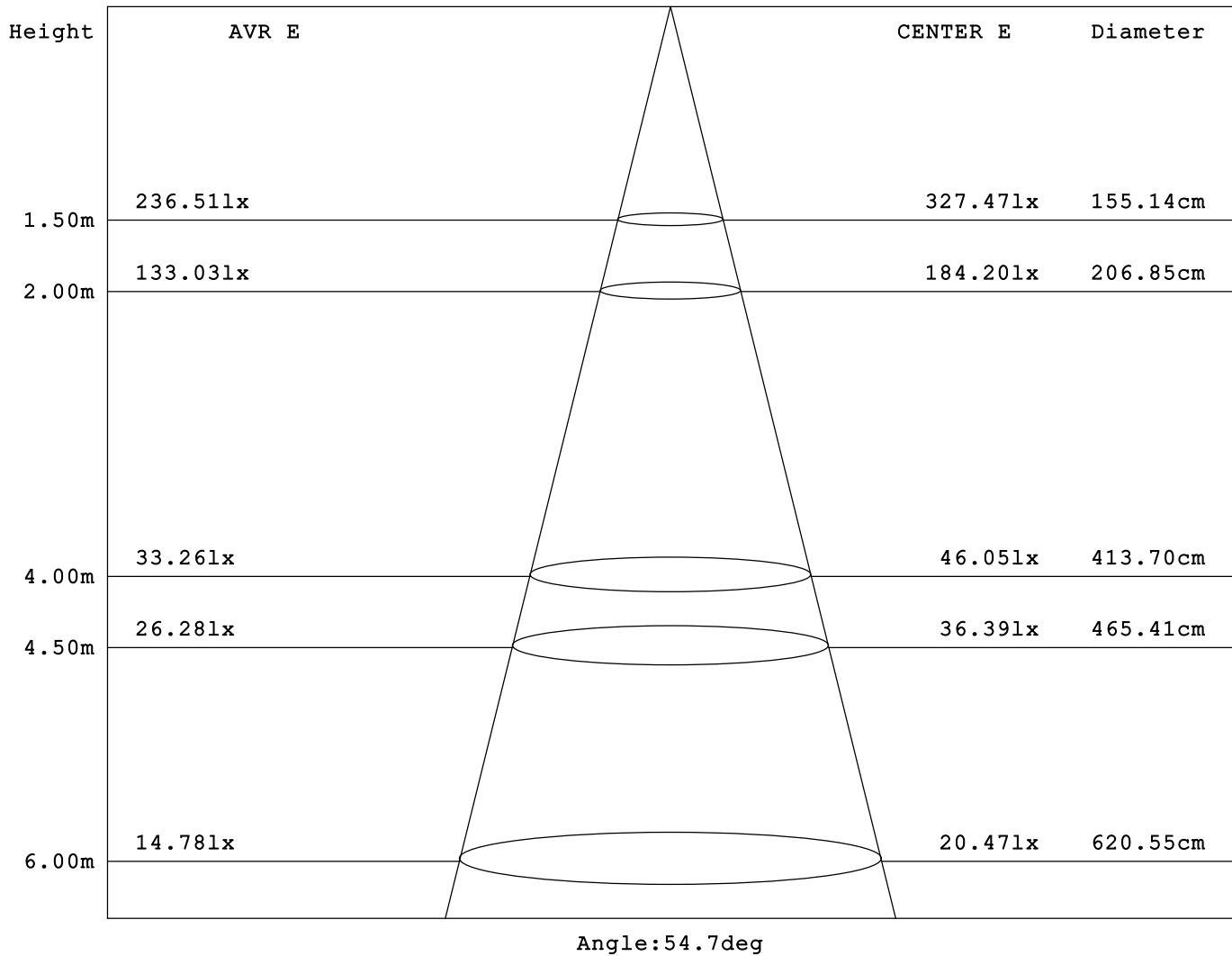
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	751.6	719.5	684.8	689.6	724.3	766.9	785.8	773.1	0- 10	70.41	70.41
20.0	649.4	610.1	573.7	585.6	636.0	695.2	712.9	681.7	10- 20	197.4	267.8
30.0	319.3	296.6	290.7	319.7	340.2	389.0	368.5	332.5	20- 30	228.0	495.9
40.0	78.06	63.08	57.03	68.77	74.00	87.13	97.28	87.27	30- 40	114.5	610.4
50.0	19.13	14.39	10.92	14.98	13.71	17.77	22.11	17.41	40- 50	31.50	641.9
60.0	8.754	6.317	4.151	6.723	5.234	6.498	8.664	5.956	50- 60	9.084	651.0
70.0	4.422	2.436	0.542	2.301	1.985	2.436	4.061	2.256	60- 70	3.886	654.9
80.0	3.610	2.075	0.902	1.940	2.166	1.985	3.158	1.850	70- 80	2.421	657.3
90.0	3.068	2.030	1.173	1.850	3.068	1.805	2.436	1.669	80- 90	2.219	659.5
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:09-06-2025

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

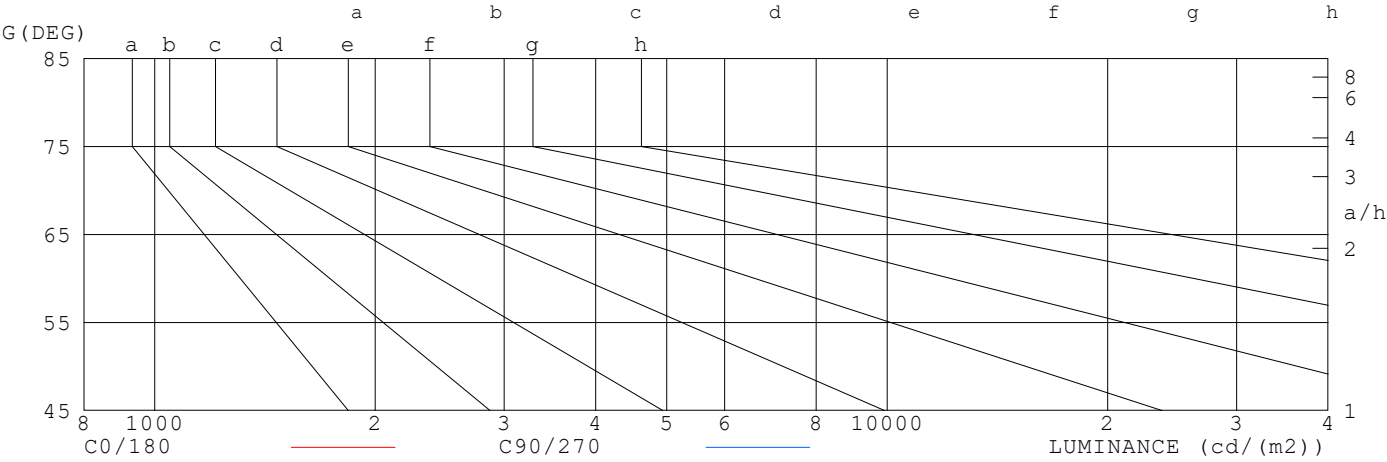
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	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	373	104
80	208	52
75	153	28
70	129	16
65	132	30
60	175	83
55	208	102
50	298	170
45	579	352

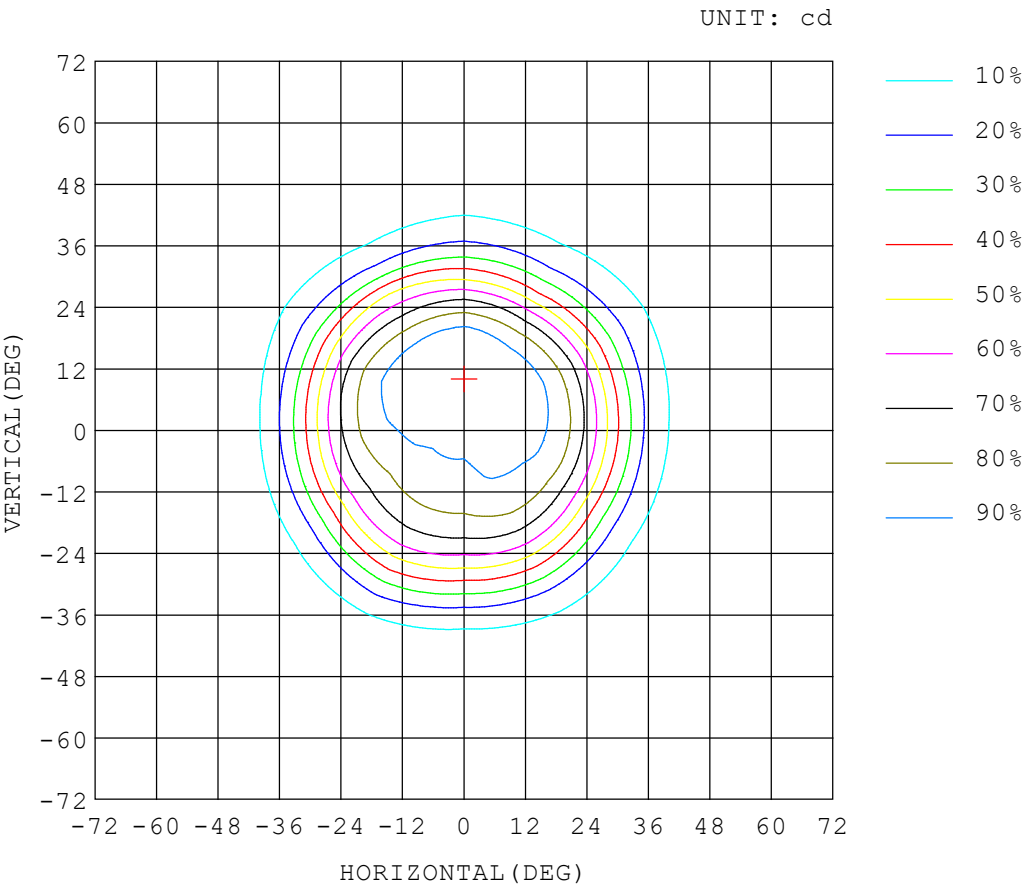
