

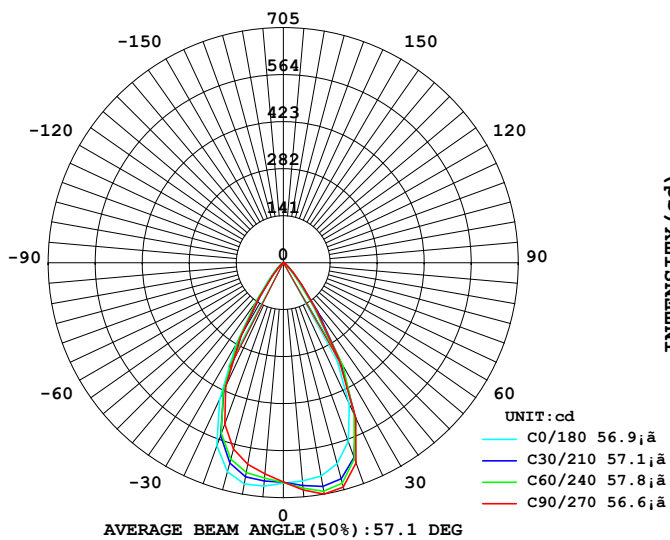
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

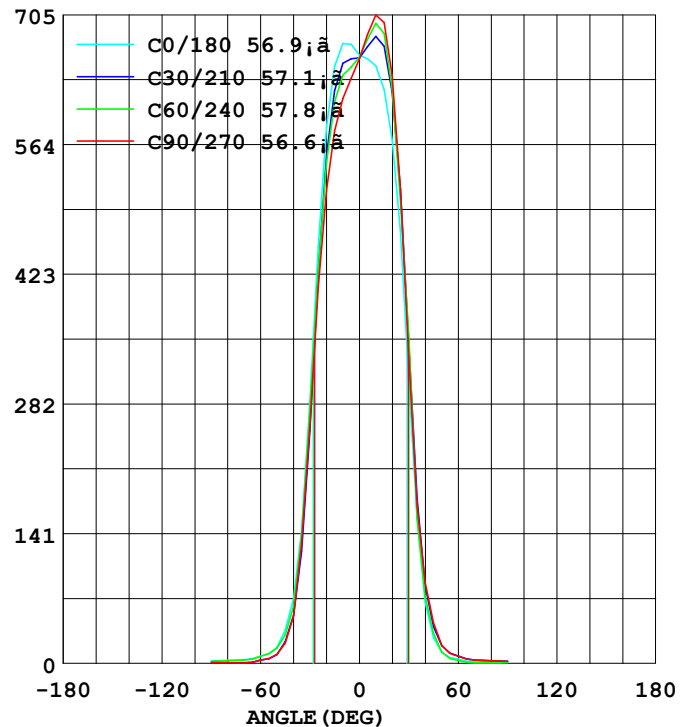
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

DATA OF LAMP		Imax (cd)	705.1	S/MH (C0/180)	0.84
MODEL	LUKE 8	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.82
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	592.76	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	76.0	Current (A)	0.035
NOMINAL FLUX (lm)	592.8	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)	548.5	EEI	0.164

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: 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: LUKE 8	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

