

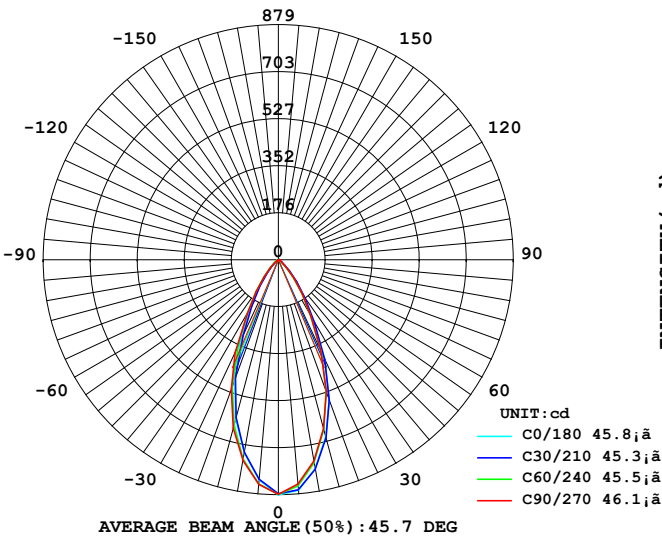
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

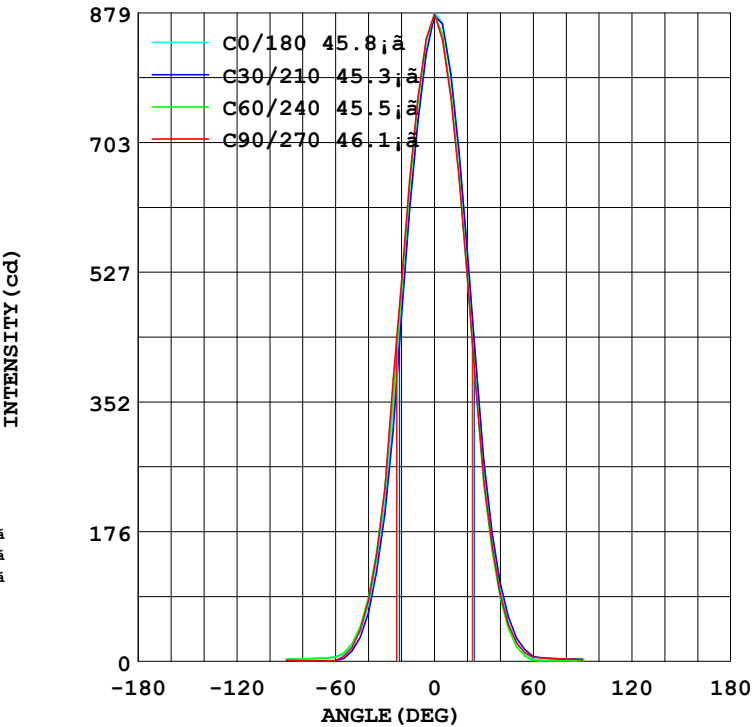
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

DATA OF LAMP		Imax (cd)	878.9	S/MH (C0/180)	0.68
MODEL	LUKE 5	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER (W)	5	TOTAL FLUX (lm)	581.27	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	101.6	Current (A)	0.026
NOMINAL FLUX (lm)	581.3	η up (%)	0.0	Power (W)	5.720
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.976
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	525.3	EEI	0.125

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: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