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



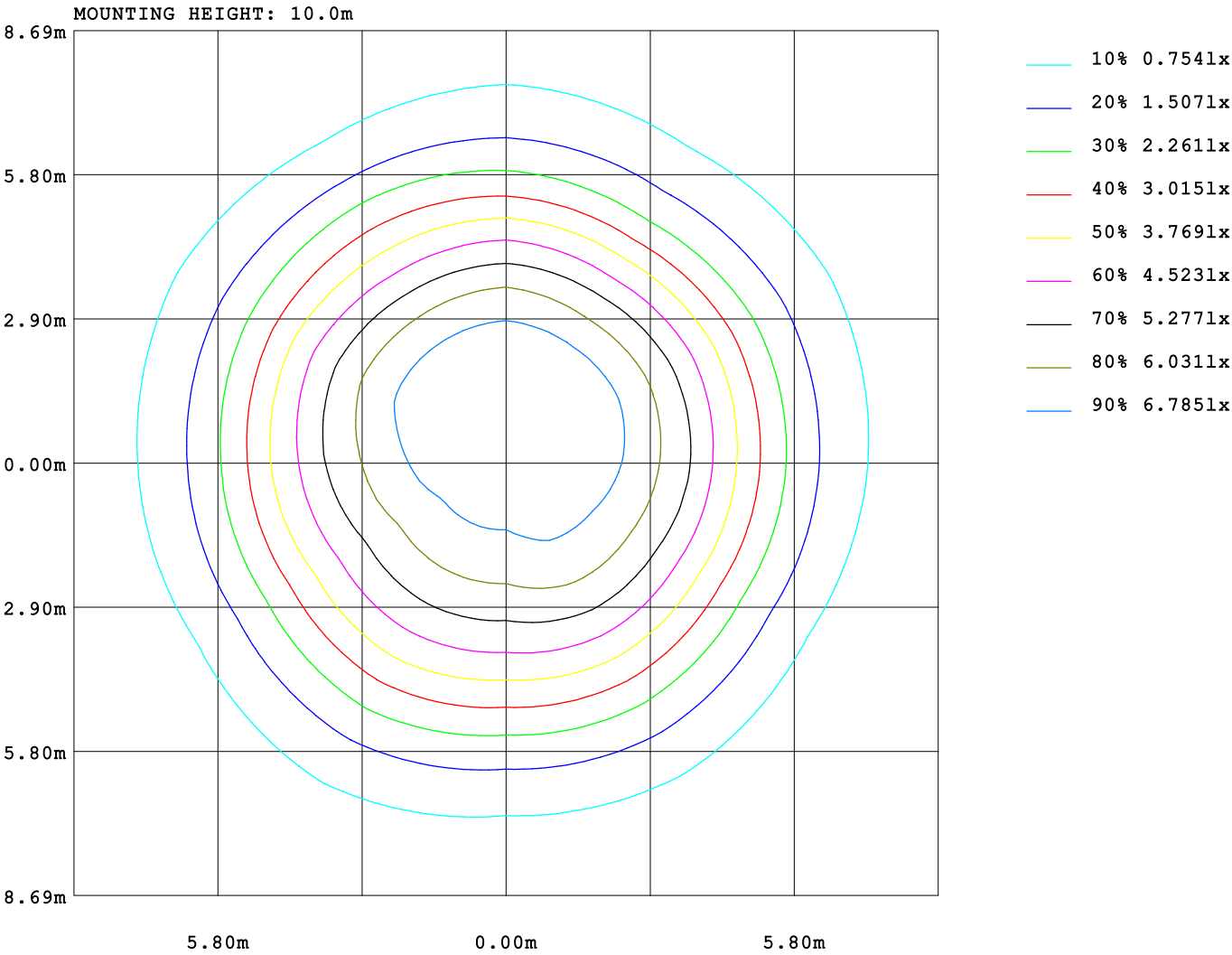
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: OSRAM 250 MA

DIMENSION: OUTER-65 CUTOUT-60 H-62

MSERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.04	0.03	0.02	0.02	0.03	0.06	0.08	0.08	0.06	0.03	0.01	0.02	0.03	0.03	0.03	0.02	0.65	0.00		
72	0.02	0.03	0.04	0.04	0.04	0.04	0.07	0.11	0.15	0.15	0.11	0.07	0.04	0.04	0.04	0.04	0.03	0.02	1.10	0.00		
64	0.02	0.04	0.06	0.07	0.09	0.10	0.15	0.25	0.34	0.34	0.24	0.15	0.10	0.09	0.07	0.05	0.04	0.03	2.21	0.00		
56	0.02	0.04	0.08	0.12	0.18	0.28	0.49	0.83	1.10	1.11	0.84	0.50	0.28	0.17	0.12	0.07	0.04	0.03	6.31	0.67		
48	0.02	0.04	0.10	0.19	0.39	0.82	1.53	2.54	3.37	3.31	2.45	1.52	0.84	0.40	0.19	0.10	0.05	0.03	17.9	13.5		
40	0.02	0.05	0.12	0.30	0.82	2.03	4.31	7.03	8.53	8.24	6.21	3.80	1.93	0.85	0.31	0.13	0.06	0.03	44.8	42.0		
32	0.02	0.05	0.14	0.43	1.47	4.19	8.33	11.5	13.2	13.1	11.0	7.54	3.78	1.44	0.48	0.16	0.07	0.03	77.0	74.8		
24	0.02	0.06	0.15	0.56	2.14	6.21	11.0	13.8	14.9	14.9	13.7	10.6	5.71	2.02	0.64	0.19	0.08	0.04	96.9	94.9		