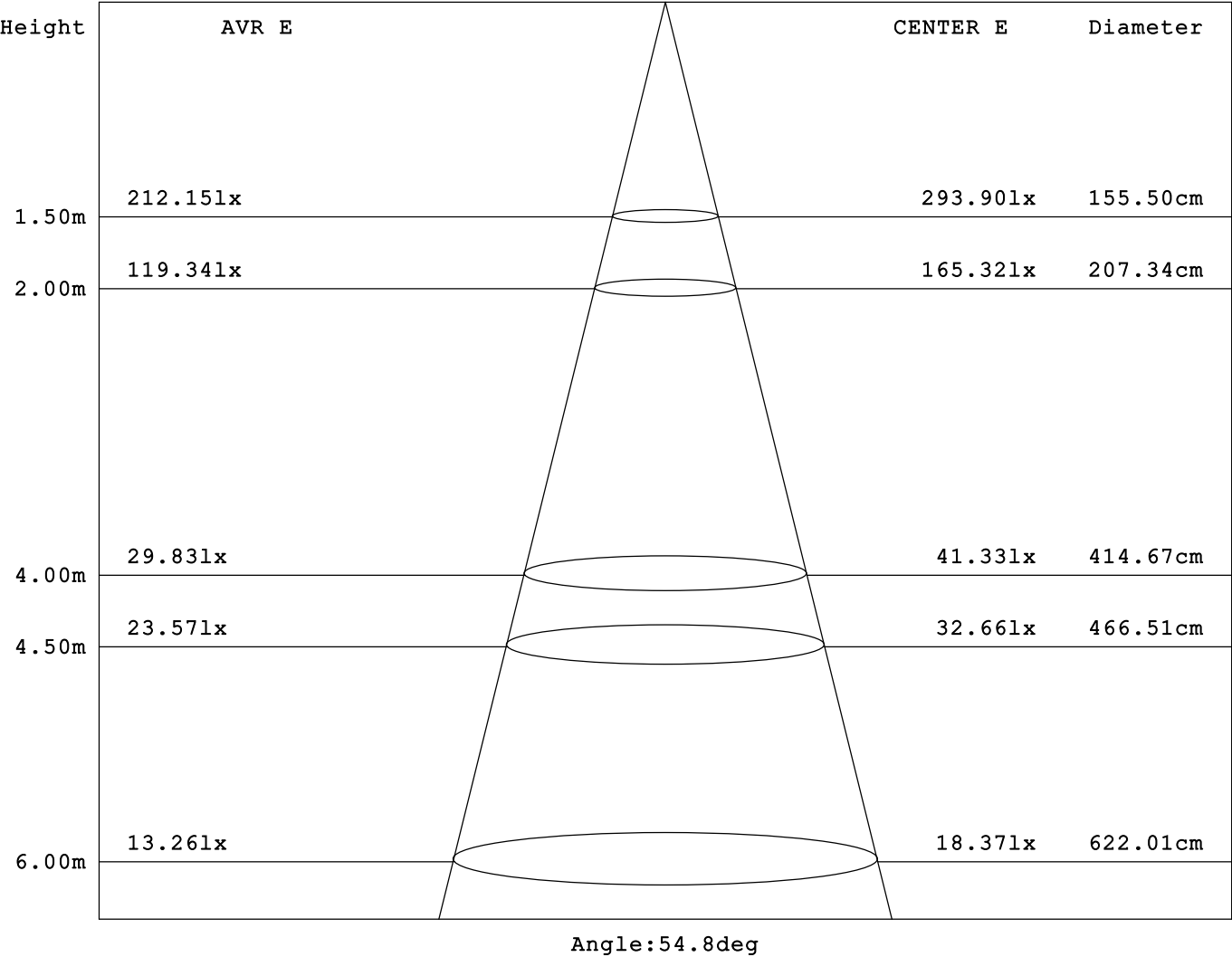
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
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NAME: LUKE 8	TYPE: 4000K 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

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Humidity:65.0%
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Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: LUKE 8	TYPE: 4000K 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	674.0	646.0	614.3	619.1	649.8	688.7	705.1	694.3	0- 10	63.20	63.20
20.0	583.8	548.4	514.6	526.6	569.8	623.1	639.2	610.7	10- 20	177.2	240.4
30.0	284.6	264.5	258.7	284.9	307.5	351.4	333.1	300.9	20- 30	205.0	445.5
40.0	70.71	57.14	51.75	62.24	67.06	78.89	88.04	78.97	30- 40	102.9	548.4
50.0	17.41	13.04	9.882	13.60	12.15	15.79	19.76	15.47	40- 50	28.41	576.8
60.0	7.938	5.629	3.726	5.953	4.698	5.872	7.857	5.386	50- 60	8.166	585.0
70.0	3.969	2.187	0.567	2.065	1.782	2.187	3.726	2.106	60- 70	3.502	588.5
80.0	3.240	1.903	0.729	1.701	1.863	1.822	2.835	1.741	70- 80	2.192	590.7
90.0	2.754	1.863	1.134	1.741	2.754	1.620	2.187	1.539	80- 90	2.017	592.7
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:9.000 m
 Remarks: 4000K