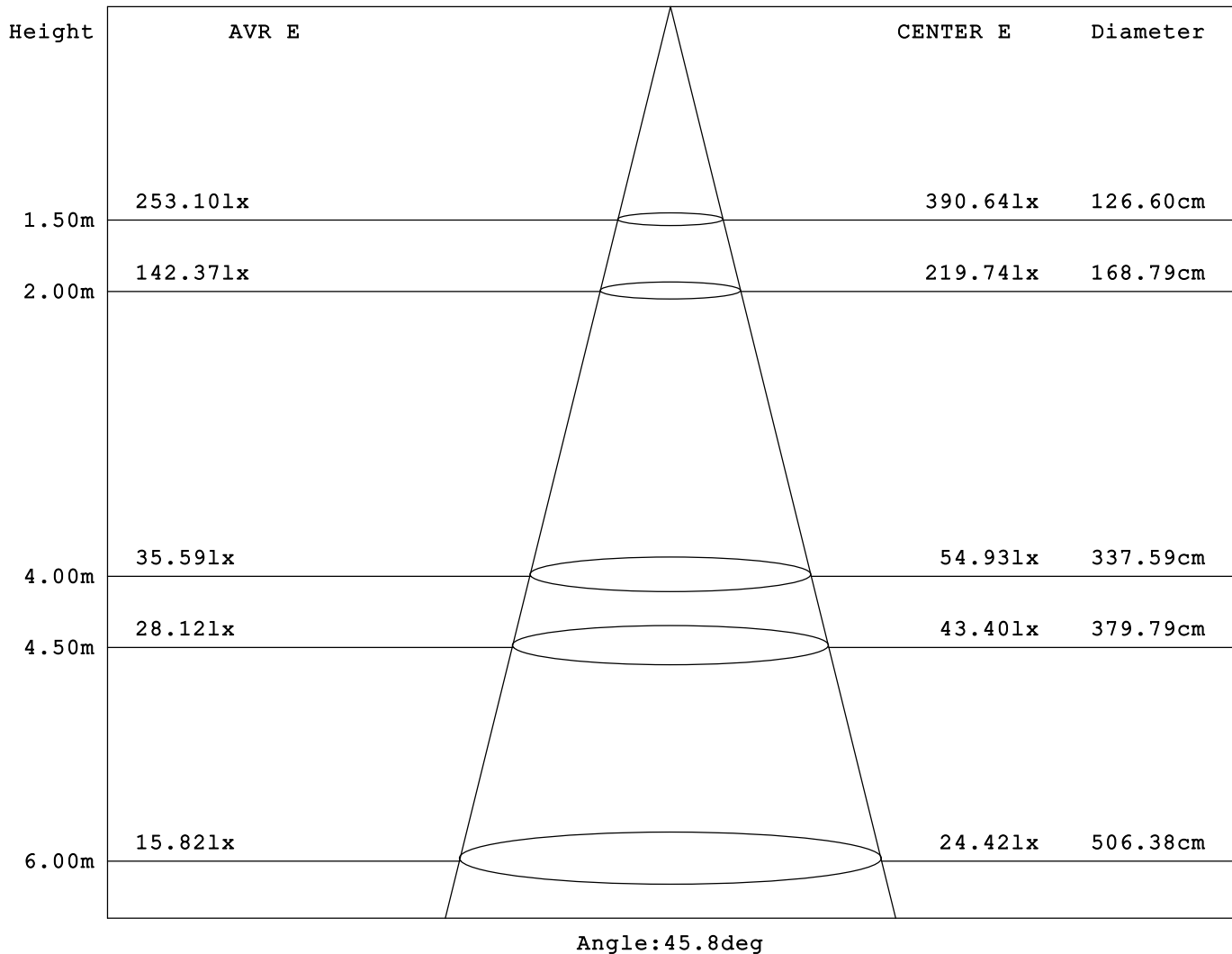
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	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: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	732.9	744.4	762.8	789.3	794.0	783.9	764.8	746.1	0- 10	78.14	78.14
20.0	481.5	487.7	514.6	550.7	556.7	541.0	524.7	491.8	10- 20	180.6	258.7
30.0	216.1	217.6	234.1	258.8	264.1	255.6	245.4	214.6	20- 30	170.2	428.9
40.0	76.98	76.84	83.02	97.74	98.82	96.74	91.69	74.50	30- 40	96.34	525.3
50.0	21.02	18.90	18.23	24.68	24.36	25.04	24.81	18.00	40- 50	38.19	563.5
60.0	6.137	3.610	1.083	3.925	2.888	3.971	5.956	3.203	50- 60	9.946	573.4
70.0	4.422	2.481	0.722	2.436	2.166	2.481	3.971	2.301	60- 70	2.991	576.4
80.0	3.610	2.166	0.812	1.985	2.436	2.075	3.158	1.940	70- 80	2.481	578.9
90.0	3.158	2.120	1.353	1.940	3.429	1.895	2.436	1.669	80- 90	2.322	581.2
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

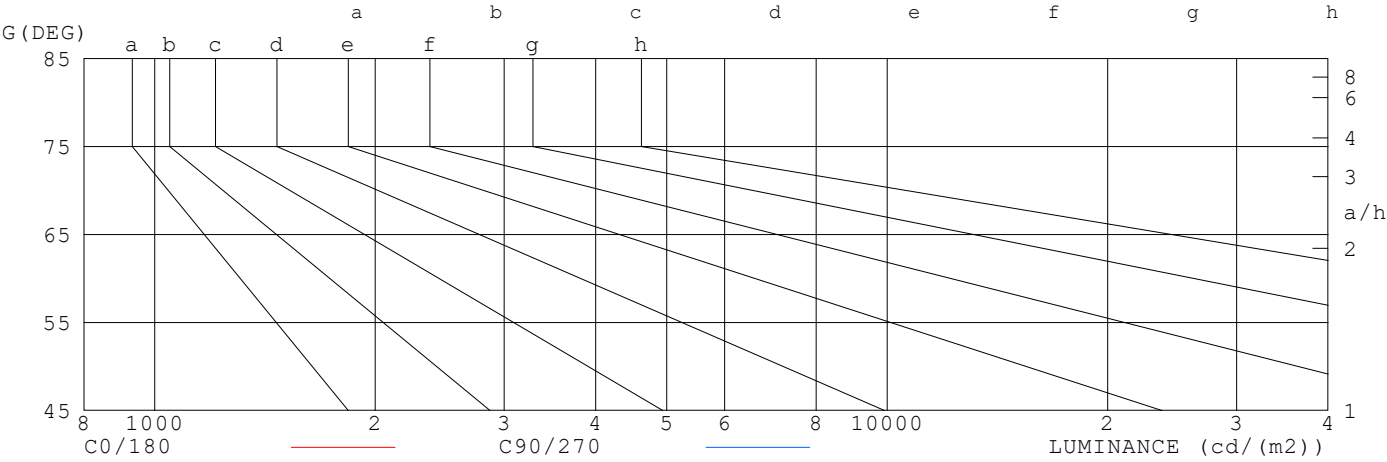
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	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	393	104
80	208	47
75	153	28
70	129	21
65	120	15
60	123	22
55	162	124
50	327	284
45	576	601