16	0.02	0.05	0.15	0.62	2.56	7.11	11.6	13.9	14.6	14.7	14.2	11.6	6.71	2.38	0.71	0.21	0.09	0.04	102	99.6		
8	0.02	0.05	0.14	0.57	2.43	6.75	10.9	13.0	13.8	14.1	13.6	11.2	6.44	2.25	0.66	0.19	0.08	0.03	96.4	94.5		
0	0.01	0.04	0.12	0.45	1.81	5.31	9.35	11.8	12.8	13.2	12.4	9.50	4.99	1.68	0.51	0.16	0.07	0.03	84.4	82.5		
-8	0.01	0.04	0.09	0.29	1.06	3.34	6.93	9.76	10.8	11.0	9.82	6.66	3.01	1.00	0.33	0.12	0.06	0.03	64.4	62.2		
-16	0.01	0.03	0.07	0.17	0.53	1.62	3.79	5.96	6.90	6.81	5.65	3.41	1.46	0.52	0.18	0.08	0.04	0.02	37.2	34.7		
-24	0.01	0.02	0.05	0.10	0.27	0.67	1.42	2.20	2.60	2.53	2.02	1.28	0.64	0.26	0.10	0.06	0.03	0.02	14.3	9.63		
-32	0.01	0.01	0.03	0.08	0.15	0.30	0.50	0.64	0.68	0.67	0.62	0.48	0.29	0.15	0.07	0.03	0.02	0.02	4.72	0.00		
-40	0.01	0.01	0.01	0.05	0.11	0.18	0.22	0.22	0.20	0.20	0.22	0.21	0.17	0.10	0.05	0.02	0.01	0.02	1.99	0.00		
-48	0.01	0.01	0.01	0.03	0.06	0.10	0.12	0.11	0.09	0.09	0.11	0.12	0.10	0.06	0.03	0.02	0.01	0.01	1.09	0.00		
-56	0.01	0.01	0.01	0.03	0.05	0.06	0.06	0.04	0.03	0.03	0.05	0.06	0.06	0.05	0.03	0.02	0.01	0.01	0.62	0.00		
-64																						
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)	16	24	32	40	48	56	64	72					
