

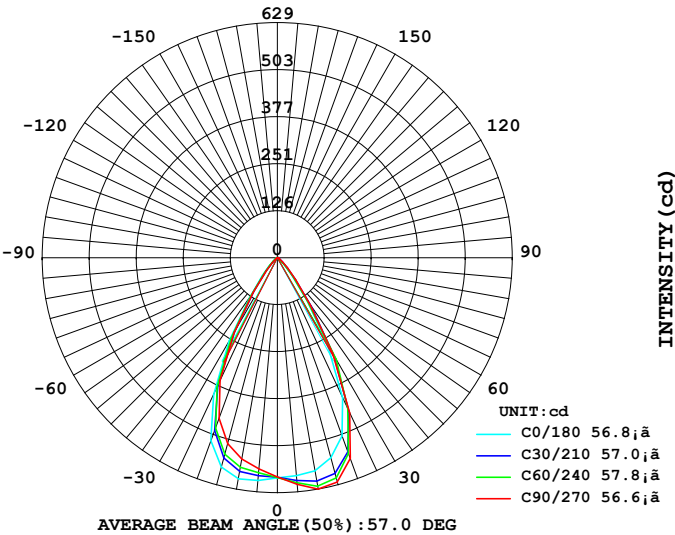
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

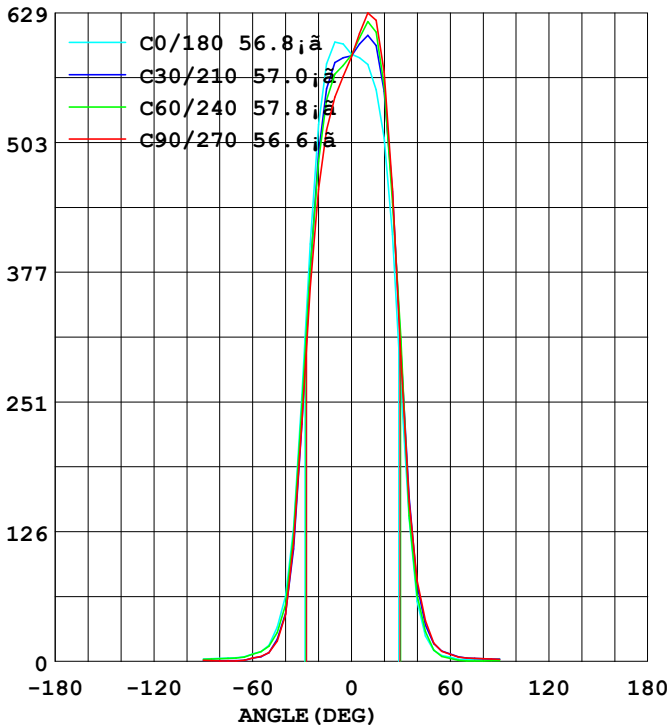
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

DATA OF LAMP		Imax (cd)	628.5	S/MH (C0/180)	0.85
MODEL	LUKE 8	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.82
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	527.59	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	65.9	Current (A)	0.038
NOMINAL FLUX (lm)	527.6	η up (%)	0.0	Power (W)	8.000
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	488.2	EEI	0.113

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:8.500 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

