

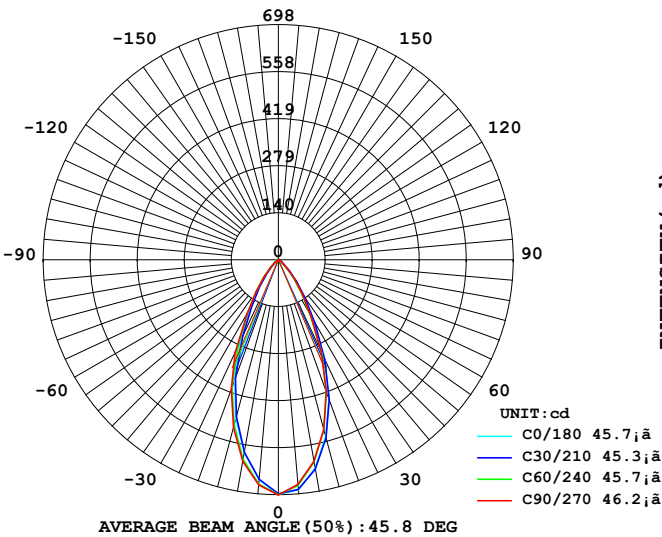
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

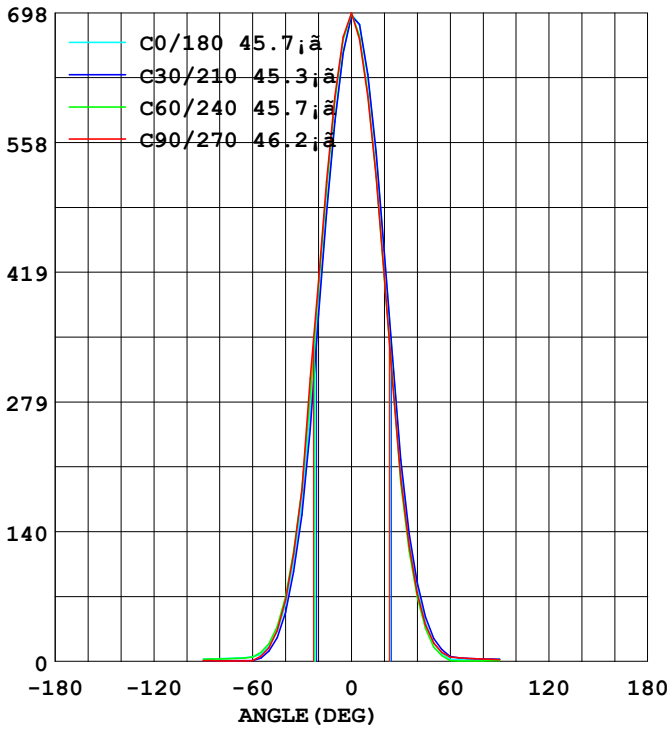
MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

DATA OF LAMP		Imax (cd)	699.2	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)	462.31	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	82.4	Current (A)	0.026
NOMINAL FLUX (lm)	462.3	η up (%)	0.0	Power (W)	5.610
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.975
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	417.5	EEI	0.146

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 8.500 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