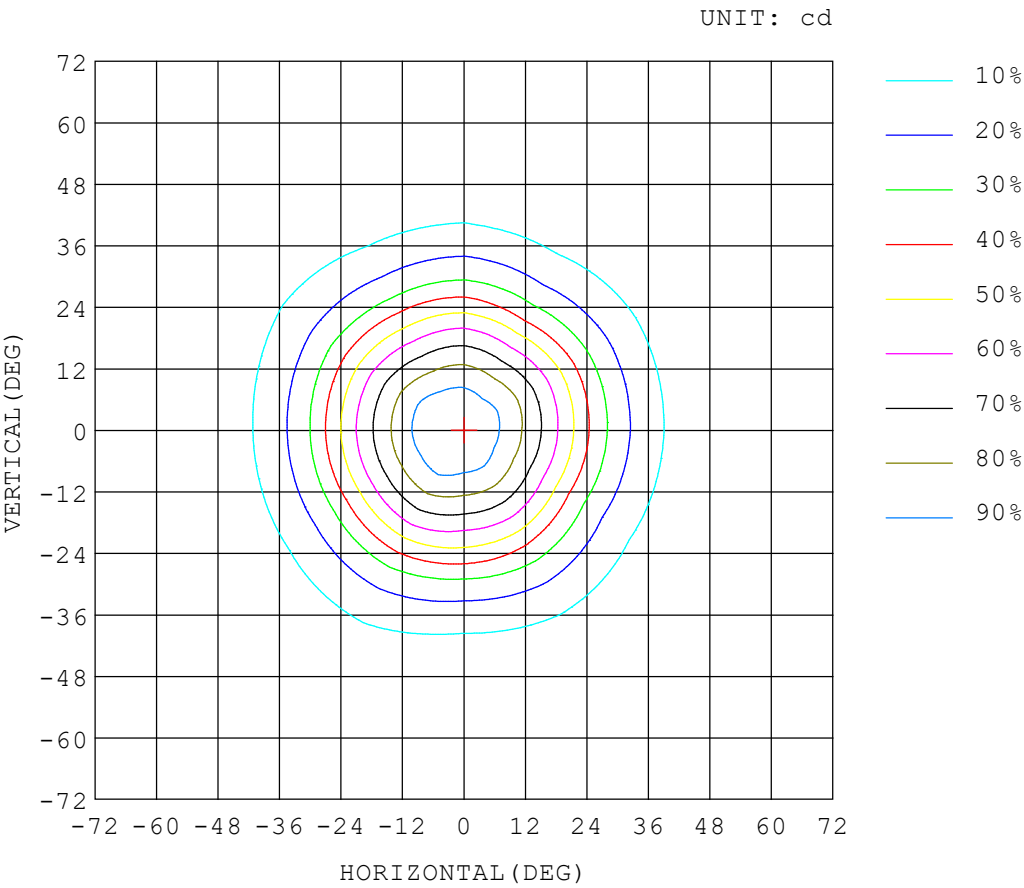
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:



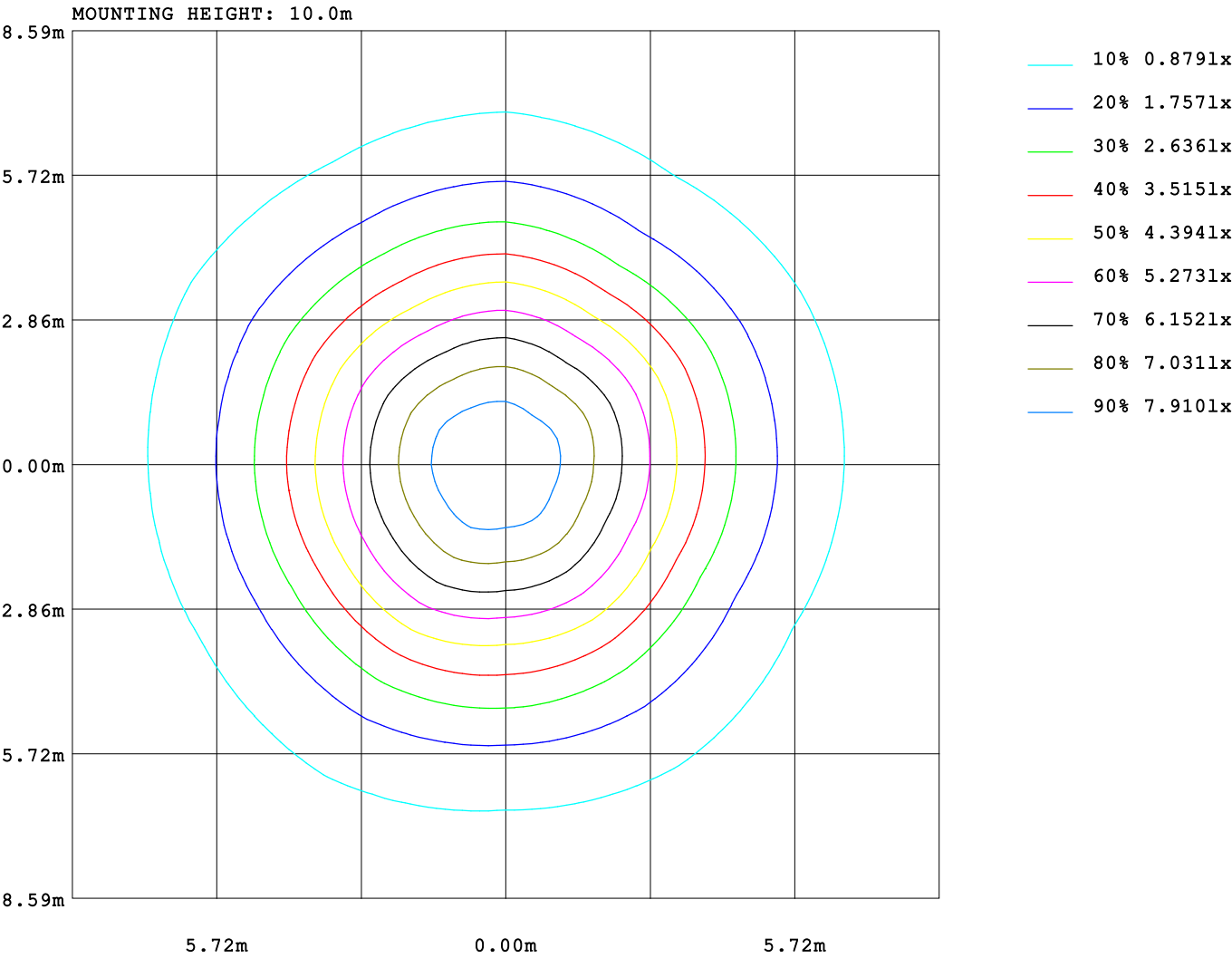
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	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: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: LUKE 5										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: OUTER-55 CUTOUT-50 H-52					MSERIAL No.:				