Φ t	0.29	0.60	1.38	4.14	14.2	39.1	71.0	93.9	105	105	93.4	68.8	36.5	13.5	4.54	1.66	0.84	0.46	660			
Φ a	0.00	0.00	0.00	0.00	10.1	36.0	68.1	91.2	102	102	90.7	65.9	33.4	9.44	0.00	0.00	0.00	0.00		610		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-06-2025

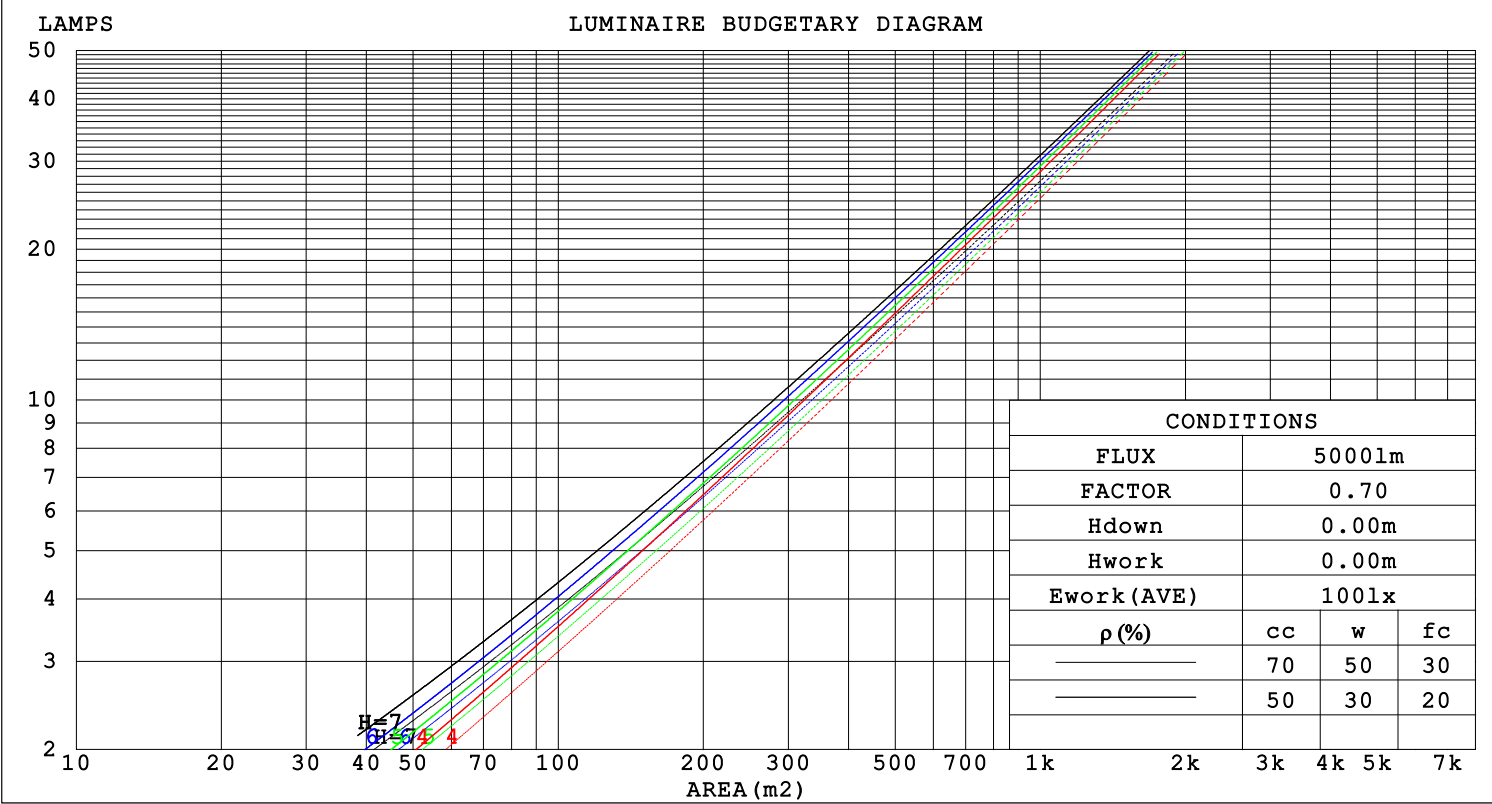
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 8								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-65 CUTOUT-60 H-62				MSERIAL 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	1.08	1.06	1.04	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.95	.93	.90	.92	.90	.89	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.84	.79	.74	.84	.78	.74	.82	.77	.73	.80	.76	.73	.79	.75	.72	.71
6.0	.79	.74	.69	.79	.73	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.66
7.0	.75	.69	.65	.74	.69	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.62
8.0	.71	.65	.61	.70	.64	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
9.0	.67	.61	.57	.66	.61	.57	.65	.60	.57	.65	.60	.57	.64	.59	.56	.55
10.0	.63	.58	.54	.63	.57	.54	.62	.57	.54	.61	.57	.53	.61	.56	.53	.52