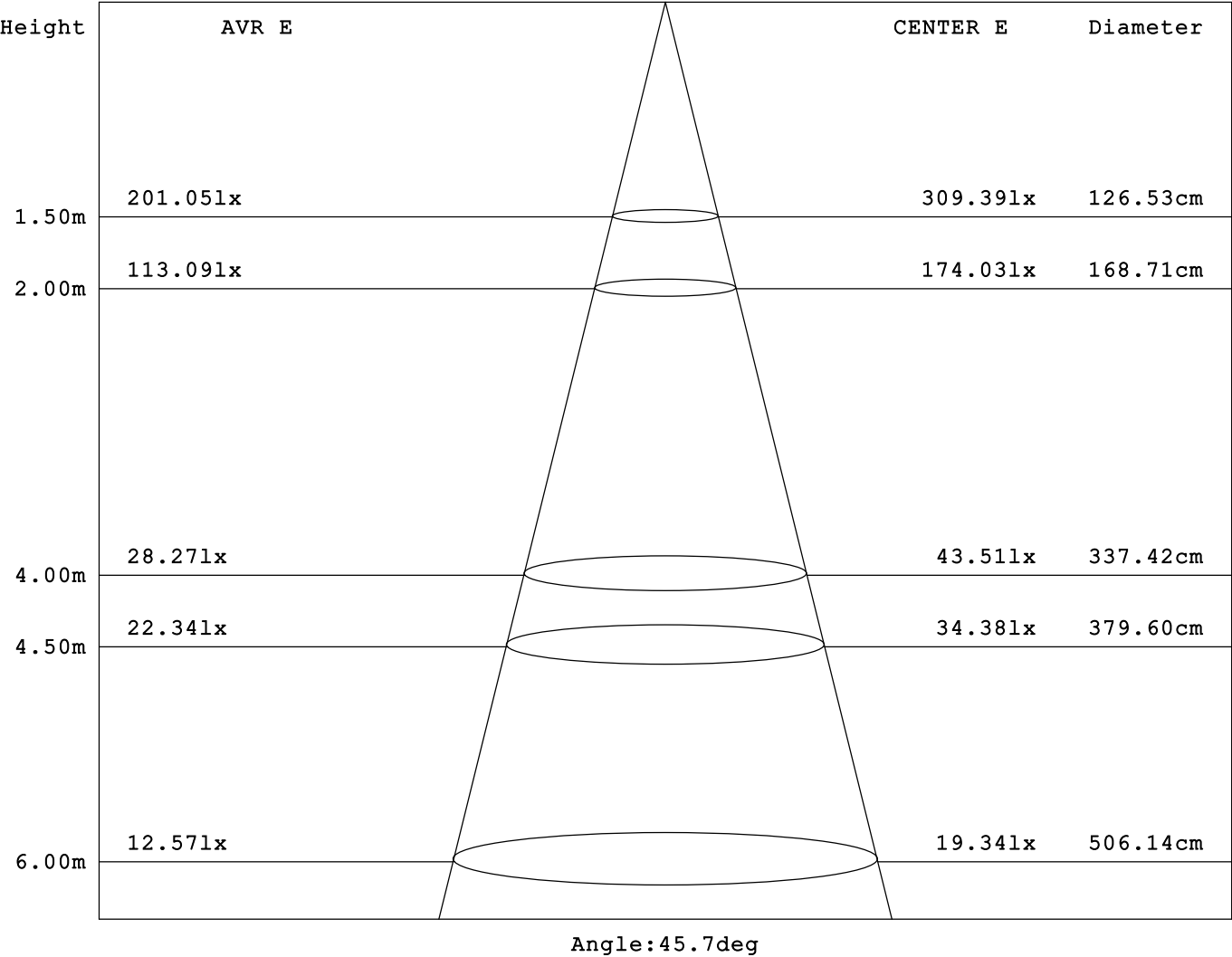
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K 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:8.500 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address:											
NAME: LUKE 5						TYPE: 3000K 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	581.5	591.5	607.7	628.6	628.7	621.4	607.6	593.2	0- 10	62.09	62.09
20.0	382.0	387.9	409.1	438.4	439.2	428.2	416.4	390.4	10- 20	143.4	205.5
30.0	170.0	171.1	184.4	204.1	209.9	204.0	196.8	172.2	20- 30	135.4	340.9
40.0	61.48	61.30	66.25	78.10	78.96	77.52	73.91	60.11	30- 40	76.57	417.5
50.0	16.83	15.13	14.52	19.86	19.29	19.94	19.65	14.34	40- 50	30.52	448.0
60.0	4.913	2.853	0.867	3.106	2.312	3.251	4.768	2.601	50- 60	7.993	456.0
70.0	3.540	2.023	0.506	1.950	1.661	1.986	3.251	1.770	60- 70	2.404	458.4
80.0	2.962	1.697	0.650	1.625	1.950	1.661	2.528	1.517	70- 80	1.992	460.4
90.0	2.528	1.734	1.011	1.553	2.745	1.517	2.023	1.336	80- 90	1.863	462.3
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:8.500 m
Remarks: 3000K

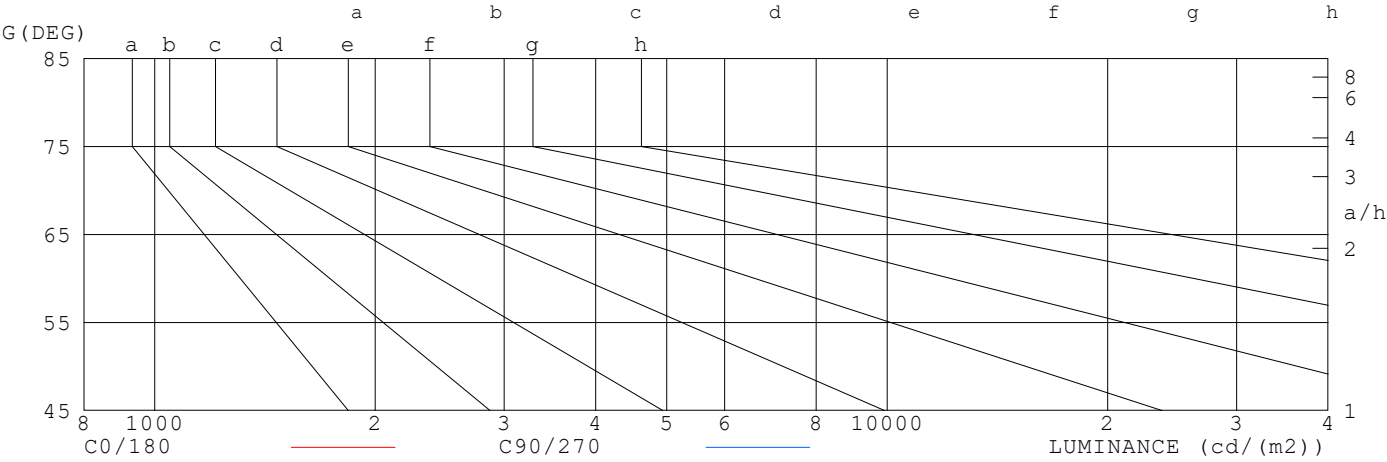
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	315	83
80	171	37
75	123	22
70	104	15
65	96	12
60	98	17
55	131	101
50	262	226
45	454	473