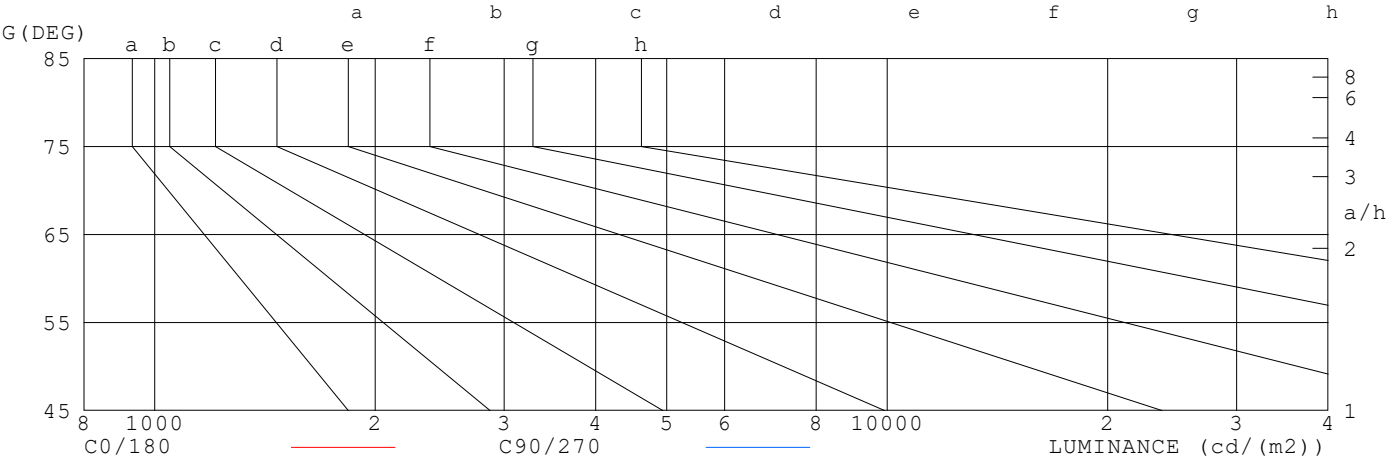
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K 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	344	84
80	187	42
75	138	22
70	116	17
65	119	25
60	159	75
55	186	93
50	271	154
45	515	312

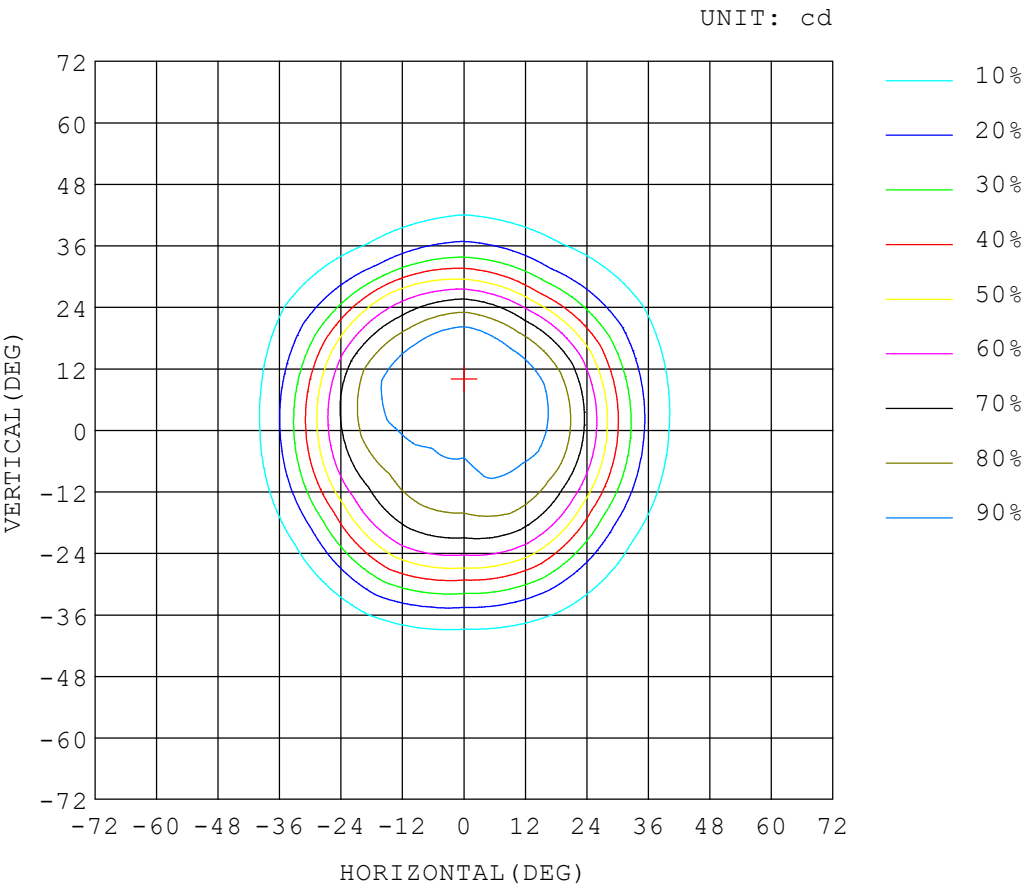
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



