

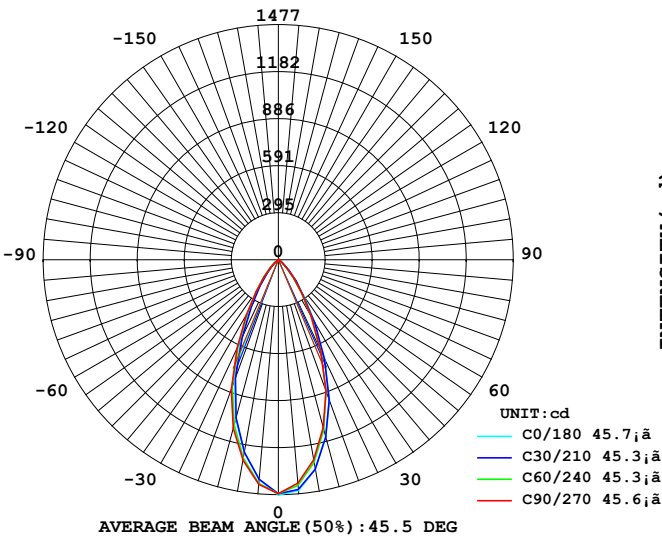
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

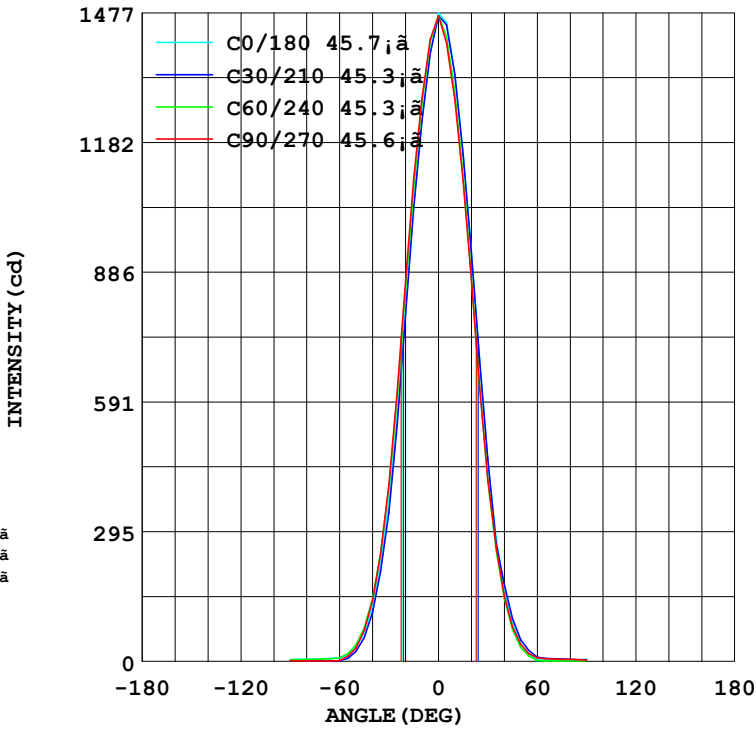
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

DATA OF LAMP		Imax (cd)	1477	S/MH (C0/180)	0.68
MODEL	LUKE 12	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.72
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	971.68	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	80.8	Current (A)	0.050
NOMINAL FLUX (lm)	971.7	η up (%)	0.0	Power (W)	12.02
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	882.3	EEI	0.173

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: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