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.04	0.03	0.02	0.02	0.03	0.05	0.07	0.07	0.05	0.03	0.01	0.02	0.03	0.03	0.03	0.02	0.63	0.00		
64	0.02	0.04	0.04	0.04	0.03	0.02	0.04	0.08	0.12	0.12	0.07	0.04	0.02	0.03	0.04	0.04	0.03	0.02	0.85	0.00		
56	0.02	0.04	0.05	0.06	0.07	0.11	0.18	0.29	0.37	0.35	0.24	0.12	0.05	0.05	0.05	0.05	0.04	0.03	2.17	0.00		
48	0.02	0.04	0.06	0.12	0.23	0.38	0.60	0.91	1.11	1.06	0.79	0.47	0.27	0.14	0.08	0.06	0.04	0.03	6.40	0.00		
40	0.02	0.04	0.09	0.25	0.53	0.99	1.58	2.25	2.74	2.65	2.00	1.26	0.73	0.37	0.16	0.07	0.05	0.03	15.8	10.0		
32	0.02	0.04	0.13	0.42	1.03	2.00	3.25	4.62	5.66	5.44	4.11	2.72	1.57	0.75	0.30	0.10	0.05	0.03	32.2	28.8		
24	0.02	0.04	0.19	0.62	1.63	3.34	5.75	8.24	9.85	9.55	7.40	4.87	2.70	1.23	0.45	0.14	0.05	0.03	56.1	53.5		
VERTICAL (DEG)	0.02	0.05	0.23	0.80	2.13	4.65	8.42	11.7	13.6	13.3	10.8	7.30	3.82	1.68	0.60	0.18	0.06	0.03	79.6	77.3		
	0.02	0.05	0.24	0.90	2.43	5.47	9.90	13.9	16.2	15.7	12.8	8.63	4.49	1.95	0.69	0.20	0.06	0.03	93.8	91.6		
	0.02	0.04	0.23	0.87	2.38	5.39	9.81	13.8	16.2	15.7	12.6	8.44	4.38	1.90	0.67	0.19	0.06	0.03	92.9	90.7		
	0.01	0.03	0.19	0.73	1.99	4.41	8.19	11.9	13.9	13.4	10.8	6.84	3.53	1.55	0.55	0.15	0.05	0.03	78.4	76.1		
-24	0.01	0.02	0.14	0.52	1.43	3.10	5.75	8.64	10.0	9.66	7.74	4.82	2.46	1.06	0.37	0.10	0.04	0.03	55.9	53.3		
	0.01	0.02	0.08	0.30	0.89	1.95	3.44	4.95	5.73	5.53	4.48	2.95	1.54	0.63	0.21	0.06	0.03	0.02	32.8	29.8		
-32	0.01	0.01	0.03	0.16	0.46	1.04	1.81	2.41	2.66	2.57	2.18	1.53	0.82	0.34	0.09	0.03	0.02	0.02	16.2	11.4		
-40	0.01	0.01	0.01	0.06	0.22	0.47	0.78	0.99	1.05	1.01	0.88	0.65	0.37	0.15	0.04	0.02	0.02	0.02	6.76	0.00		
-48	0.01	0.01	0.01	0.03	0.08	0.19	0.28	0.31	0.31	0.29	0.28	0.23	0.15	0.07	0.03	0.01	0.01	0.02	2.34	0.00		
-56	0.01	0.01	0.01	0.03	0.05	0.09	0.09	0.08	0.06	0.06	0.07	0.08	0.08	0.05	0.03	0.02	0.01	0.01	0.85	0.00		
-64	0.01	0.01	0.02	0.03	0.05	0.07	0.06	0.04	0.02	0.02	0.04	0.06	0.06	0.05	0.03	0.02	0.01	0.01	0.62	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.30	0.52	1.79	5.97	15.6	33.7	60.0	85.4	99.8	96.6	77.6	51.1	27.1	12.0	4.43	1.46	0.68	0.45	581			
Φ a	0.00	0.00	0.00	0.36	11.1	30.1	56.6	82.2	96.7	93.4	74.3	47.6	23.3	6.71	0.00	0.00	0.00	0.00		525		