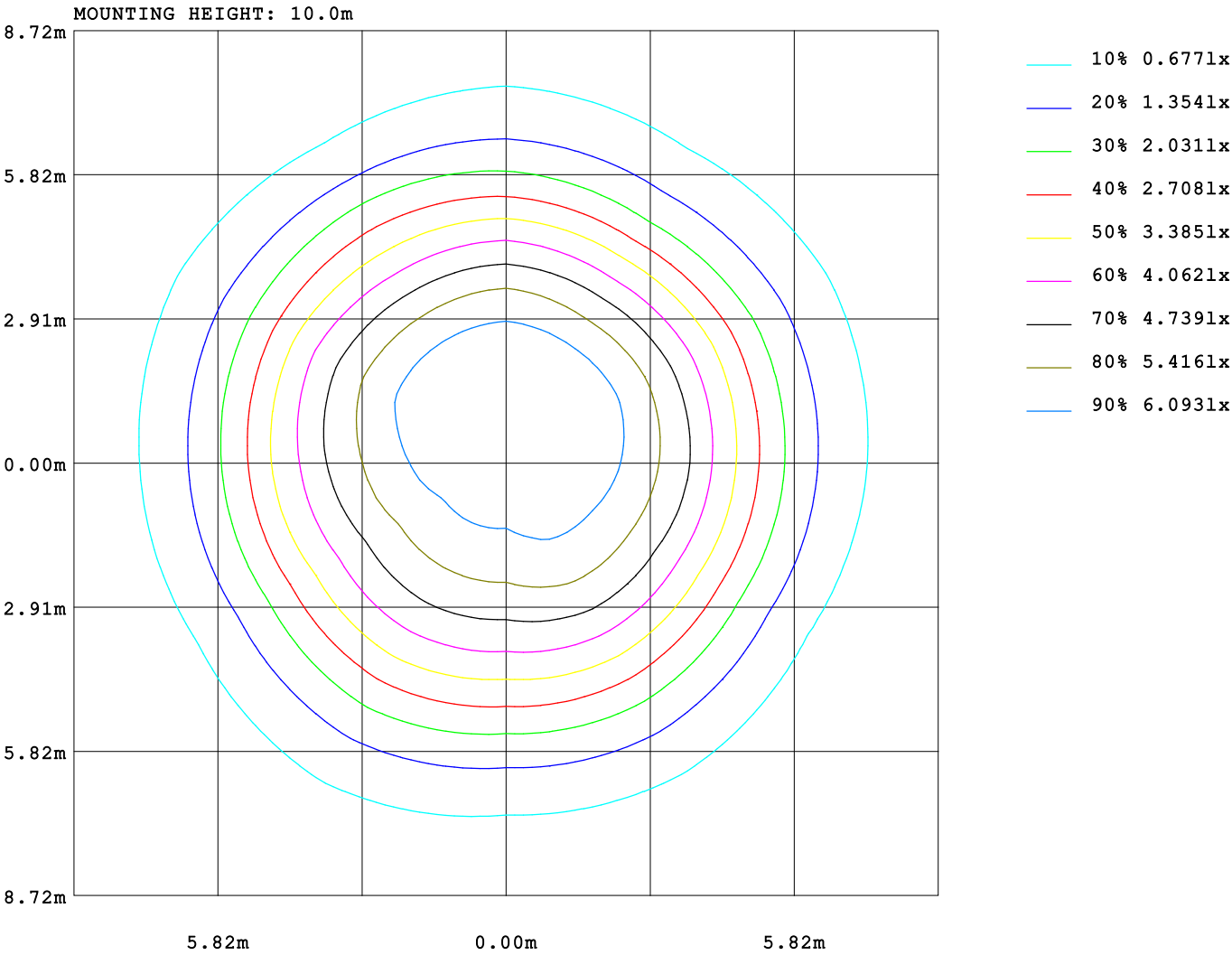
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K 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:9.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: LUKE 8										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: OUTER-65 CUTOUT-60 H-62					MSERIAL No.:				