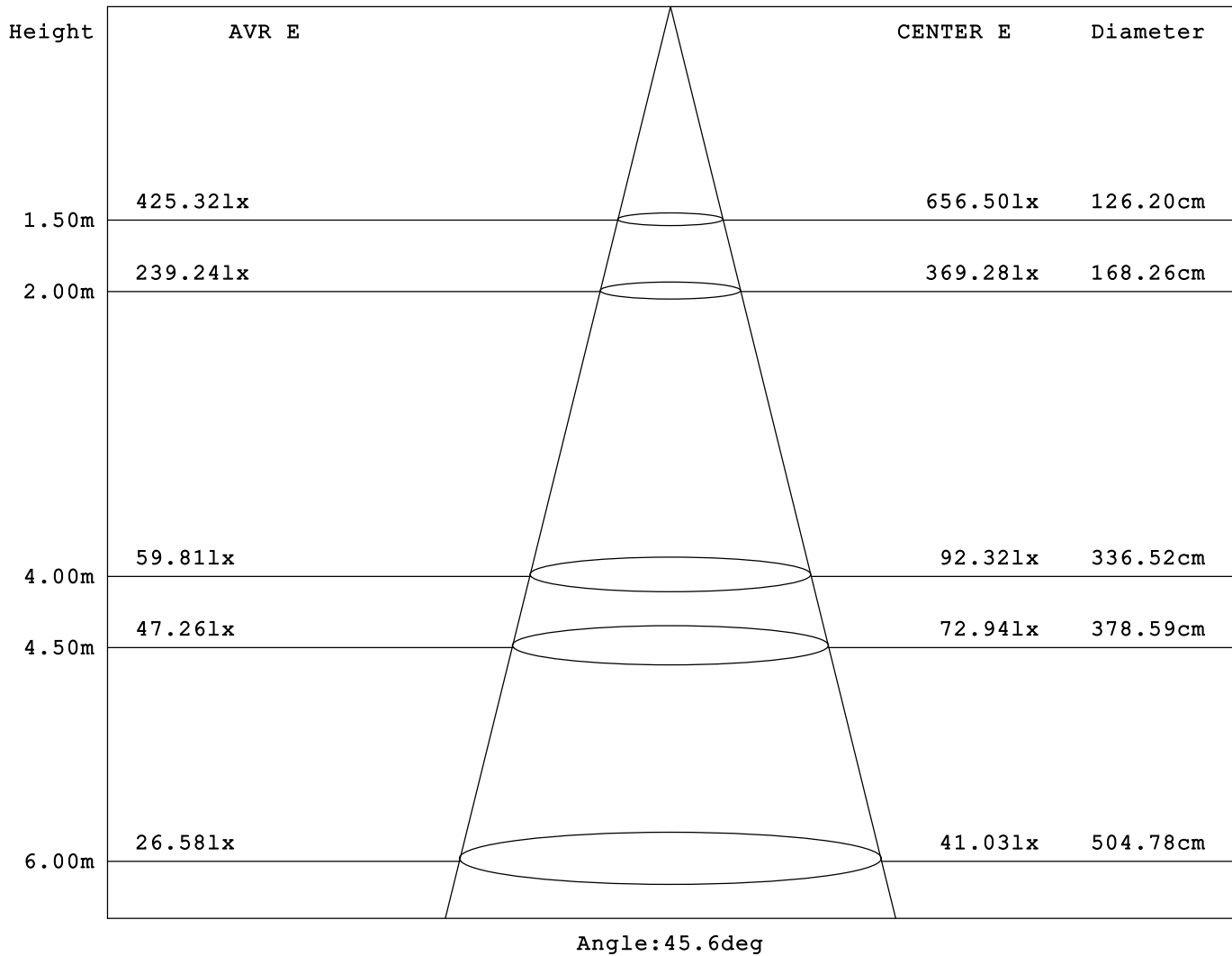
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	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: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1230	1249	1281	1322	1337	1316	1279	1249	0- 10	131.0	131.0
20.0	805.6	818.5	866.4	924.3	938.8	908.6	876.2	823.5	10- 20	302.9	434.0
30.0	365.3	368.3	403.6	441.5	455.6	436.7	414.0	381.8	20- 30	286.3	720.3
40.0	126.2	127.7	139.7	163.0	166.5	161.5	151.2	123.5	30- 40	161.9	882.2
50.0	32.58	30.32	30.23	39.93	39.89	40.65	38.98	28.83	40- 50	62.96	945.2
60.0	8.303	5.099	1.895	5.730	4.061	5.730	8.212	4.602	50- 60	15.58	960.8
70.0	5.956	3.474	1.083	3.384	2.797	3.429	5.505	3.113	60- 70	4.180	965.0
80.0	4.873	3.023	1.263	2.888	2.978	2.888	4.422	2.617	70- 80	3.455	968.4
90.0	4.151	3.023	1.895	2.797	4.422	2.617	3.519	2.436	80- 90	3.226	971.6
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