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

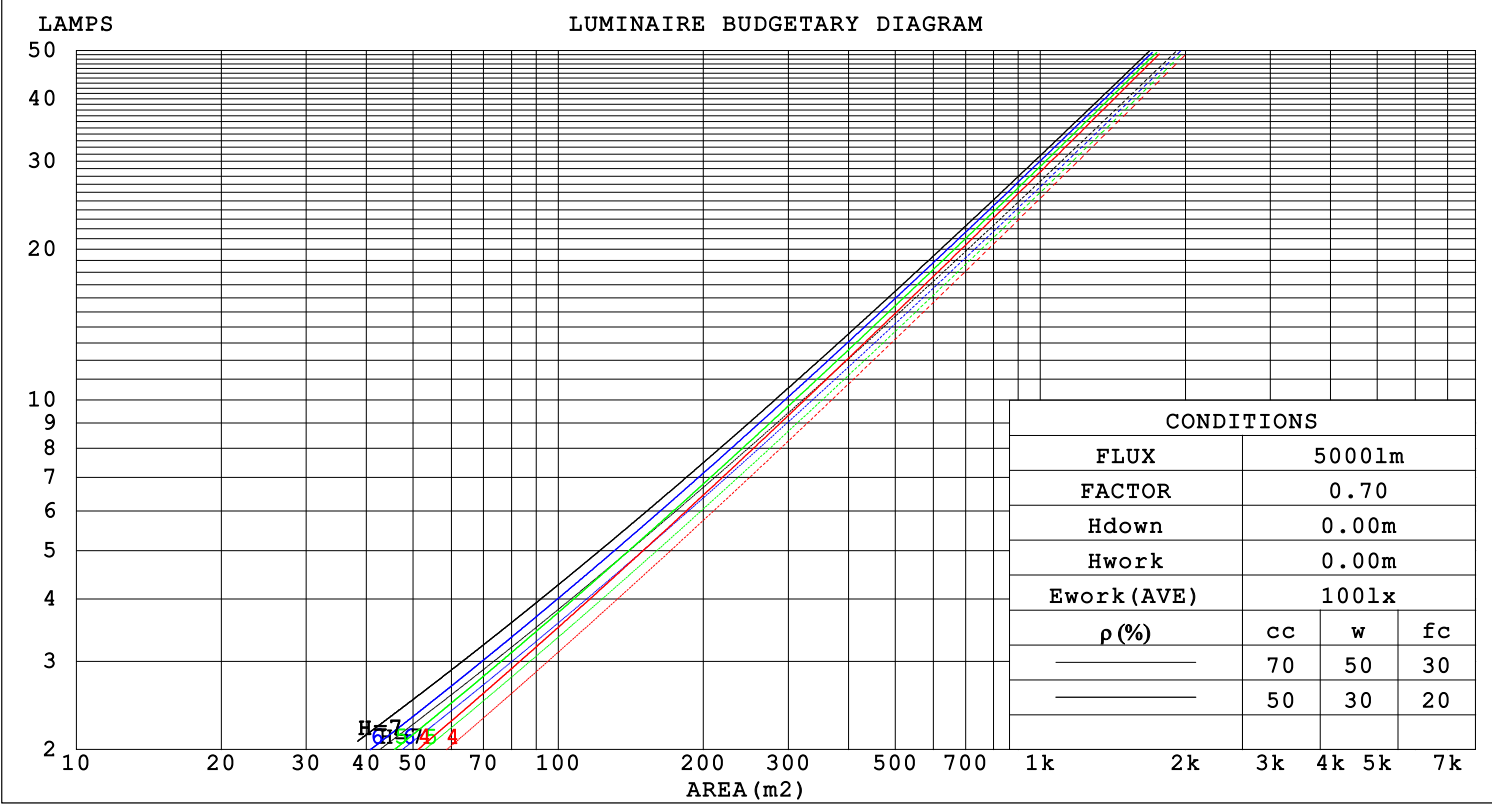
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 5								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-55 CUTOUT-50 H-52				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	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.96	.91	.88	.95	.90	.87	.92	.89	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.77	.74	.80	.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	.70	.66	.75	.69	.65	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.71	.66	.62	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.60	.57	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.57	.54	.53



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: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 5								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-55 CUTOUT-50 H-52				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
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.180	.102	.032	.173	.099	.031	.161	.092	.029	.149	.086	.028	.138	.080	.026	
2.0	.170	.093	.029	.165	.091	.028	.154	.086	.027	.144	.081	.025	.135	.076	.024	
3.0	.161	.086	.026	.156	.084	.025	.147	.080	.024	.139	.076	.023	.131	.073	.022	
4.0	.153	.079	.023	.149	.078	.023	.141	.075	.022	.134	.072	.022	.127	.069	.021	
5.0	.145	.074	.021	.142	.073	.021	.135	.070	.021	.128	.068	.020	.123	.065	.020	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.132	.065	.018	.129	.064	.018	.124	.063	.018	.119	.061	.018	.114	.059	.017	
8.0	.126	.062	.017	.123	.061	.017	.119	.059	.017	.114	.058	.017	.110	.057	.016	
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.110	.054	.015	.106	.053	.015	.103	.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	.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	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.079	.060	.044	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.074	.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	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.027	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.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: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	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	4.8	4.1	4.9	5.1	4.9	5.9	5.2	6.0	6.2
3H	3.8	4.7	4.1	4.9	5.1	4.8	5.7	5.1	5.9	6.1
4H	3.9	4.7	4.2	5.0	5.2	4.8	5.6	5.0	5.8	6.0
6H	4.2	4.9	4.5	5.2	5.4	4.7	5.5	5.0	5.7	6.0
8H	4.4	5.2	4.7	5.4	5.7	4.7	5.4	5.0	5.7	5.9
12H	4.8	5.5	5.1	5.8	6.0	4.7	5.4	5.0	5.7	5.9
4H 2H	3.6	4.5	3.9	4.7	4.9	4.7	5.5	5.0	5.7	6.0
3H	3.6	4.3	4.0	4.6	4.9	4.7	5.4	5.0	5.6	5.9
4H	3.8	4.4	4.1	4.7	5.0	4.7	5.3	5.0	5.6	5.9
6H	4.1	4.7	4.5	5.0	5.4	4.7	5.3	5.1	5.6	6.0
8H	4.5	5.0	4.9	5.4	5.7	4.8	5.3	5.1	5.6	6.0
12H	5.1	5.5	5.5	5.9	6.3	4.8	5.3	5.2	5.7	6.1
8H 4H	3.7	4.2	4.1	4.6	5.0	4.6	5.1	5.0	5.5	5.9
6H	4.1	4.5	4.5	4.9	5.3	4.9	5.3	5.3	5.7	6.1
8H	4.5	4.9	5.0	5.3	5.8	5.1	5.4	5.5	5.9	6.3
12H	5.3	5.6	5.8	6.1	6.5	5.3	5.6	5.8	6.1	6.6
12H 4H	3.7	4.2	4.1	4.6	5.0	4.6	5.1	5.0	5.4	5.8
6H	4.2	4.5	4.6	5.0	5.4	4.9	5.3	5.3	5.7	6.1
8H	4.6	4.9	5.1	5.4	5.8	5.2	5.5	5.6	5.9	6.4