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a						
	0.02	0.03	0.03	0.03	0.02	0.01	0.03	0.05	0.07	0.07	0.05	0.03	0.01	0.02	0.03	0.03	0.03	0.02	0.60	0.00								
64	0.02	0.03	0.04	0.04	0.04	0.04	0.06	0.10	0.14	0.14	0.10	0.06	0.03	0.03	0.04	0.04	0.03	0.02	1.00	0.00								
56	0.02	0.03	0.05	0.07	0.08	0.09	0.14	0.22	0.30	0.30	0.22	0.13	0.09	0.08	0.06	0.05	0.03	0.02	1.99	0.00								
48	0.02	0.03	0.07	0.11	0.16	0.25	0.45	0.75	1.00	1.00	0.76	0.45	0.25	0.15	0.10	0.07	0.04	0.03	5.70	0.60								
40	0.02	0.04	0.09	0.17	0.35	0.74	1.38	2.27	3.02	2.96	2.20	1.37	0.76	0.36	0.17	0.09	0.05	0.03	16.0	12.1								
32	0.02	0.04	0.11	0.27	0.75	1.82	3.87	6.34	7.69	7.43	5.60	3.41	1.74	0.77	0.28	0.12	0.06	0.03	40.3	37.8								
24	0.02	0.05	0.12	0.39	1.32	3.76	7.51	10.3	11.8	11.7	9.92	6.81	3.39	1.30	0.43	0.14	0.07	0.03	69.2	67.3								
VERTICAL (DEG)	0.02	0.05	0.13	0.51	1.92	5.60	9.94	12.4	13.4	13.4	12.3	9.54	5.14	1.82	0.57	0.17	0.07	0.03	87.1	85.3								
	0.02	0.05	0.13	0.56	2.29	6.41	10.4	12.5	13.1	13.2	12.7	10.4	6.02	2.15	0.64	0.19	0.08	0.03	91.1	89.5								
	0.01	0.04	0.12	0.52	2.17	6.08	9.83	11.6	12.4	12.6	12.2	10.0	5.77	2.03	0.60	0.17	0.07	0.03	86.5	84.8								
	0.01	0.04	0.10	0.41	1.63	4.76	8.41	10.6	11.5	11.8	11.1	8.55	4.46	1.52	0.46	0.14	0.06	0.03	75.8	74.1								
	0.01	0.03	0.08	0.26	0.96	3.00	6.21	8.78	9.78	9.87	8.83	5.98	2.70	0.91	0.29	0.11	0.05	0.02	57.9	55.9								
	0.01	0.02	0.06	0.15	0.48	1.47	3.40	5.33	6.19	6.11	5.06	3.07	1.32	0.47	0.16	0.07	0.04	0.02	33.4	31.1								
	0.01	0.01	0.04	0.09	0.24	0.60	1.28	1.99	2.35	2.28	1.83	1.16	0.57	0.24	0.09	0.05	0.03	0.02	12.9	8.71								
	0.01	0.01	0.02	0.07	0.14	0.27	0.44	0.57	0.61	0.60	0.55	0.43	0.26	0.13	0.07	0.03	0.02	0.02	4.24	0.00								
	0.01	0.01	0.01	0.04	0.10	0.16	0.20	0.20	0.18	0.18	0.20	0.19	0.15	0.09	0.04	0.02	0.01	0.01	1.80	0.00								
	0.01	0.01	0.01	0.03	0.05	0.09	0.11	0.10	0.08	0.08	0.10	0.10	0.09	0.06	0.03	0.01	0.01	0.01	0.98	0.00								
	0.01	0.01	0.01	0.03	0.04	0.06	0.05	0.04	0.02	0.02	0.04	0.05	0.06	0.04	0.03	0.02	0.01	0.01	0.56	0.00								
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)												16	24	32	40	48	56	64	72
	Φ t	0.26	0.54	1.24	3.73	12.7	35.2	63.8	84.4	93.8	94.0	83.9	61.9	32.8	12.1	4.08	1.50	0.76	0.42	593								
	Φ a	0.00	0.00	0.00	0.00	9.14	32.4	61.2	82.0	91.6	91.7	81.5	59.2	30.0	8.55	0.00	0.00	0.00	0.00		548							