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-65 CUTOUT-60 H-62				MSERIAL 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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.180	.103	.032	.174	.099	.031	.161	.092	.030	.149	.086	.028	.139	.080	.026	
2.0	.171	.094	.029	.165	.091	.028	.155	.086	.027	.145	.081	.025	.136	.077	.024	
3.0	.162	.086	.026	.157	.084	.025	.148	.080	.024	.140	.077	.024	.132	.073	.023	
4.0	.154	.080	.024	.150	.078	.023	.142	.075	.022	.135	.072	.022	.128	.070	.021	
5.0	.147	.075	.022	.143	.073	.021	.136	.071	.021	.130	.068	.020	.124	.066	.020	
6.0	.140	.070	.020	.137	.069	.020	.131	.067	.019	.125	.065	.019	.120	.063	.019	
7.0	.133	.066	.019	.131	.065	.019	.125	.063	.018	.120	.062	.018	.116	.060	.018	
8.0	.128	.062	.018	.125	.062	.017	.120	.060	.017	.116	.059	.017	.112	.057	.017	
9.0	.122	.059	.017	.120	.059	.016	.116	.057	.016	.112	.056	.016	.108	.055	.016	
10.0	.117	.056	.016	.115	.056	.016	.112	.055	.015	.108	.054	.015	.105	.053	.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	.124	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.085	.068	.054	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.072	.114	.085	.063	.079	