Variations with the observer position at spacings:		
S = 1.0H	+ 2.3 / - 3.1	+ 2.1 / - 4.0
1.5H	+ 4.0 / - 3.8	+ 3.7 / - 4.0
2.0H	+ 4.7 / - 1.6	+ 4.5 / - 2.3

CIE Pub.117 Corrected 581.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.9)

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: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	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) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	96	92	88	83
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	90
2.00	108	104	100	106	103	99	104	101	98	93
2.50	110	106	103	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	106	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

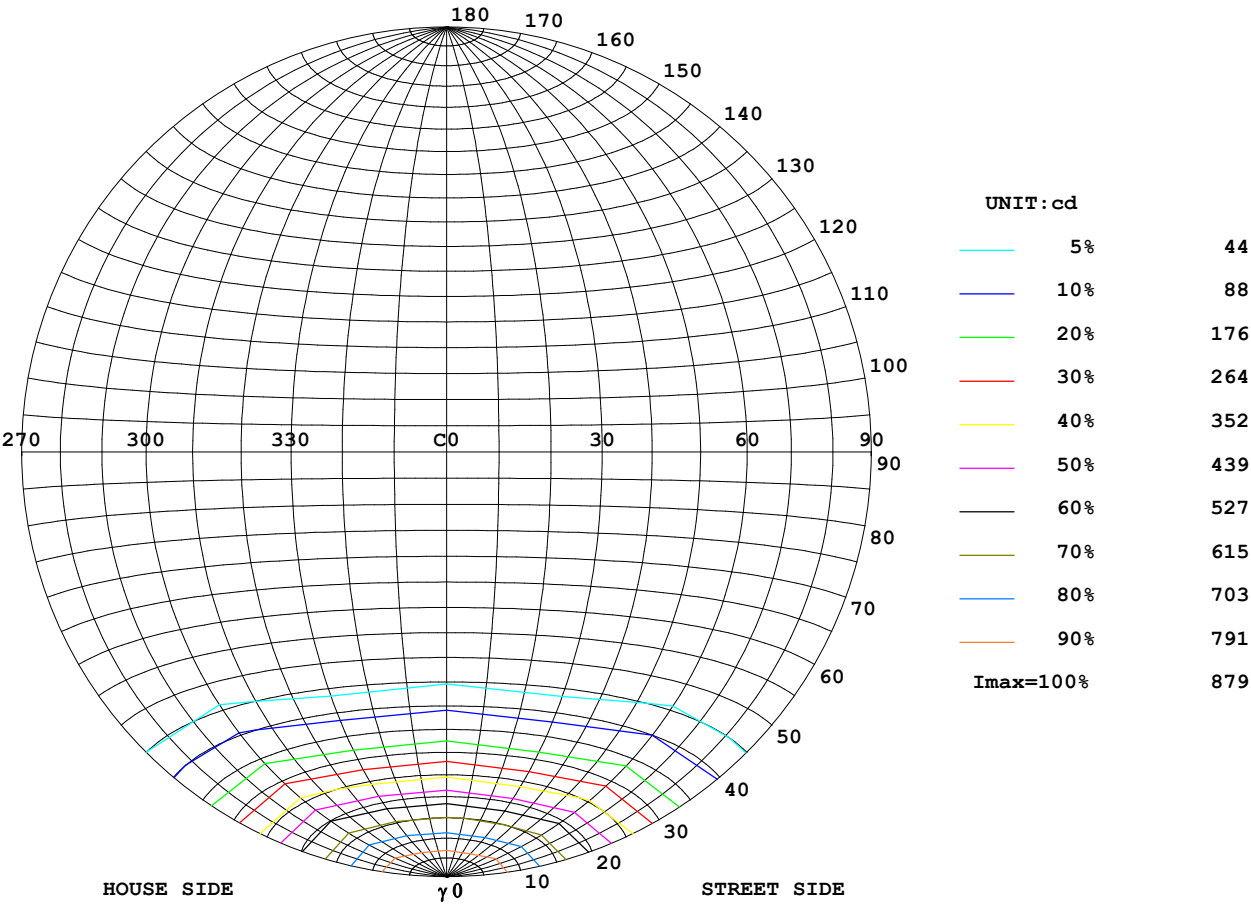
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:



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

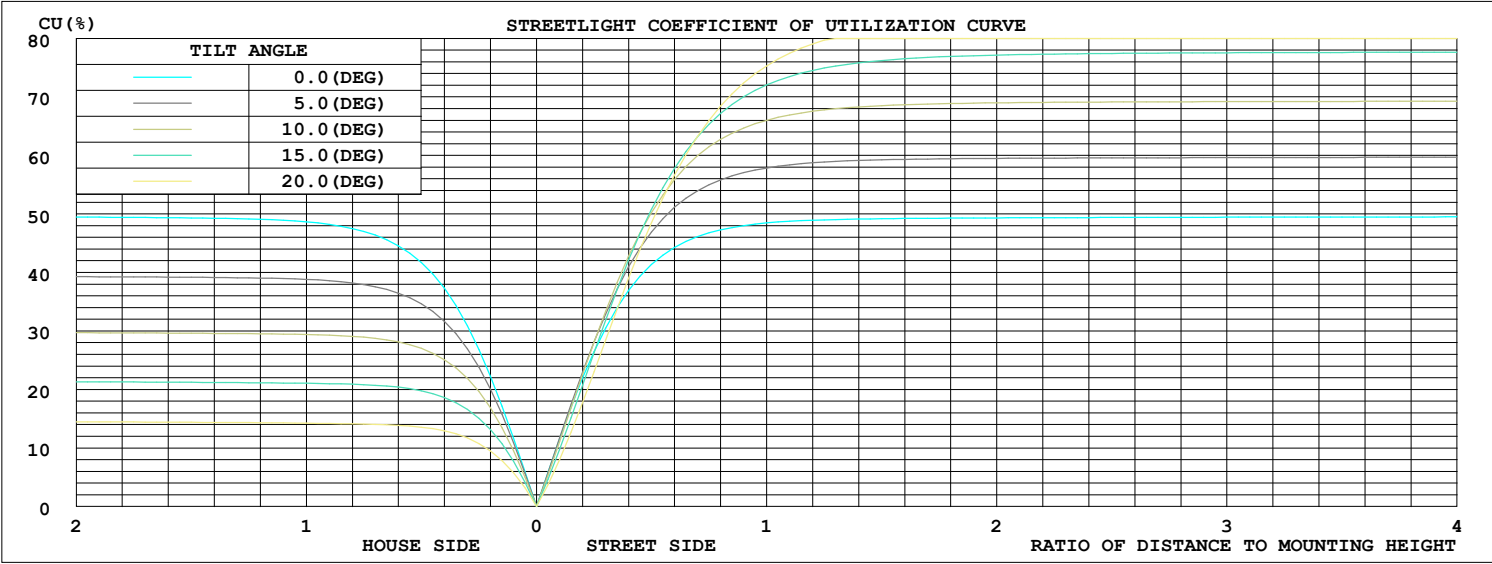
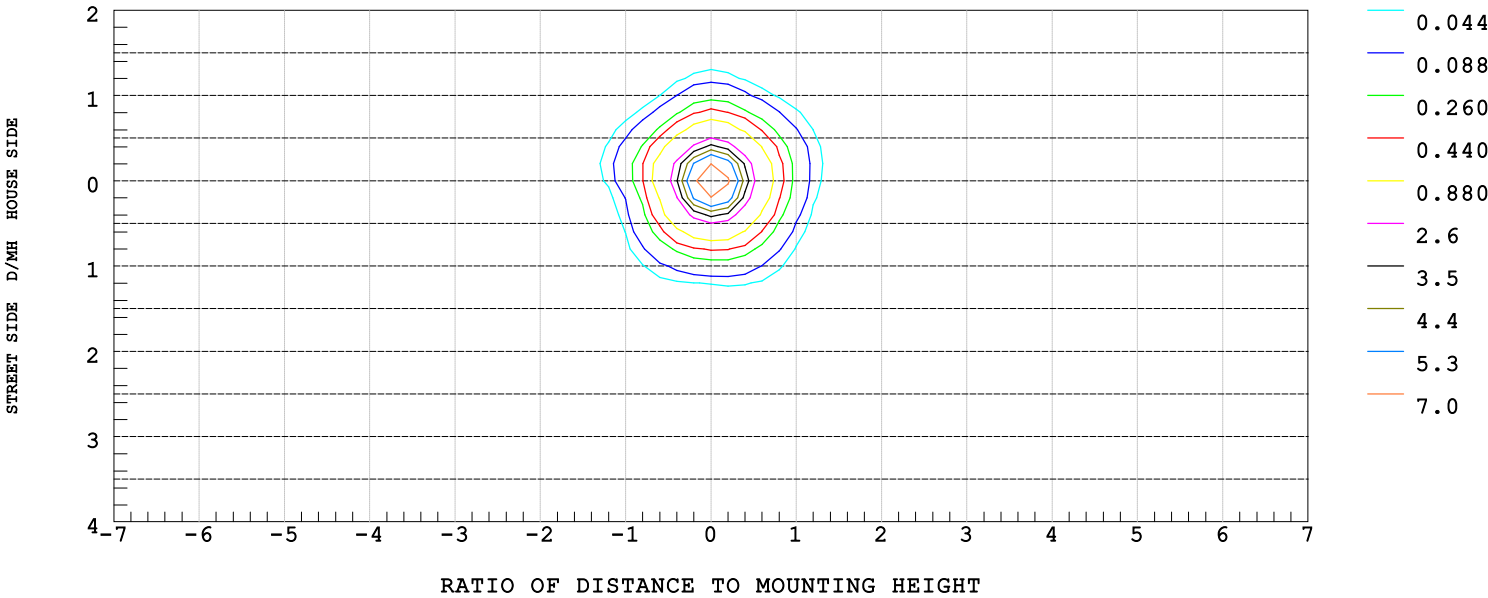
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 8.79 lx