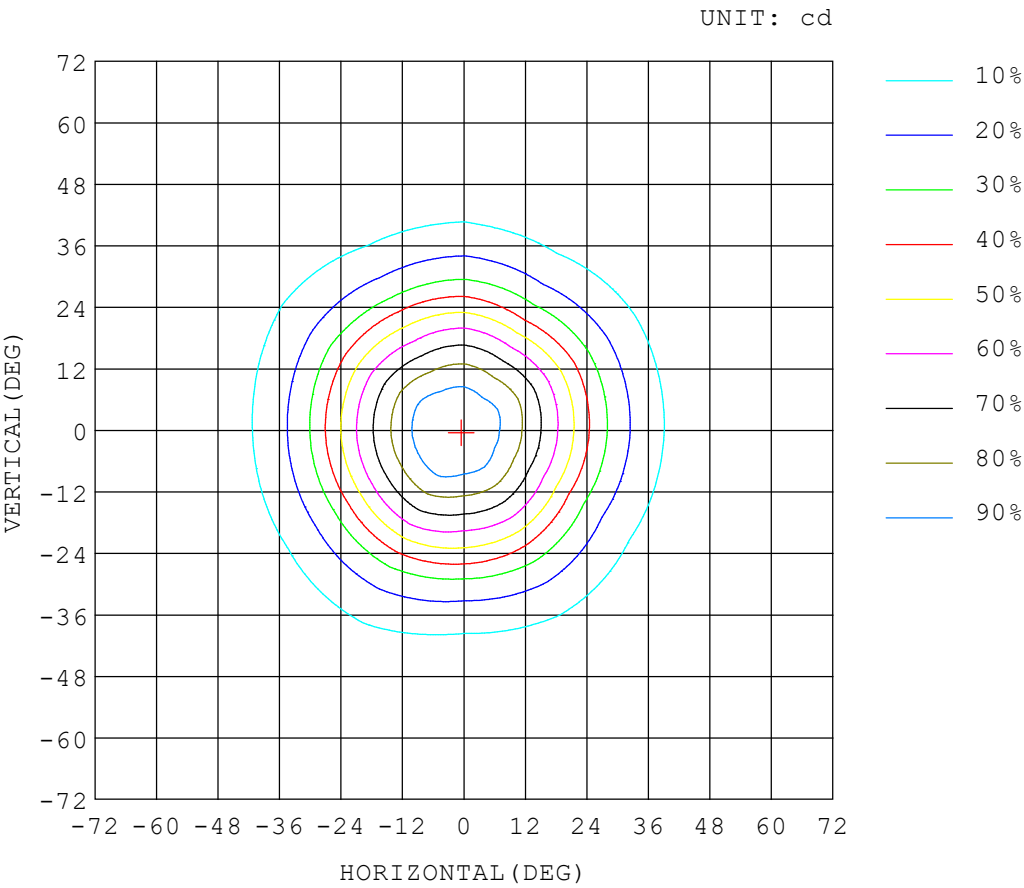
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:



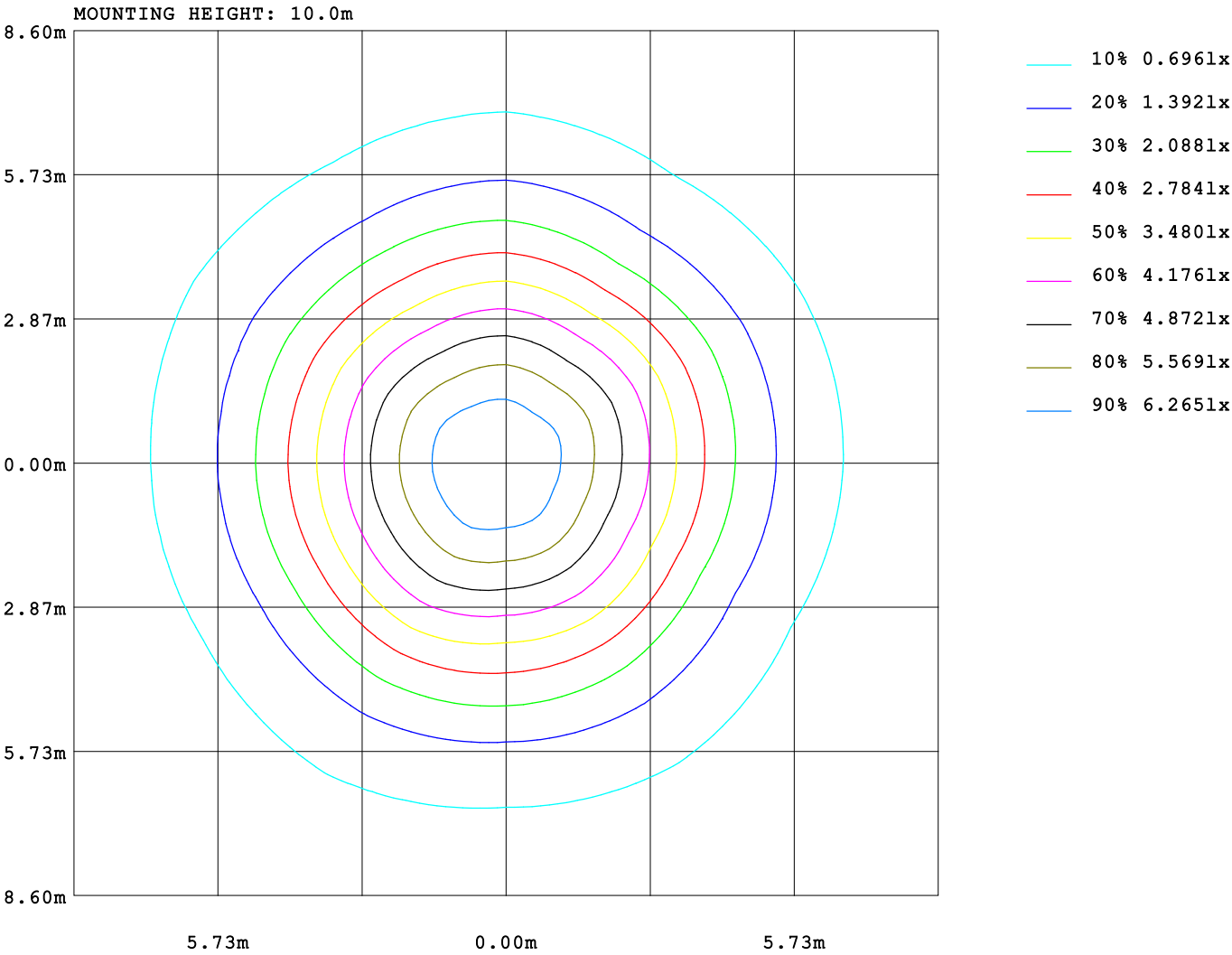
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K 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:8.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address:																				
NAME: LUKE 5									TYPE: 3000K CRI-90						WEIGHT:					
SPECIFICATION: OSRAM 250 MA									DIMENSION: OUTER-55 CUTOUT-50 H-52						SERIAL No.:					