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.125	.087	.060	.107	.075	.052	.074	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.117	.078	.050	.101	.068	.043	.070	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.111	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.015	.012	.008	.005	
8.0	.105	.064	.036	.090	.056	.031	.063	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.100	.059	.031	.086	.051	.027	.060	.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:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	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	3.8	4.7	4.0	4.9	5.0	3.8	4.7	4.0	4.9	5.1
3H	3.7	4.6	4.0	4.8	5.0	3.7	4.5	3.9	4.7	5.0
4H	3.8	4.6	4.1	4.9	5.1	3.6	4.5	3.9	4.7	4.9
6H	4.0	4.8	4.3	5.1	5.3	3.6	4.4	3.9	4.6	4.9
8H	4.2	5.0	4.5	5.2	5.5	3.6	4.3	3.9	4.6	4.8
12H	4.5	5.2	4.9	5.5	5.8	3.6	4.3	3.9	4.6	4.9
4H 2H	3.6	4.4	3.9	4.6	4.8	3.6	4.4	3.9	4.6	4.9
3H	3.6	4.3	3.9	4.5	4.8	3.6	4.3	3.9	4.6	4.8
4H	3.7	4.3	4.0	4.6	4.9	3.6	4.3	4.0	4.6	4.9
6H	4.0	4.5	4.3	4.9	5.2	3.7	4.3	4.1	4.6	4.9
8H	4.3	4.8	4.6	5.1	5.5	3.7	4.3	4.1	4.6	5.0
12H	4.7	5.2	5.1	5.6	6.0	3.8	4.3	4.2	4.7	5.1
8H 4H	3.6	4.1	4.0	4.5	4.8	3.6	4.1	4.0	4.5	4.8