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

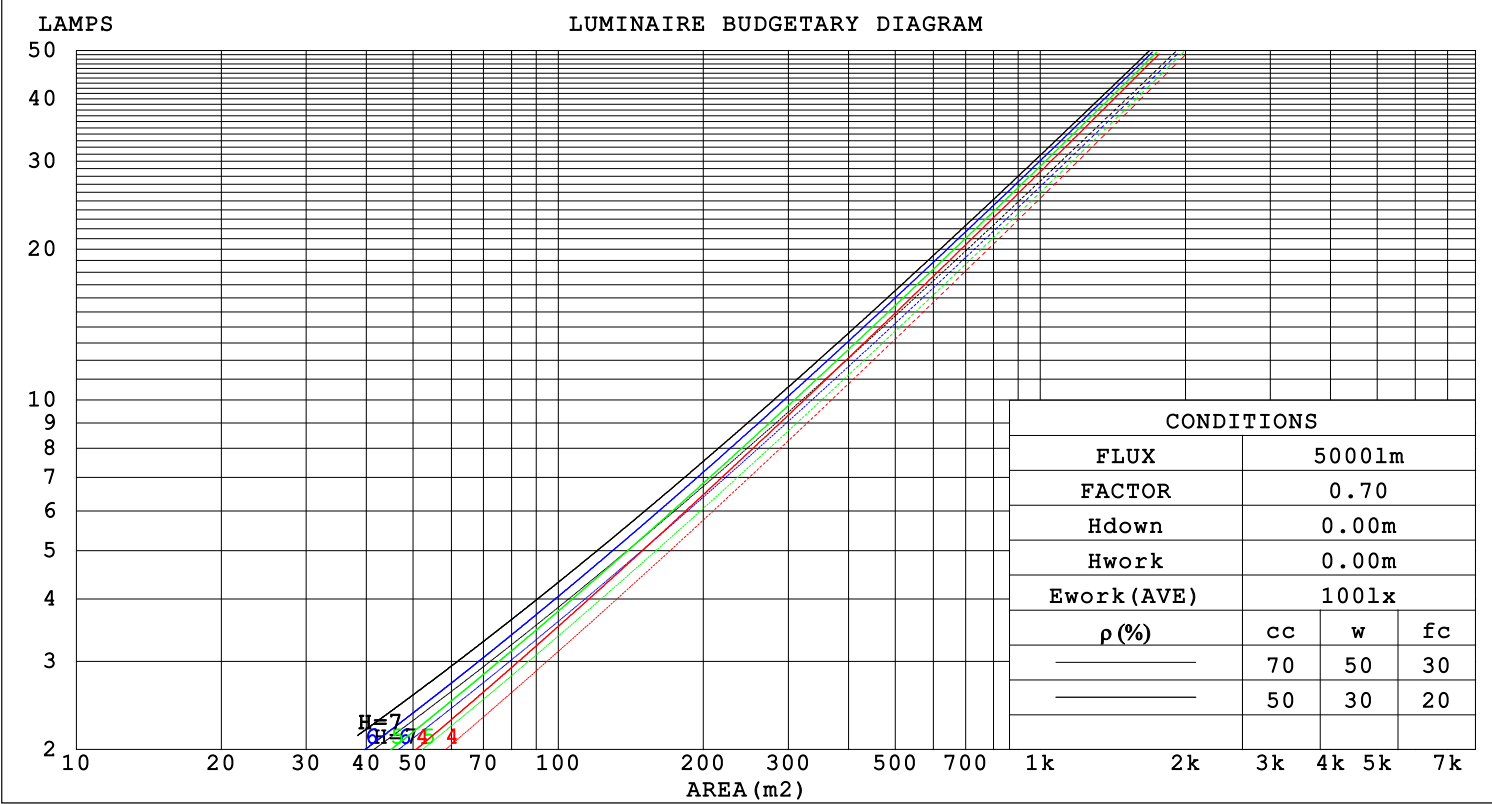
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 8								TYPE: 4000K 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	.64	.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:9.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

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NAME: LUKE 8								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-65 CUTOUT-60 H-62				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	.103	.033	.174	.099	.031	.161	.092	.030	.150	.086	.028	.139	.081	.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	.023	.135	.072	.022	.128	.070	.021															
5.0	.147	.075	.022	.143	.073	.021	.136	.071	.021	.130	.069	.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	.121	.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:9.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: LUKE 8					TYPE: 4000K 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	3.4	4.4	3.7	4.5	4.7	3.5	4.4	3.7	4.6	4.7
3H	3.4	4.3	3.7	4.5	4.7	3.3	4.2	3.6	4.4	4.6
4H	3.5	4.3	3.8	4.5	4.7	3.3	4.1	3.6	4.3	4.6
6H	3.7	4.5	4.0	4.7	5.0	3.3	4.0	3.5	4.3	4.5
8H	3.9	4.6	4.2	4.9	5.2	3.2	4.0	3.5	4.2	4.5
12H	4.2	4.9	4.5	5.2	5.5	3.2	3.9	3.6	4.2	4.5
4H 2H	3.2	4.1	3.5	4.3	4.5	3.3	4.1	3.5	4.3	4.5
3H	3.2	3.9	3.5	4.2	4.5	3.2	3.9	3.6	4.2	4.5
4H	3.3	4.0	3.7	4.3	4.6	3.3	3.9	3.6	4.2	4.5
6H	3.6	4.2	4.0	4.5	4.9	3.3	3.9	3.7	4.2	4.6
8H	3.9	4.5	4.3	4.8	5.2	3.4	3.9	3.8	4.2	4.6
12H	4.4	4.9	4.8	5.3	5.7	3.4	3.9	3.8	4.3	4.7
8H 4H	3.3	3.8	3.7	4.1	4.5	3.2	3.8	3.6	4.1	4.5
6H	3.6	4.0	4.0	4.4	4.8	3.5	3.9	3.9	4.3	4.7
8H	4.0	4.3	4.4	4.8	5.2	3.7	4.1	4.1	4.5	4.9
12H	4.6	4.9	5.1	5.4	5.9	4.0	4.3	4.4	4.7	5.2
12H 4H	3.3	3.7	3.7	4.1	4.5	3.2	3.7	3.6	4.0	4.4
6H	3.6	4.0	4.1	4.4	4.9	3.5	3.9	4.0	4.3	4.8
8H	4.0	4.3	4.5	4.8	5.2	3.8	4.1	4.3	4.6	5.1

Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / - 2.6					+ 1.8 / - 2.8				
1.5H	+ 4.4 / - 3.0					+ 3.5 / - 3.1				
2.0H	+ 4.6 / - 1.7					+ 2.1 / - 1.9				

CIE Pub.117 Corrected 592.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.8)

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:9.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: LUKE 8					TYPE: 4000K 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	92	87	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	

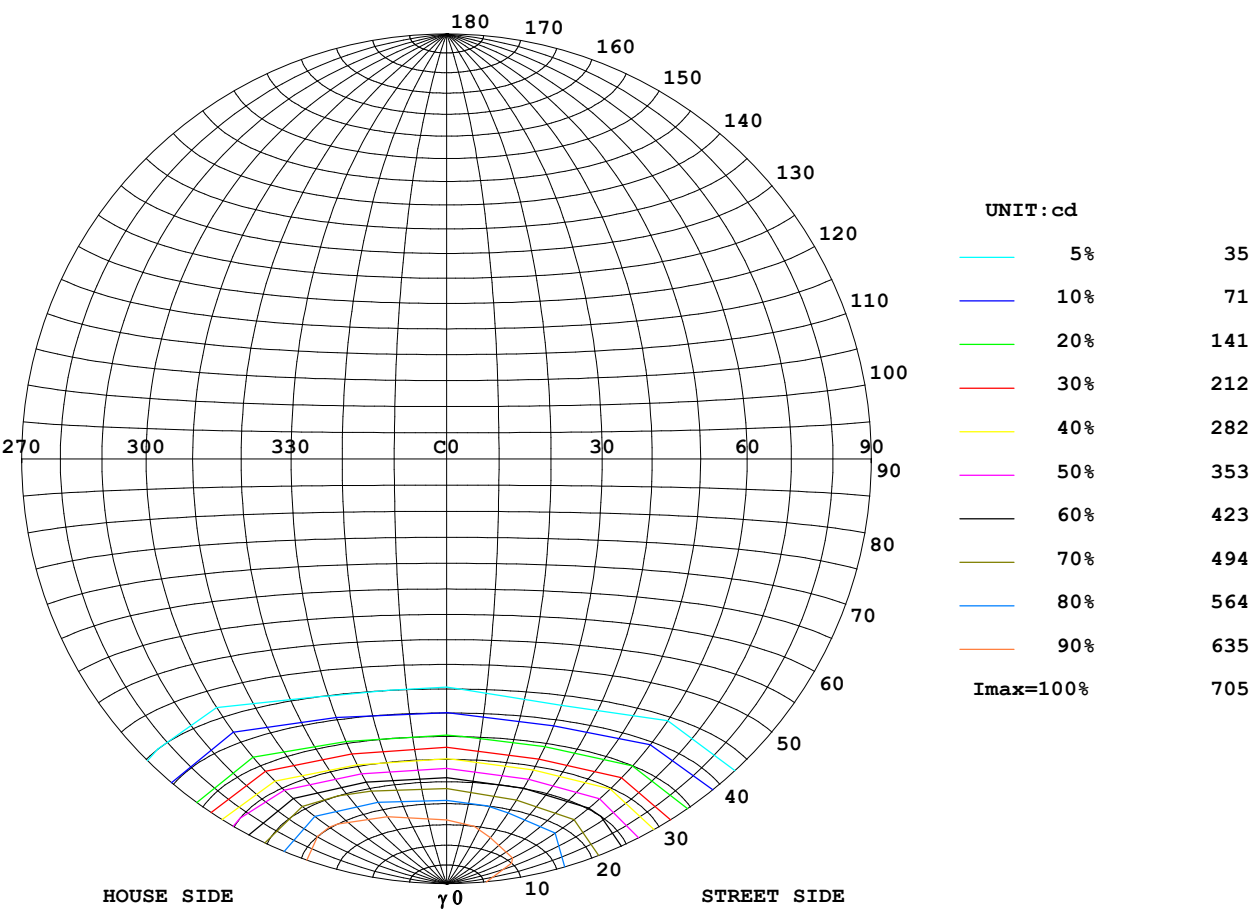
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K 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:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 6.61 lx