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.03	0.03	0.02	0.01	0.02	0.04	0.06	0.06	0.04	0.02	0.01	0.02	0.02	0.03	0.02	0.02	0.51	0.00		
64	0.02	0.03	0.03	0.03	0.03	0.02	0.03	0.07	0.10	0.09	0.06	0.03	0.01	0.02	0.03	0.03	0.03	0.02	0.68	0.00		
56	0.02	0.03	0.04	0.05	0.06	0.09	0.15	0.23	0.30	0.28	0.20	0.10	0.05	0.04	0.04	0.04	0.03	0.02	1.74	0.00		
48	0.02	0.03	0.05	0.09	0.18	0.31	0.49	0.73	0.90	0.86	0.63	0.37	0.22	0.11	0.06	0.05	0.03	0.02	5.15	0.06		
40	0.02	0.03	0.07	0.20	0.42	0.80	1.26	1.80	2.19	2.11	1.59	1.01	0.59	0.30	0.13	0.06	0.04	0.02	12.6	8.17		
32	0.02	0.03	0.11	0.34	0.83	1.59	2.58	3.69	4.53	4.36	3.29	2.17	1.26	0.60	0.24	0.08	0.04	0.02	25.8	23.0		
24	0.02	0.03	0.15	0.49	1.30	2.65	4.59	6.58	7.84	7.60	5.90	3.90	2.16	0.99	0.36	0.11	0.04	0.03	44.7	42.6		
VERTICAL (DEG)	0.01	0.04	0.18	0.64	1.69	3.70	6.68	9.35	10.8	10.5	8.67	5.82	3.05	1.34	0.48	0.14	0.05	0.03	63.3	61.5		
	0.01	0.04	0.19	0.72	1.92	4.35	7.84	11.0	12.8	12.4	10.2	6.86	3.57	1.55	0.55	0.16	0.05	0.03	74.5	72.7		
	0.01	0.03	0.18	0.70	1.88	4.28	7.77	11.0	12.9	12.4	10.0	6.69	3.46	1.51	0.53	0.15	0.05	0.03	73.7	72.0		
	0.01	0.03	0.15	0.58	1.58	3.50	6.52	9.50	11.0	10.6	8.57	5.44	2.79	1.23	0.44	0.12	0.04	0.02	62.3	60.4		
-24	0.01	0.02	0.11	0.41	1.14	2.46	4.56	6.88	7.97	7.68	6.15	3.82	1.95	0.85	0.30	0.08	0.03	0.02	44.4	42.4		
	0.01	0.01	0.06	0.24	0.70	1.55	2.73	3.92	4.54	4.38	3.54	2.33	1.23	0.50	0.17	0.05	0.02	0.02	26.0	23.6		
-32	0.01	0.01	0.03	0.13	0.37	0.83	1.45	1.92	2.12	2.05	1.74	1.22	0.65	0.27	0.08	0.02	0.02	0.02	12.9	9.22		
-40	0.01	0.01	0.01	0.05	0.17	0.37	0.62	0.79	0.83	0.80	0.70	0.52	0.29	0.12	0.04	0.01	0.01	0.01	5.37	0.00		
-48	0.01	0.01	0.01	0.03	0.07	0.15	0.23	0.25	0.24	0.23	0.22	0.19	0.12	0.06	0.03	0.01	0.01	0.01	1.87	0.00		
-56	0.01	0.01	0.01	0.02	0.04	0.07	0.07	0.06	0.05	0.04	0.06	0.07	0.06	0.04	0.03	0.01	0.01	0.01	0.69	0.00		
-64	0.01	0.01	0.01	0.02	0.04	0.05	0.05	0.03	0.02	0.02	0.03	0.05	0.05	0.04	0.03	0.01	0.01	0.01	0.50	0.00		
-72	0.01	0.01	0.01	0.02	0.04	0.05	0.05	0.03	0.02	0.02	0.03	0.05	0.05	0.04	0.03	0.01	0.01	0.01	0.50	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.23	0.41	1.43	4.78	12.4	26.8	47.6	67.9	79.4	76.8	61.6	40.6	21.5	9.62	3.53	1.18	0.55	0.36	462			
Φ a	0.00	0.00	0.00	0.31	8.96	23.9	45.1	65.4	76.9	74.3	59.1	37.9	18.5	5.39	0.00	0.00	0.00	0.00		418		