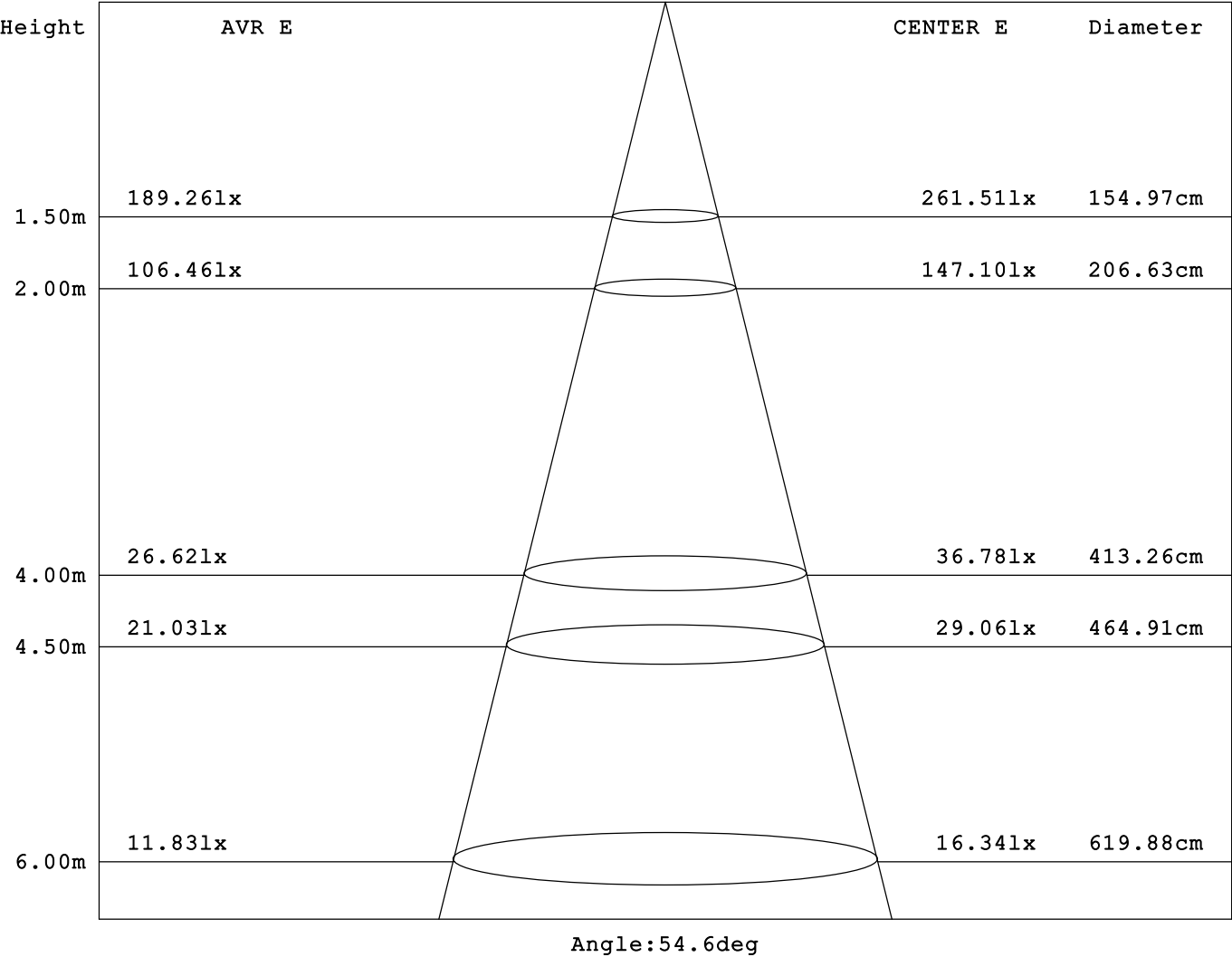
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K 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:8.500 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K 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	600.3	574.7	546.8	551.7	578.3	613.4	628.5	619.2	0- 10	56.29	56.29
20.0	520.3	488.5	457.4	468.2	507.2	554.9	571.0	545.8	10- 20	157.8	214.1
30.0	258.2	238.8	231.4	255.4	268.9	309.1	296.0	266.8	20- 30	182.4	396.5
40.0	63.50	50.90	45.37	54.91	58.01	69.10	78.31	69.90	30- 40	91.62	488.2
50.0	15.60	11.66	8.670	11.95	10.83	14.08	17.91	13.94	40- 50	25.22	513.4
60.0	7.152	5.093	3.323	5.310	4.190	5.129	6.936	4.768	50- 60	7.280	520.7
70.0	3.612	1.950	0.506	1.842	1.589	1.986	3.251	1.878	60- 70	3.132	523.8
80.0	2.890	1.661	0.578	1.481	1.806	1.625	2.528	1.481	70- 80	1.949	525.8
90.0	2.456	1.625	0.939	1.445	2.601	1.481	1.950	1.372	80- 90	1.791	527.5
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

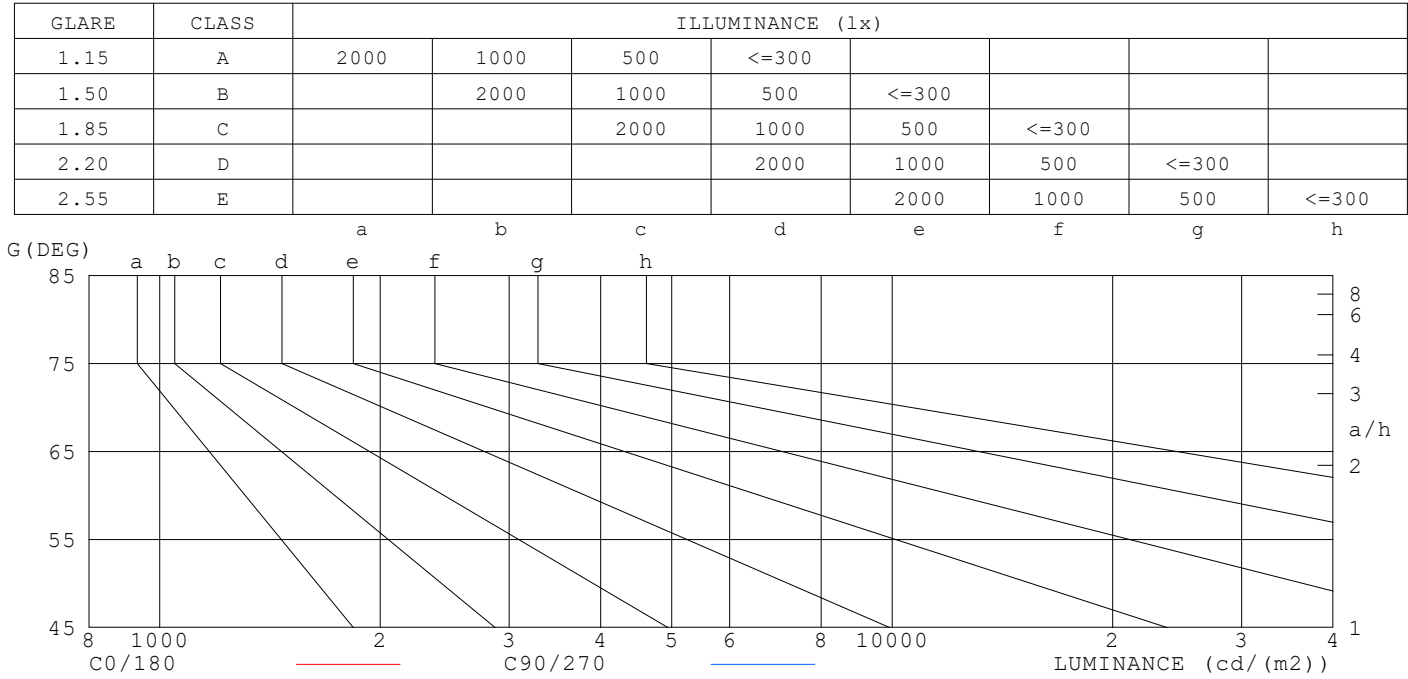
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	307	75
80	166	33
75	126	22
70	106	15
65	108	24
60	143	66
55	168	83
50	243	135
45	471	279