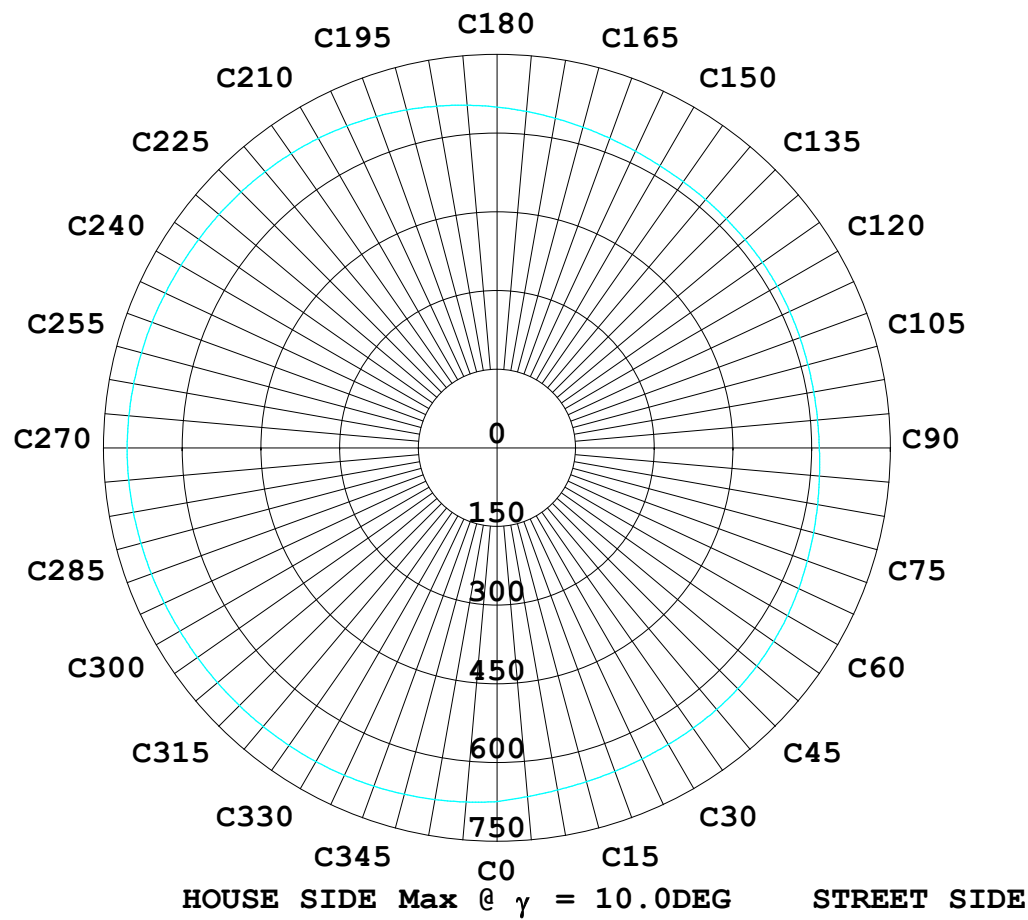
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K 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:9.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 4000K 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	661	658	660	658	662	661	661	658	660	658	662	661
5.0	673	657	648	636	641	644	657	671	679	684	684	681
10.0	674	653	640	614	617	621	650	682	696	705	698	691
15.0	649	623	610	579	583	585	624	671	685	697	679	672
20.0	584	552	544	515	528	525	570	621	625	639	612	610
25.0	452	424	428	409	434	424	469	515	503	515	476	485
30.0	285	254	276	259	296	274	308	346	357	333	290	312
35.0	145	122	139	130	159	140	157	179	158	172	146	162
40.0	70.7	52.3	61.9	51.7	69.0	55.4	67.0	84.8	72.9	88.0	74.0	83.9
45.0	36.4	23.8	31.0	22.0	31.7	23.0	28.4	40.2	32.9	44.4	34.0	43.1
50.0	17.4	9.63	16.4	9.88	17.1	10.0	12.1	19.3	12.2	19.7	11.5	19.3
55.0	10.6	5.18	10.4	5.34	10.8	5.26	6.48	11.3	5.42	10.8	5.10	10.6
60.0	7.93	3.48	7.77	3.72	8.34	3.56	4.69	8.34	3.40	7.85	3.07	7.69
65.0	5.02	1.29	4.69	1.05	4.61	0.97	2.26	4.94	1.13	4.86	1.05	4.69
70.0	3.96	0.81	3.56	0.57	3.56	0.57	1.78	3.80	0.57	3.72	0.57	3.64
75.0	3.56	0.81	3.24	0.57	3.15	0.57	1.86	3.32	0.65	3.24	0.57	3.15
80.0	3.24	0.97	2.83	0.73	2.83	0.57	1.86	2.99	0.65	2.83	0.65	2.83
85.0	2.99	0.97	2.59	0.73	2.59	0.73	2.02	2.67	0.65	2.59	0.65	2.51
90.0	2.75	1.37	2.34	1.13	2.34	1.13	2.75	2.34	0.89	2.18	0.89	2.18

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:9.000 m
Remarks: 4000K