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

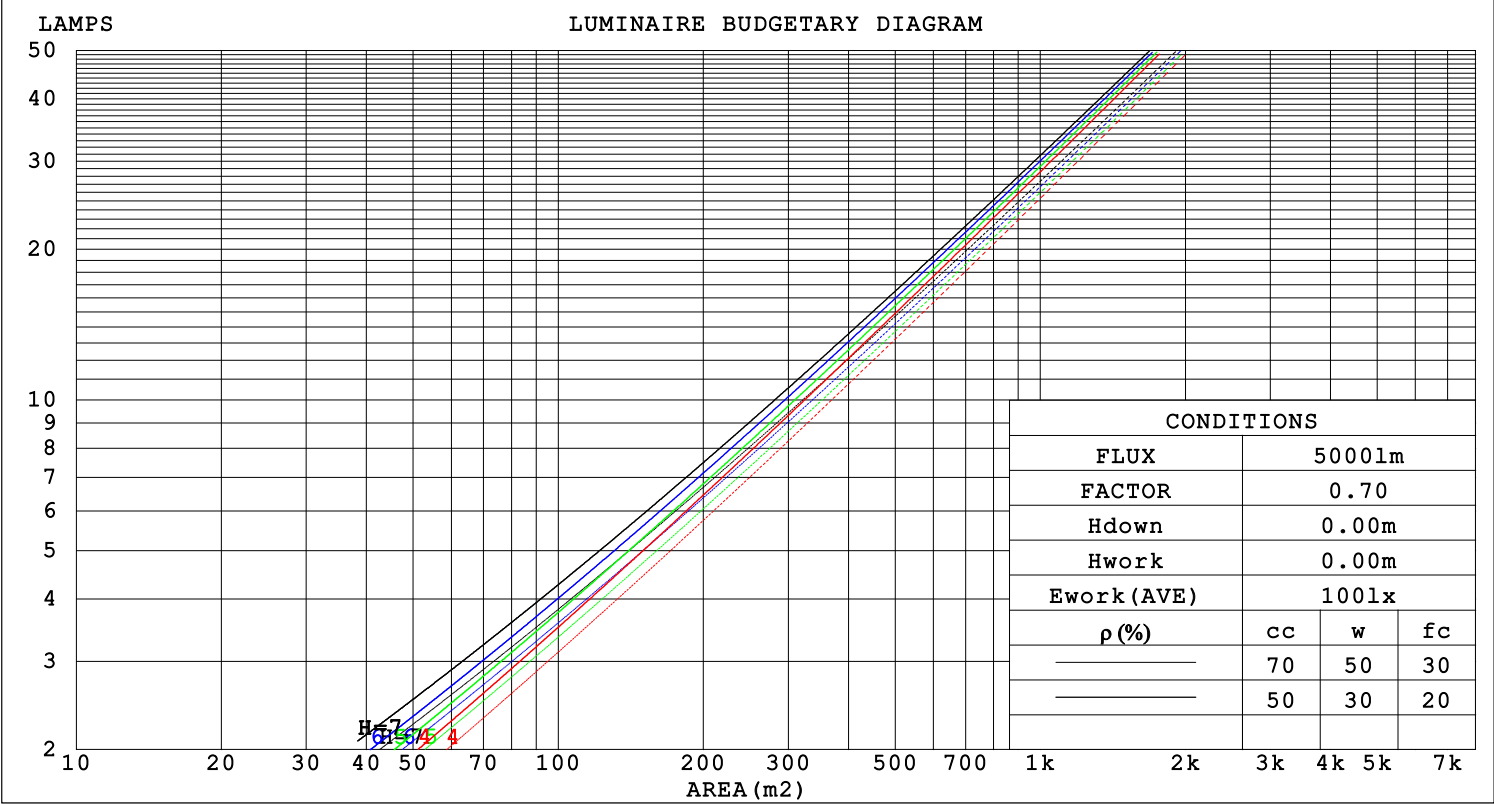
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address:															
NAME: LUKE 5								TYPE: 3000K 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
ffc	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	.65	.75	.69	.65	.73	.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:8.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address:															
NAME: LUKE 5								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-55 CUTOUT-50 H-52				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	.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	.077	.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	.129	.068	.020	.123	.066	.020	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.124	.064	.019	.118	.062	.019	
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	.121	.058	.016	.118	.058	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.114	.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	.095	.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:8.500 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address:											
NAME: LUKE 5					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: OUTER-55 CUTOUT-50 H-52			MSERIAL 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	4.0	3.3	4.1	4.3	4.1	5.1	4.4	5.2	5.4
	3H	3.0	3.9	3.3	4.1	4.3	4.0	4.9	4.3	5.1	5.3
	4H	3.1	3.9	3.4	4.2	4.4	4.0	4.8	4.2	5.0	5.2
	6H	3.4	4.2	3.7	4.4	4.7	3.9	4.7	4.2	4.9	5.2
	8H	3.6	4.4	4.0	4.6	4.9	3.9	4.6	4.2	4.9	5.1
	12H	4.0	4.7	4.3	5.0	5.3	3.9	4.6	4.2	4.9	5.1
4H	2H	2.8	3.7	3.1	3.9	4.1	3.9	4.7	4.2	5.0	5.2
	3H	2.8	3.5	3.2	3.8	4.1	3.9	4.6	4.2	4.9	5.1
	4H	3.0	3.6	3.3	3.9	4.2	3.9	4.5	4.2	4.8	5.1
	6H	3.3	3.9	3.7	4.2	4.6	3.9	4.5	4.3	4.8	5.2
	8H	3.7	4.2	4.1	4.6	4.9	4.0	4.5	4.4	4.8	5.2
	12H	4.3	4.8	4.7	5.1	5.5	4.0	4.5	4.5	4.9	5.3
8H	4H	2.9	3.5	3.3	3.8	4.2	3.8	4.4	4.2	4.7	5.1
	6H	3.3	3.8	3.8	4.2	4.6	4.1	4.5	4.5	4.9	5.3
	8H	3.7	4.1	4.2	4.5	5.0	4.3	4.7	4.7	5.1	5.5
	12H	4.5	4.8	5.0	5.3	5.7	4.5	4.9	5.0	5.3	5.8
12H	4H	2.9	3.4	3.3	3.8	4.2	3.8	4.3	4.2	4.6	5.0
	6H	3.4	3.8	3.8	4.2	4.6	4.1	4.5	4.5	4.9	5.3
	8H	3.8	4.1	4.3	4.6	5.0	4.4	4.7	4.9	5.2	5.6
Variations with the observer position at spacings:											
S = 1.0H		+ 2.3 / - 3.1					+ 2.1 / - 4.1				
1.5H		+ 4.0 / - 3.9					+ 3.7 / - 4.0				
2.0H		+ 4.7 / - 1.7					+ 4.4 / - 2.3				