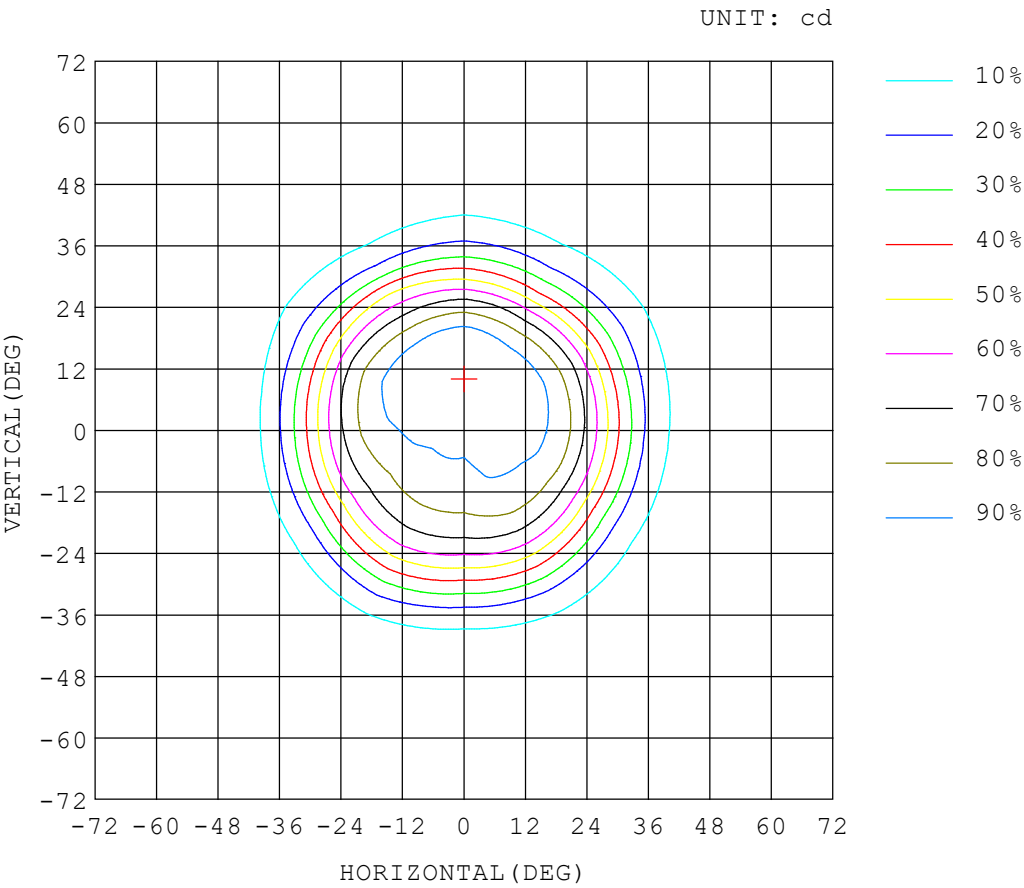
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:



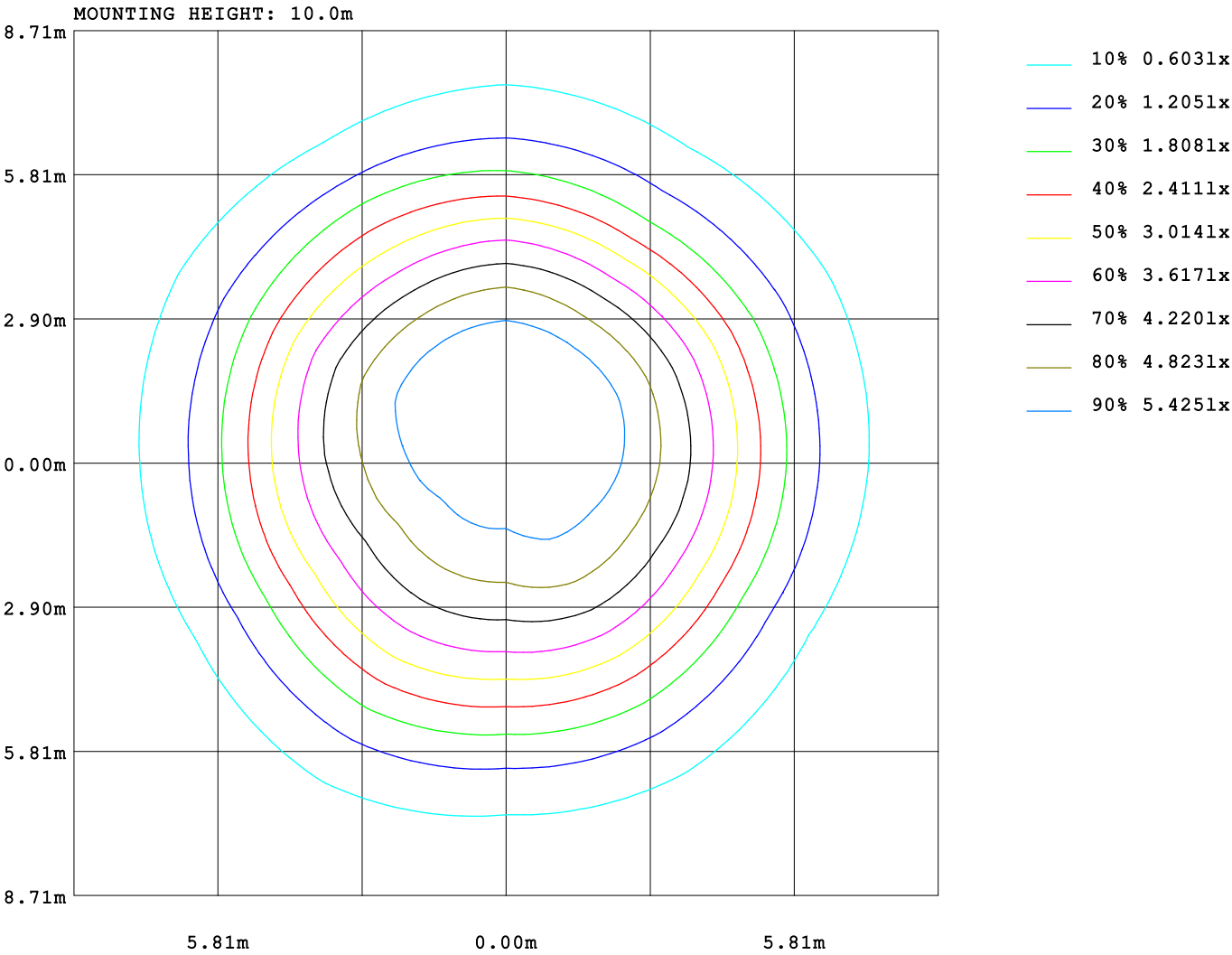
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K 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:8.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: LUKE 8										TYPE: 3000K 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	0.06	0.06	0.04	0.03	0.01	0.02	0.02	0.03	0.02	0.02	0.53	0.00								
64	0.02	0.03	0.03	0.03	0.03	0.03	0.06	0.09	0.12	0.12	0.09	0.05	0.03	0.03	0.03	0.03	0.03	0.02	0.89	0.00								
56	0.02	0.03	0.04	0.06	0.07	0.08	0.12	0.20	0.27	0.27	0.20	0.12	0.08	0.07	0.05	0.04	0.03	0.02	1.78	0.00								
48	0.02	0.03	0.06	0.10	0.14	0.23	0.39	0.67	0.89	0.89	0.68	0.40	0.22	0.13	0.09	0.06	0.04	0.02	5.06	0.54								
40	0.02	0.03	0.08	0.15	0.31	0.65	1.22	2.03	2.70	2.66	1.97	1.22	0.68	0.32	0.15	0.08	0.04	0.02	14.3	10.7								
32	0.02	0.04	0.09	0.24	0.65	1.61	3.43	5.61	6.83	6.61	4.98	3.05	1.55	0.68	0.25	0.10	0.05	0.03	35.8	33.5								
24	0.02	0.04	0.11	0.34	1.16	3.32	6.63	9.19	10.5	10.4	8.84	6.05	3.03	1.16	0.39	0.13	0.06	0.03	61.6	59.8								
VERTICAL (DEG)	0.02	0.04	0.12	0.44	1.69	4.92	8.80	11.0	11.9	11.9	10.9	8.50	4.59	1.63	0.51	0.15	0.07	0.03	77.4	75.9								
	0.01	0.04	0.12	0.49	2.01	5.64	9.28	11.1	11.7	11.8	11.3	9.32	5.40	1.93	0.58	0.17	0.07	0.03	81.1	79.6								
	0.01	0.04	0.11	0.45	1.91	5.36	8.73	10.4	11.0	11.2	10.9	8.98	5.19	1.83	0.54	0.16	0.07	0.03	77.0	75.5								
	0.01	0.04	0.09	0.36	1.43	4.23	7.48	9.47	10.3	10.5	9.94	7.62	4.02	1.36	0.42	0.13	0.06	0.03	67.5	66.0								
	0.01	0.03	0.07	0.23	0.84	2.66	5.54	7.81	8.69	8.78	7.86	5.36	2.43	0.82	0.27	0.10	0.05	0.02	51.6	49.8								
	0.01	0.02	0.05	0.13	0.42	1.30	3.02	4.76	5.51	5.44	4.52	2.75	1.18	0.42	0.14	0.07	0.03	0.02	29.8	27.7								
	0.01	0.01	0.04	0.08	0.21	0.53	1.13	1.75	2.07	2.01	1.62	1.03	0.52	0.21	0.08	0.04	0.02	0.02	11.4	7.69								
	0.01	0.01	0.02	0.06	0.12	0.24	0.39	0.51	0.54	0.53	0.49	0.39	0.23	0.12	0.06	0.02	0.02	0.01	3.77	0.00								
	0.01	0.01	0.01	0.04	0.09	0.14	0.18	0.18	0.16	0.16	0.17	0.17	0.14	0.08	0.04	0.01	0.01	0.01	1.60	0.00								
	0.01	0.01	0.01	0.02	0.05	0.08	0.10	0.09	0.07	0.07	0.09	0.09	0.08	0.05	0.03	0.01	0.01	0.01	0.88	0.00								
	0.01	0.01	0.01	0.02	0.04	0.05	0.05	0.04	0.02	0.02	0.04	0.05	0.05	0.04	0.02	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	0.48	1.10	3.28	11.2	31.1	56.6	75.0	83.5	83.7	74.8	55.2	29.4	10.9	3.67	1.34	0.68	0.38	528								
	Φ a	0.00	0.00	0.00	0.00	7.92	28.5	54.3	72.9	81.5	81.7	72.6	52.8	26.9	7.67	0.00	0.00	0.00	0.00		488							