6H	3.9	4.4	4.4	4.8	5.2	3.9	4.3	4.3	4.7	5.1
8H	4.3	4.7	4.7	5.1	5.5	4.1	4.5	4.5	4.9	5.3
12H	4.9	5.2	5.4	5.7	6.2	4.4	4.7	4.8	5.1	5.6
12H 4H	3.6	4.1	4.0	4.5	4.8	3.5	4.0	3.9	4.4	4.8
6H	4.0	4.3	4.4	4.8	5.2	3.9	4.3	4.3	4.7	5.1
8H	4.3	4.6	4.8	5.1	5.6	4.2	4.5	4.7	5.0	5.4

Variations with the observer position at spacings:		
S = 1.0H	+ 2.5 / - 2.6	+ 1.7 / - 2.7
1.5H	+ 4.4 / - 3.0	+ 3.4 / - 3.0
2.0H	+ 4.7 / - 1.8	+ 2.1 / - 1.8

CIE Pub.117 Corrected 659.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	77	86	80	77	86	80	76	73
0.80	94	88	85	94	88	85	93	88	84	80
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	97	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

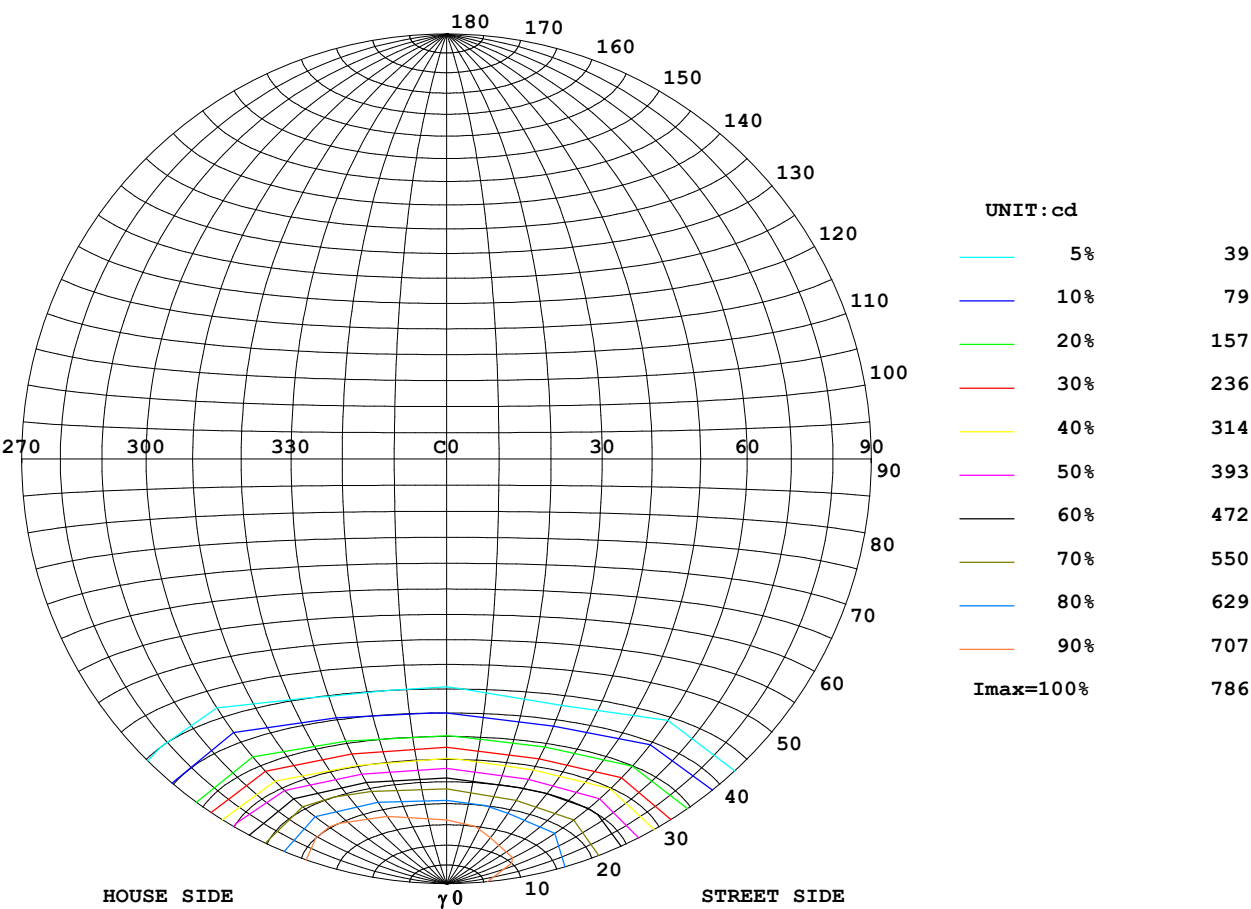
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

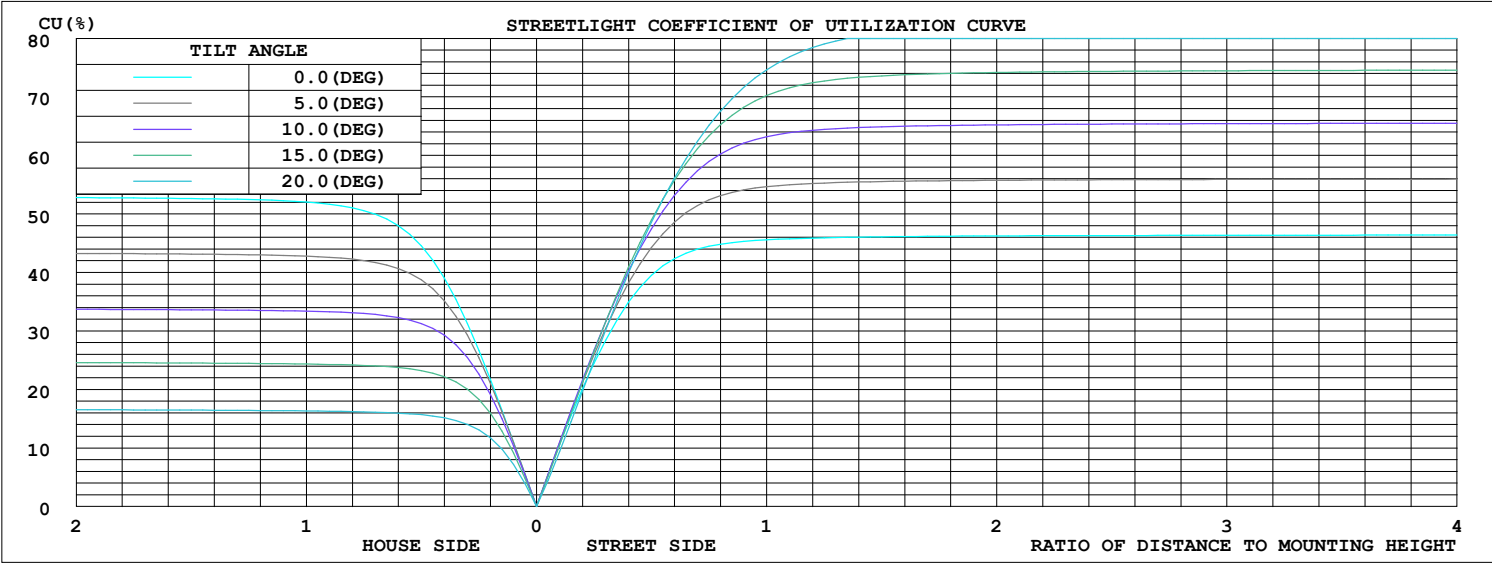
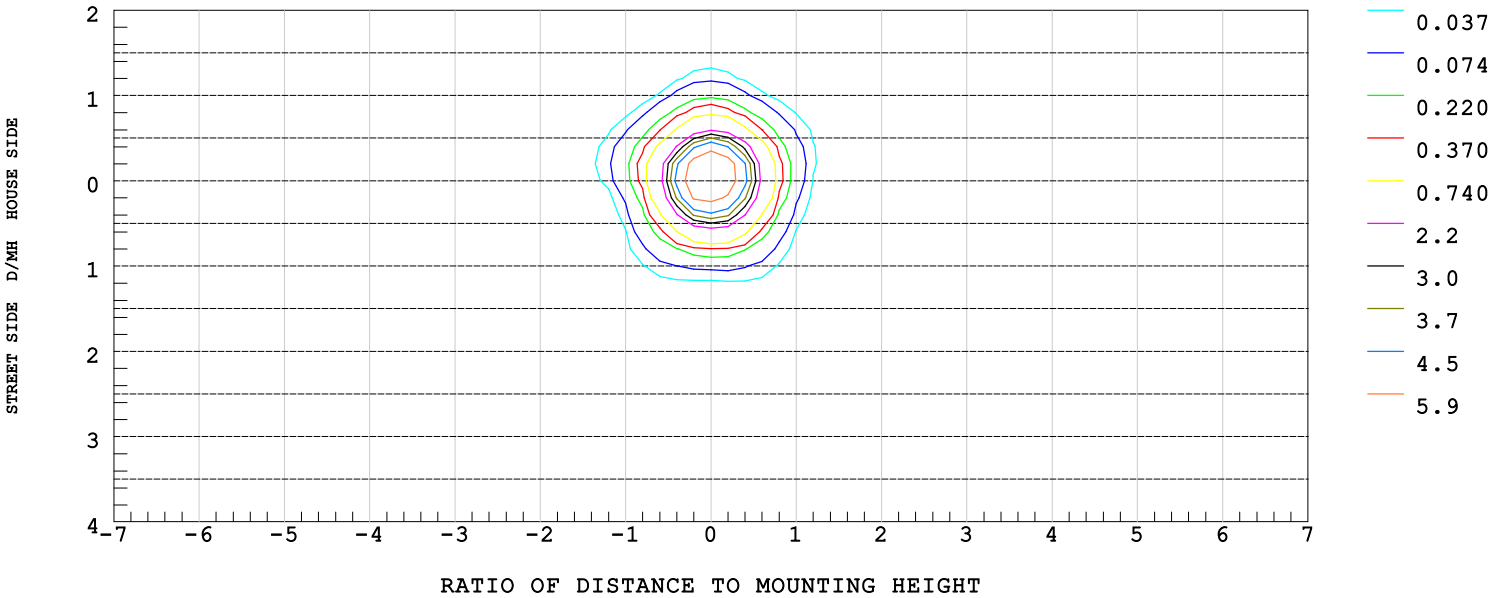
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 7.37 lx



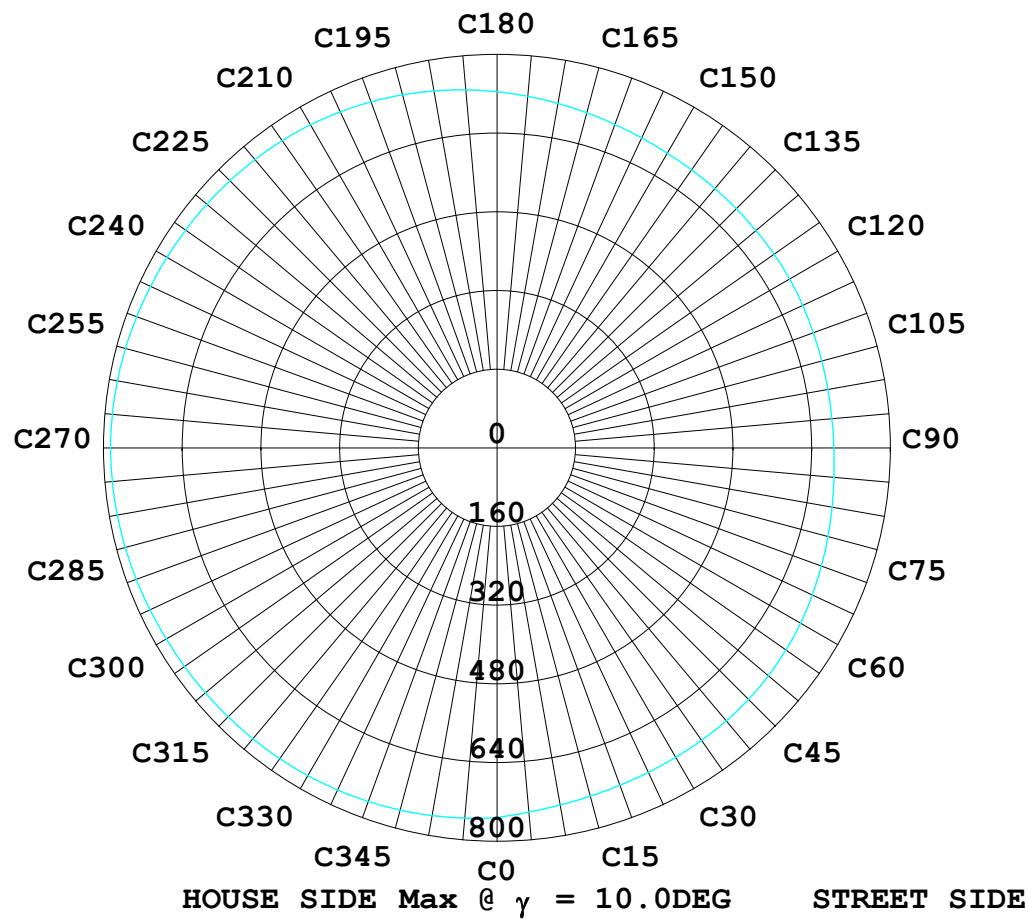
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: LUKE 8	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	737	735	735	733	737	736	737	735	735	733	737	736