CIE Pub.117 Corrected 462.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.7)

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:8.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address:										
NAME: LUKE 5					TYPE: 3000K 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	92	87	83	91	86	83	79
1.00	98	92	88	97	92	88	96	92	87	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	102	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	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004					Suspended				SHRNOM = 1.25	

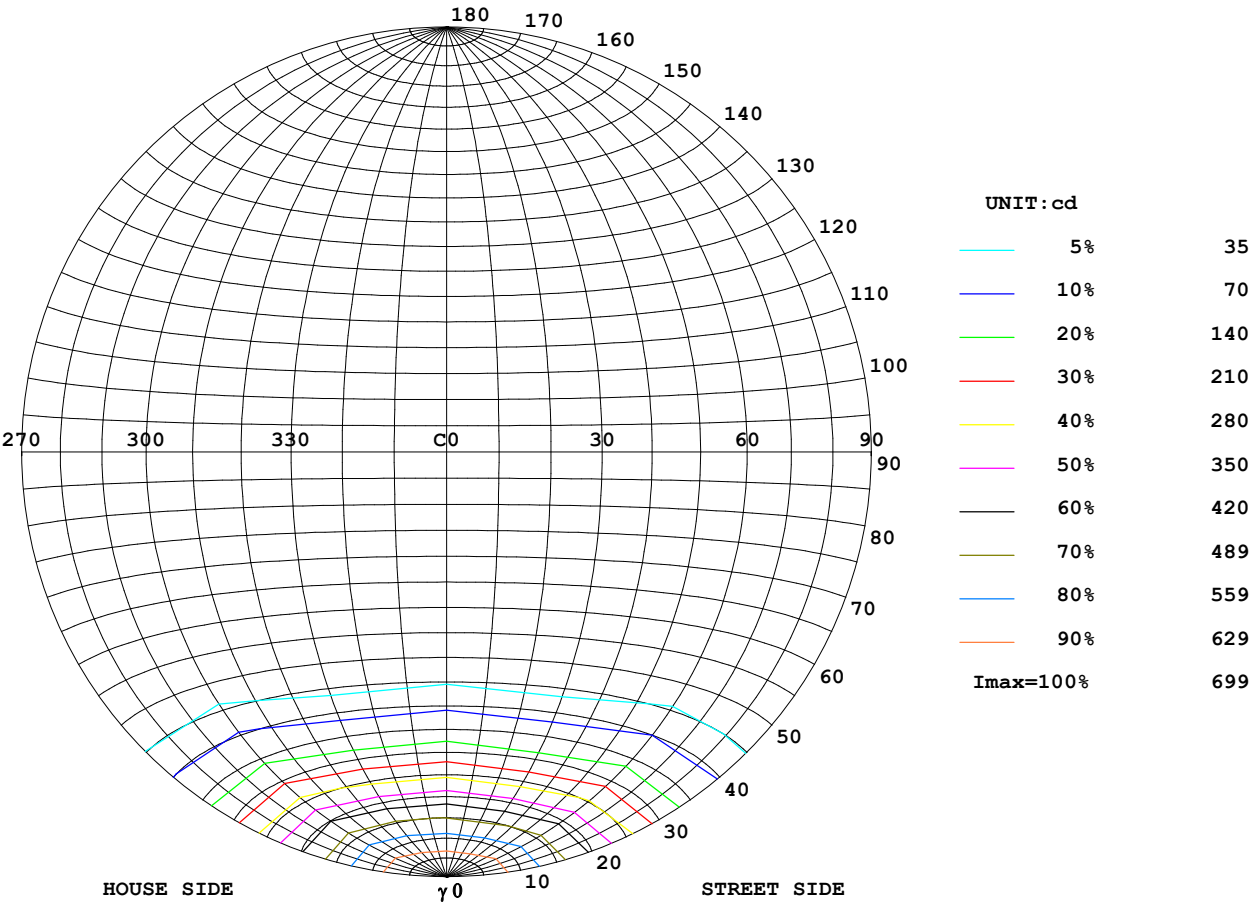
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K 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:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-55 CUTOUT-50 H-52	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 6.96 lx