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

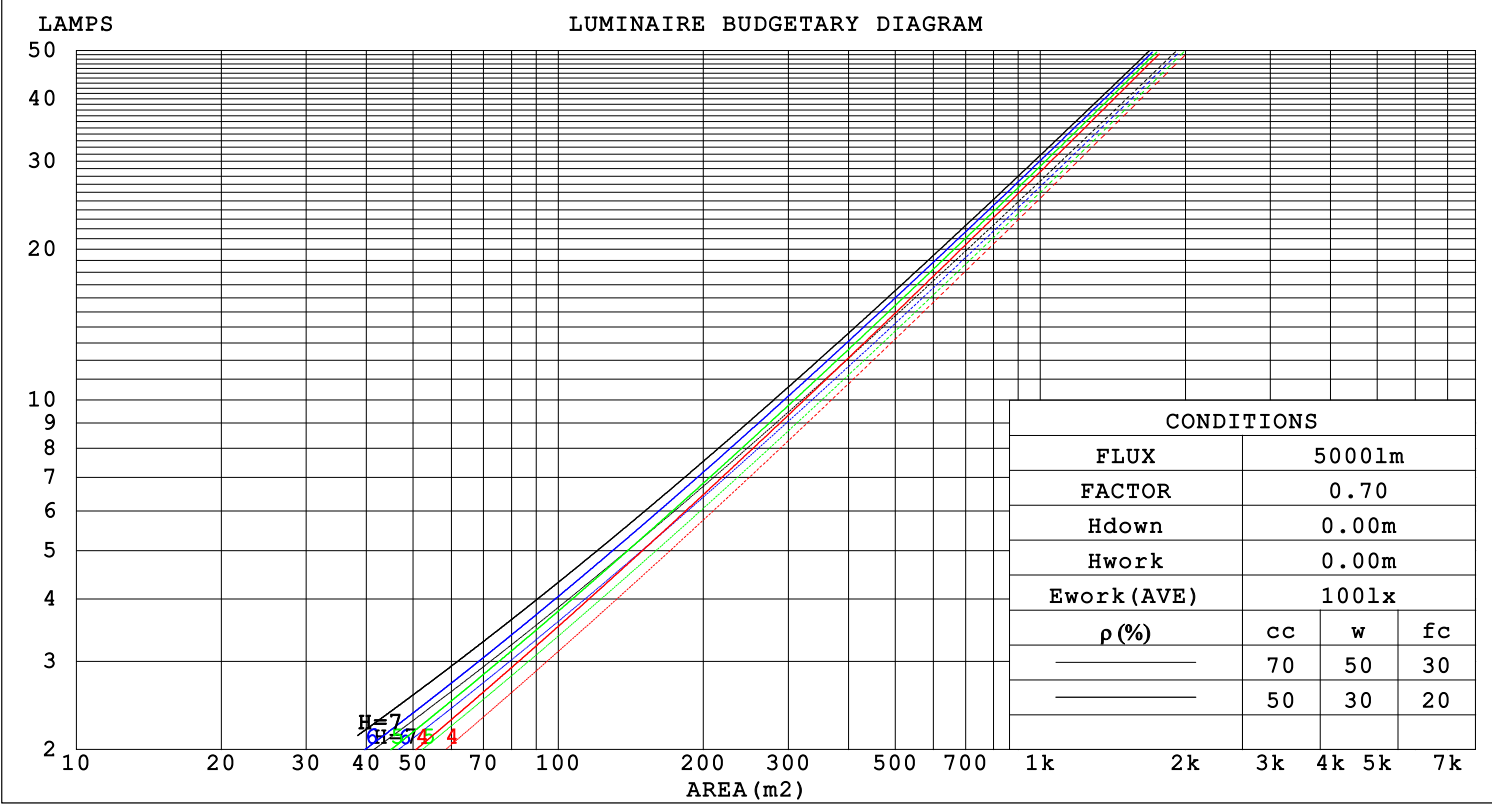
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 8								TYPE: 3000K 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:8.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 8								TYPE: 3000K 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	.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	.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	.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:8.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: LUKE 8					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: OUTER-65 CUTOUT-60 H-62			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	3.1	4.0	3.3	4.2	4.4	3.0	4.0	3.3	4.1	4.3	
	3H	3.1	3.9	3.3	4.1	4.3	2.9	3.8	3.2	4.0	4.2
	4H	3.2	4.0	3.4	4.2	4.4	2.9	3.7	3.1	3.9	4.1
	6H	3.4	4.1	3.7	4.4	4.6	2.8	3.6	3.1	3.8	4.1
	8H	3.6	4.3	3.9	4.6	4.8	2.8	3.5	3.1	3.8	4.1
	12H	3.9	4.6	4.2	4.9	5.1	2.8	3.5	3.1	3.8	4.1
4H	2H	2.9	3.7	3.2	3.9	4.2	2.8	3.7	3.1	3.9	4.1
	3H	2.9	3.6	3.2	3.9	4.1	2.8	3.5	3.1	3.8	4.1
	4H	3.0	3.6	3.3	3.9	4.2	2.9	3.5	3.2	3.8	4.1
	6H	3.3	3.9	3.7	4.2	4.5	2.9	3.5	3.3	3.8	4.2
	8H	3.6	4.1	4.0	4.5	4.8	2.9	3.5	3.3	3.8	4.2
	12H	4.1	4.6	4.5	4.9	5.3	3.0	3.5	3.4	3.9	4.3
8H	4H	2.9	3.5	3.3	3.8	4.2	2.8	3.3	3.2	3.7	4.1
	6H	3.3	3.7	3.7	4.1	4.5	3.1	3.5	3.5	3.9	4.3
	8H	3.6	4.0	4.1	4.4	4.9	3.3	3.7	3.7	4.1	4.5
	12H	4.3	4.6	4.8	5.1	5.5	3.6	3.9	4.0	4.3	4.8
12H	4H	2.9	3.4	3.3	3.8	4.2	2.8	3.3	3.2	3.6	4.0
	6H	3.3	3.7	3.7	4.1	4.5	3.1	3.5	3.5	3.9	4.3
	8H	3.7	4.0	4.1	4.4	4.9	3.4	3.7	3.9	4.2	4.7
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 527.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.2)