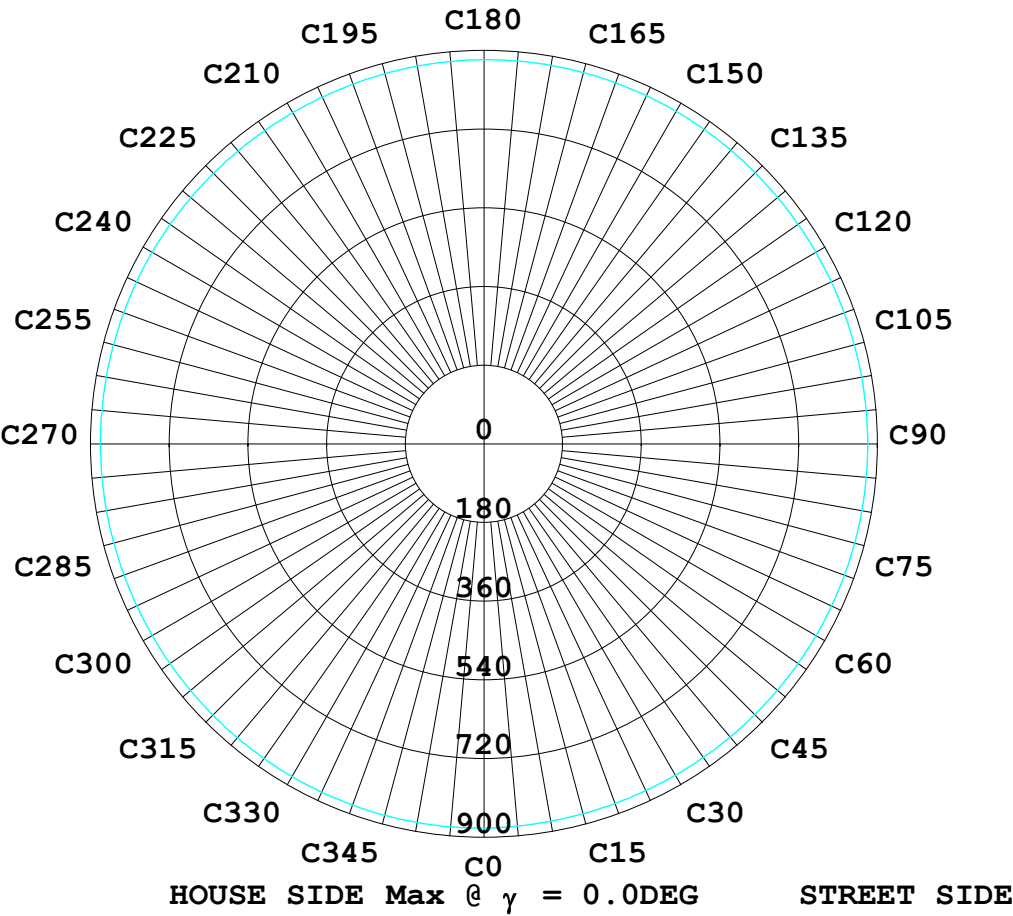
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	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: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 5	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	879	875	877	878	877	879	879	875	877	878	877	879
5.0	826	824	841	844	857	857	865	864	850	842	826	833
10.0	733	731	758	763	792	787	794	797	771	765	742	750
15.0	618	611	641	652	687	681	686	689	657	654	623	633
20.0	482	469	507	515	556	545	557	559	523	525	486	498
25.0	335	314	359	383	405	393	411	412	381	377	329	349
30.0	216	200	235	234	266	252	264	272	239	245	207	222
35.0	135	121	149	145	169	156	166	175	150	157	127	140
40.0	76.9	66.4	87.2	83.0	103	92.1	98.8	107	86.7	91.6	68.9	80.0
45.0	40.7	32.7	47.5	42.5	57.4	47.9	52.6	59.9	43.9	49.0	32.6	41.6
50.0	21.0	13.9	23.8	18.2	28.7	20.5	24.3	30.8	19.2	24.8	14.3	21.6
55.0	9.29	4.15	12.0	7.12	15.1	8.66	10.9	16.2	7.76	12.0	3.06	9.20
60.0	6.13	1.17	6.04	1.08	6.49	1.35	2.88	6.76	1.17	5.95	0.81	5.59
65.0	5.05	0.90	4.69	0.63	4.87	0.63	2.16	5.14	0.63	4.69	0.45	4.51
70.0	4.42	0.90	4.06	0.72	4.24	0.63	2.16	4.33	0.63	3.97	0.63	3.97
75.0	3.97	0.99	3.51	0.72	3.70	0.72	2.25	3.79	0.63	3.51	0.63	3.33
80.0	3.61	1.08	3.24	0.81	3.24	0.72	2.43	3.42	0.72	3.15	0.72	3.15
85.0	3.42	1.17	3.06	0.90	2.97	0.81	2.52	3.06	0.81	2.79	0.72	2.79
90.0	3.15	1.53	2.70	1.35	2.70	1.17	3.42	2.61	1.17	2.43	0.99	2.34

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