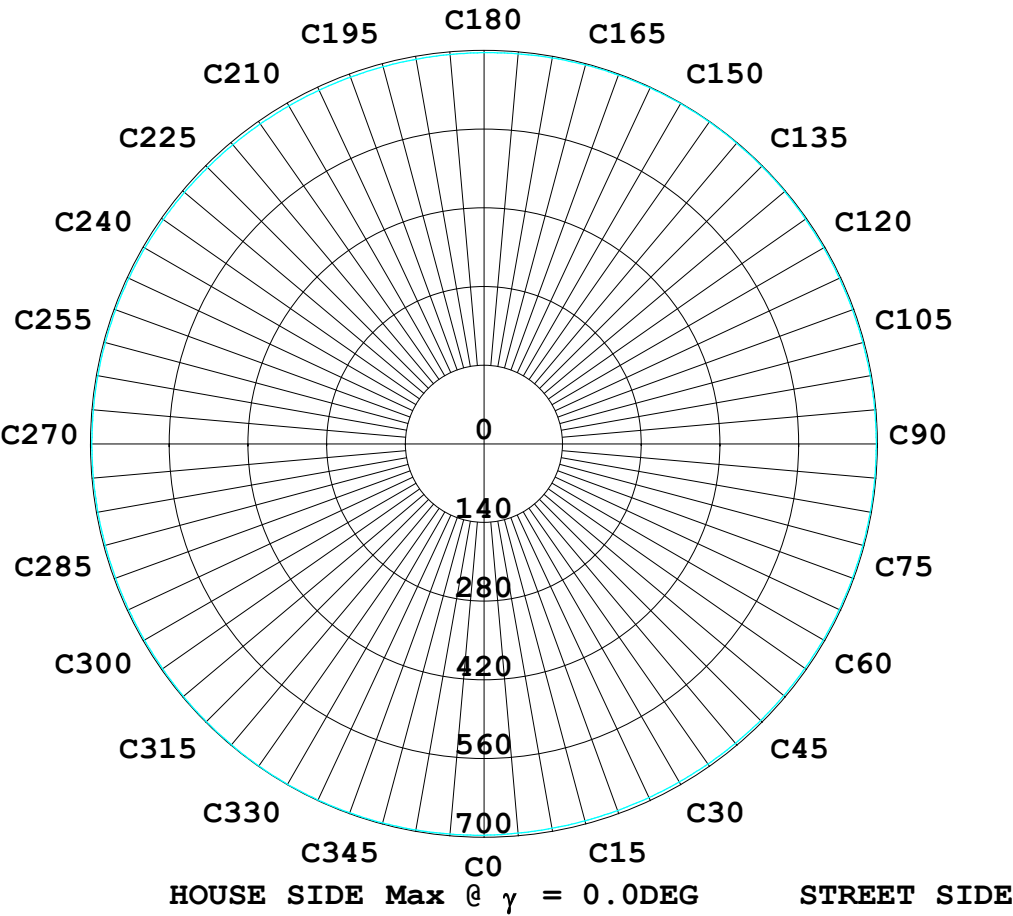
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address:		
NAME: LUKE 5	TYPE: 3000K 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:8.500 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address:											
NAME: LUKE 5						TYPE: 3000K CRI-90				WEIGHT:	
SPECIFICATION: OSRAM 250 MA						DIMENSION: OUTER-55 CUTOUT-50 H-52				MSERIAL No.:	

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	696	695	697	698	698	699	696	695	697	698	698	699
5.0	656	654	669	672	682	683	685	685	673	669	657	663
10.0	582	581	602	608	630	627	629	632	611	608	590	597
15.0	488	482	508	516	545	540	544	548	523	521	498	506
20.0	382	373	403	409	443	434	439	442	414	416	385	396
25.0	266	250	285	305	322	313	326	328	307	302	263	280
30.0	170	158	185	184	210	199	210	217	191	197	166	178
35.0	107	96.4	118	115	135	124	131	138	119	125	101	111
40.0	61.4	52.9	69.6	66.2	82.5	73.6	78.9	85.3	69.6	73.9	55.6	64.5
45.0	32.0	25.7	37.5	33.4	45.4	37.7	42.2	48.1	35.5	39.5	26.4	33.7
50.0	16.8	11.1	19.0	14.5	23.1	16.6	19.2	24.5	15.3	19.6	11.4	17.2
55.0	7.51	3.46	9.68	5.78	12.1	7.00	8.81	13.0	6.35	9.82	2.60	7.51
60.0	4.91	0.94	4.76	0.87	5.20	1.01	2.31	5.49	1.01	4.76	0.65	4.55
65.0	4.04	0.72	3.75	0.51	3.97	0.58	1.73	4.11	0.51	3.82	0.43	3.61
70.0	3.54	0.72	3.32	0.51	3.39	0.51	1.66	3.39	0.58	3.25	0.43	3.10
75.0	3.17	0.79	2.89	0.58	2.96	0.51	1.80	3.03	0.58	2.81	0.51	2.81
80.0	2.96	0.87	2.52	0.65	2.67	0.58	1.95	2.67	0.65	2.52	0.58	2.45
85.0	2.74	0.87	2.45	0.72	2.38	0.65	2.02	2.45	0.72	2.31	0.58	2.23
90.0	2.52	1.30	2.16	1.01	2.16	0.94	2.74	2.16	0.87	2.02	0.79	1.87

Test System:HOPOO HPG1800
Temperature:25.3DEG
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