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: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: LUKE 8	TYPE: 3000K 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	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		

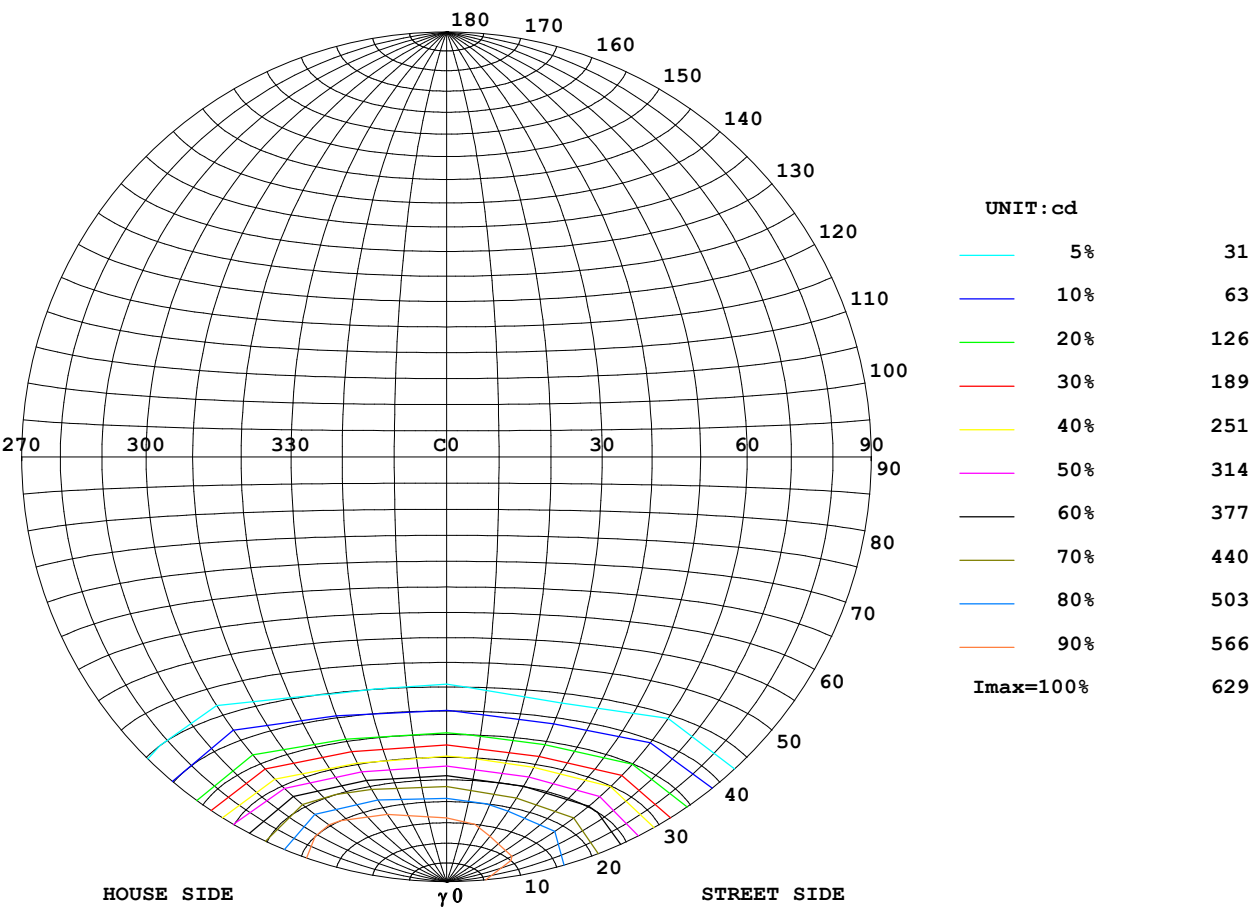
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-06-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K 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