5.0	750	733	723	710	714	718	733	747	756	761	761	759
10.0	752	726	713	685	687	692	724	759	775	786	777	769
15.0	724	695	680	646	650	651	695	747	762	776	756	748
20.0	649	614	606	574	587	584	636	692	698	713	683	680
25.0	503	470	476	454	482	471	521	572	558	571	527	538
30.0	319	285	309	291	332	307	340	383	395	369	320	345
35.0	159	134	154	144	176	154	176	201	177	193	164	182
40.0	78.0	57.6	68.4	57.0	76.2	61.2	74.0	93.5	80.6	97.2	81.7	92.7
45.0	40.9	26.7	34.7	24.9	35.7	25.9	31.4	44.4	36.3	49.0	37.4	47.5
50.0	19.1	10.6	18.1	10.9	18.9	11.0	13.7	21.8	13.7	22.1	13.0	21.7
55.0	11.9	5.68	11.5	5.86	12.0	5.86	7.22	12.6	5.95	12.0	5.68	11.9
60.0	8.75	3.88	8.75	4.15	9.47	3.97	5.23	9.20	3.79	8.66	3.42	8.48
65.0	5.59	1.35	5.23	1.26	4.96	1.08	2.52	5.59	1.26	5.41	1.08	5.23
70.0	4.42	0.90	3.97	0.54	3.97	0.63	1.98	4.24	0.63	4.06	0.54	3.97
75.0	3.97	0.90	3.51	0.72	3.51	0.63	2.07	3.61	0.63	3.51	0.63	3.51
80.0	3.61	0.99	3.15	0.90	3.15	0.72	2.16	3.24	0.72	3.15	0.63	3.06
85.0	3.24	1.08	2.88	0.90	2.88	0.81	2.25	2.88	0.72	2.79	0.63	2.70
90.0	3.06	1.44	2.61	1.17	2.61	1.08	3.06	2.61	0.99	2.43	0.99	2.34

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K