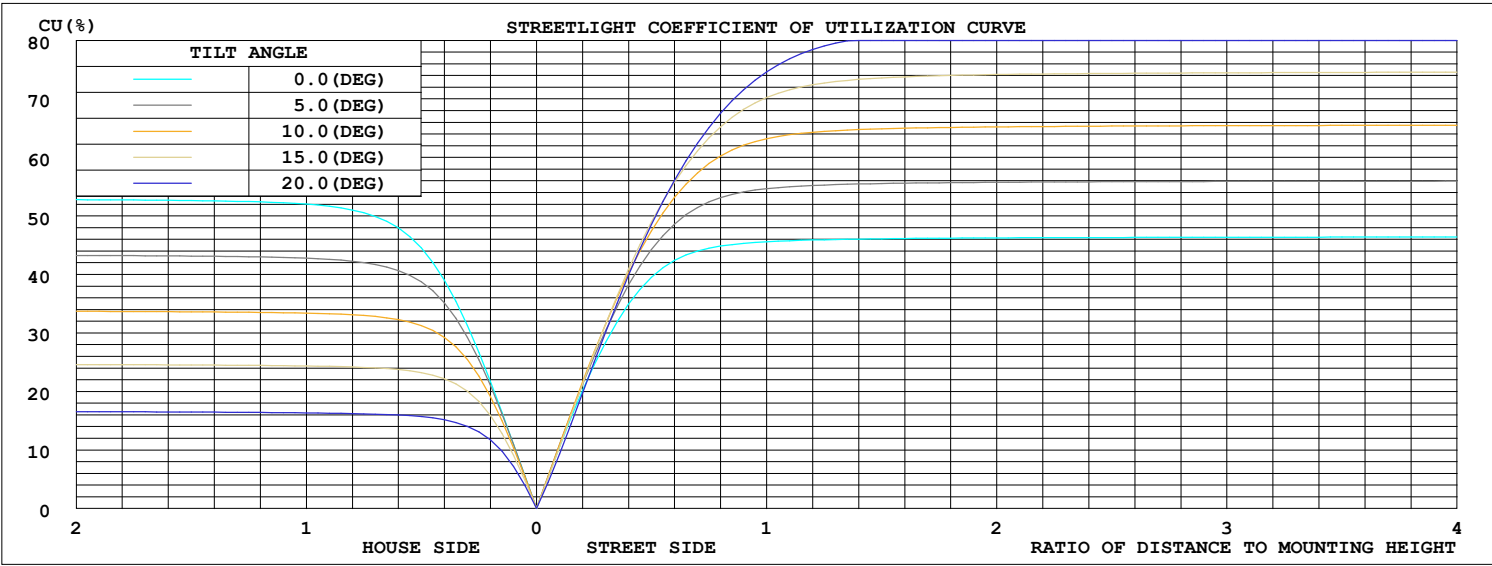
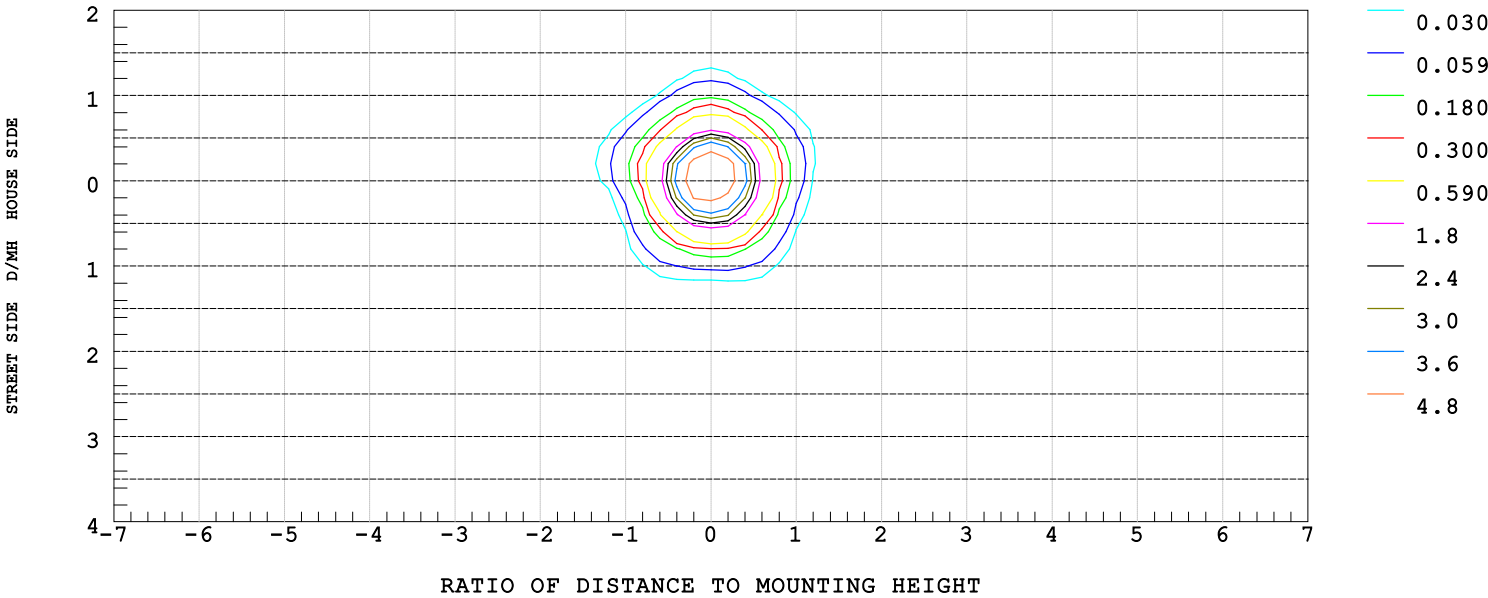
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-65 CUTOUT-60 H-62	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 5.88 lx



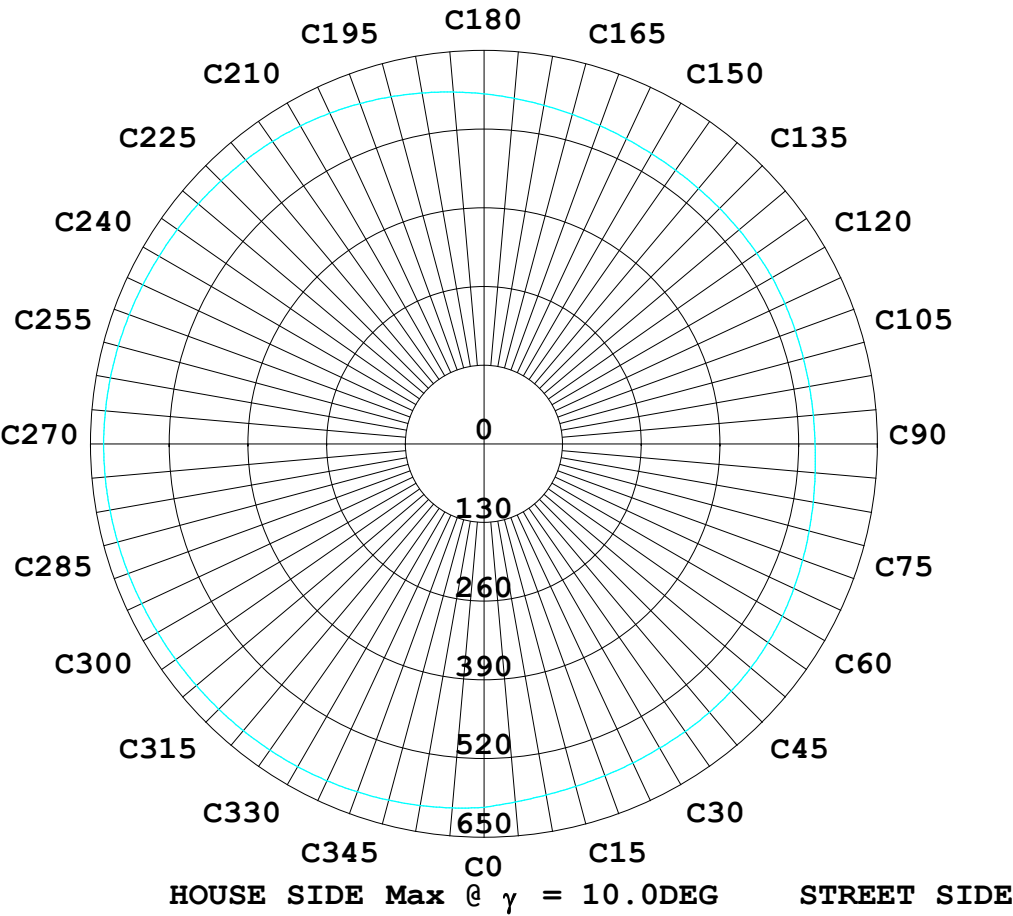
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

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: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K 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:8.500 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 8	TYPE: 3000K 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	588	587	588	586	589	589	588	587	588	586	589	589
5.0	598	585	577	567	571	574	585	598	604	609	610	607
10.0	600	580	569	547	550	554	578	607	620	629	623	616
15.0	579	555	544	515	520	521	554	597	610	621	605	598
20.0	520	492	485	457	470	467	507	552	557	571	547	545
25.0	404	378	381	362	386	377	414	455	445	458	423	431
30.0	258	230	248	231	265	246	269	303	315	296	257	277
35.0	130	109	124	115	140	123	139	159	141	155	132	146
40.0	63.5	46.8	54.9	45.3	60.9	48.9	58.0	74.0	64.1	78.3	65.6	74.2
45.0	33.3	21.6	28.0	19.7	28.4	20.7	24.7	35.2	28.9	39.5	30.1	38.1
50.0	15.6	8.67	14.6	8.67	15.1	8.81	10.8	17.2	10.9	17.9	10.5	17.3
55.0	9.60	4.55	9.32	4.76	9.68	4.69	5.78	10.1	4.76	9.68	4.47	9.46
60.0	7.15	3.17	7.00	3.32	7.51	3.10	4.19	7.29	2.96	6.93	2.74	6.79
65.0	4.55	1.08	4.26	1.01	4.11	0.87	2.09	4.47	1.01	4.33	0.87	4.19
70.0	3.61	0.72	3.17	0.51	3.17	0.51	1.58	3.39	0.58	3.25	0.51	3.25
75.0	3.25	0.79	2.81	0.58	2.74	0.51	1.73	2.96	0.51	2.81	0.43	2.81
80.0	2.89	0.79	2.52	0.58	2.45	0.51	1.80	2.67	0.58	2.52	0.51	2.45
85.0	2.67	0.94	2.31	0.65	2.23	0.65	1.80	2.38	0.65	2.31	0.51	2.23
90.0	2.45	1.22	2.02	0.94	2.02	0.87	2.60	2.09	0.87	1.95	0.79	1.95

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
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