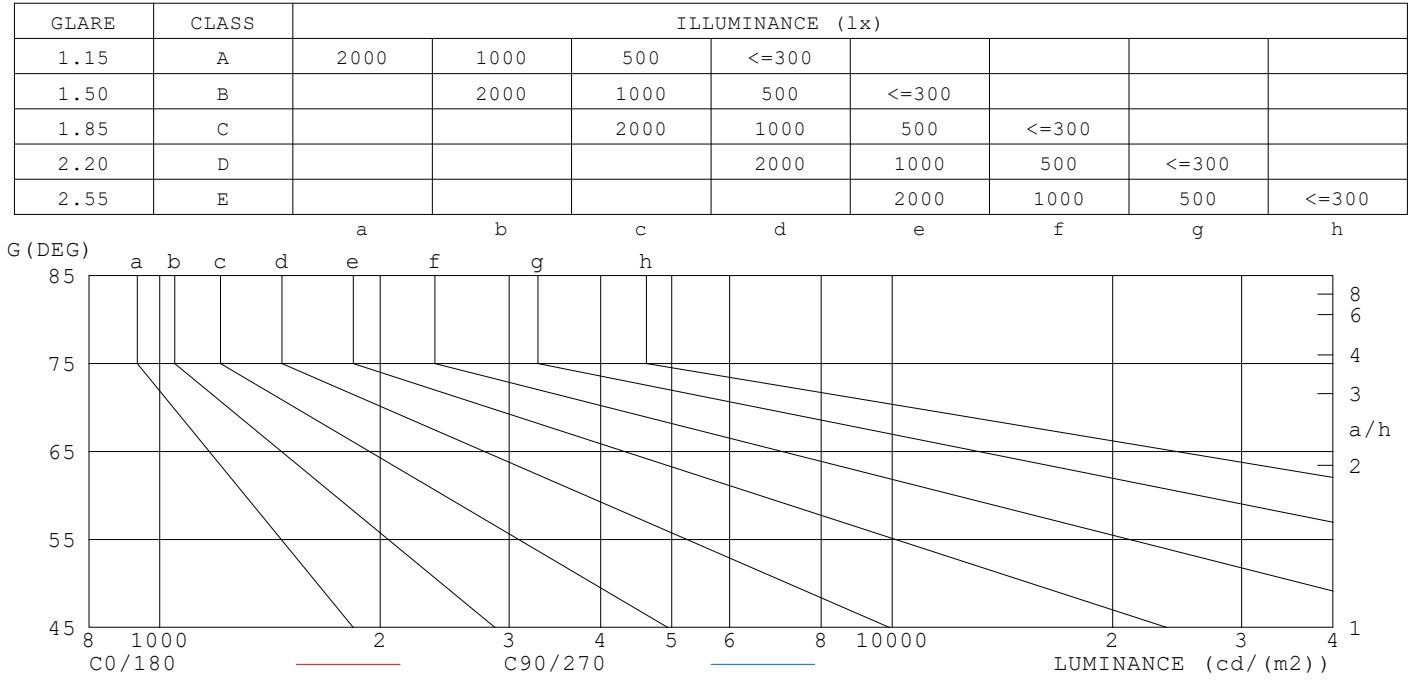
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	528	155
80	281	73
75	209	45
70	174	32
65	160	23
60	166	38
55	233	208
50	507	470
45	922	1008

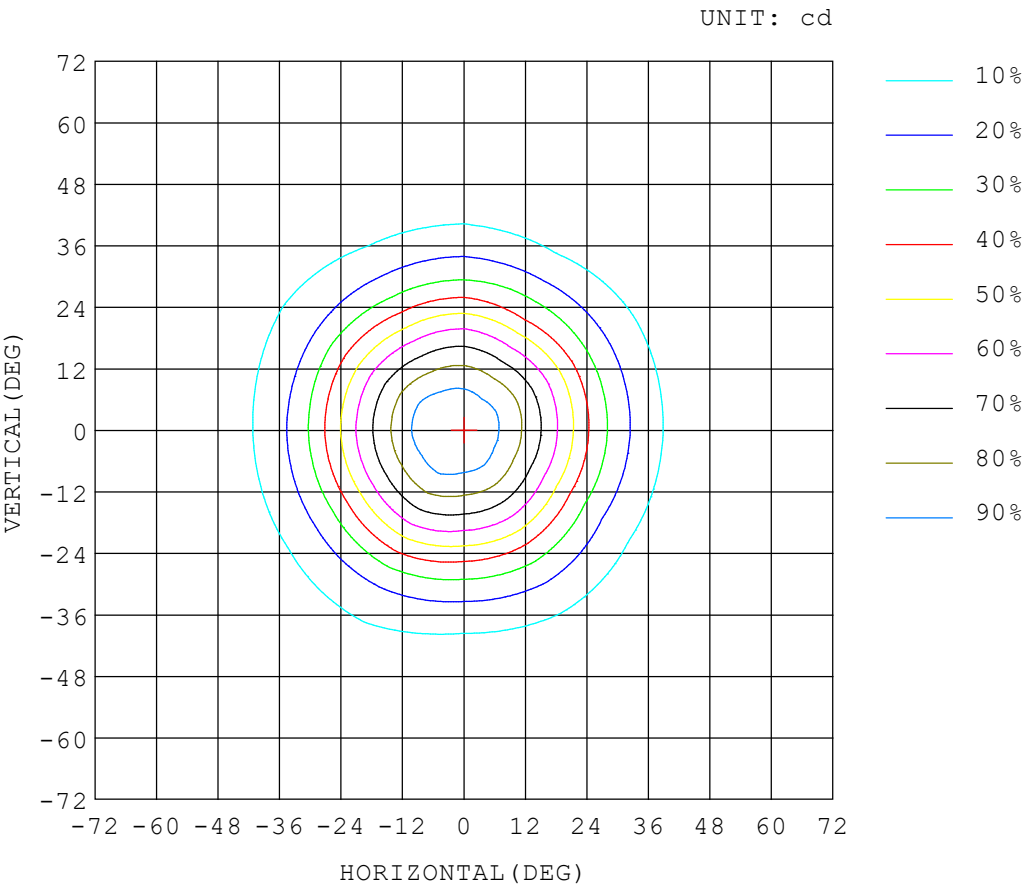
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:



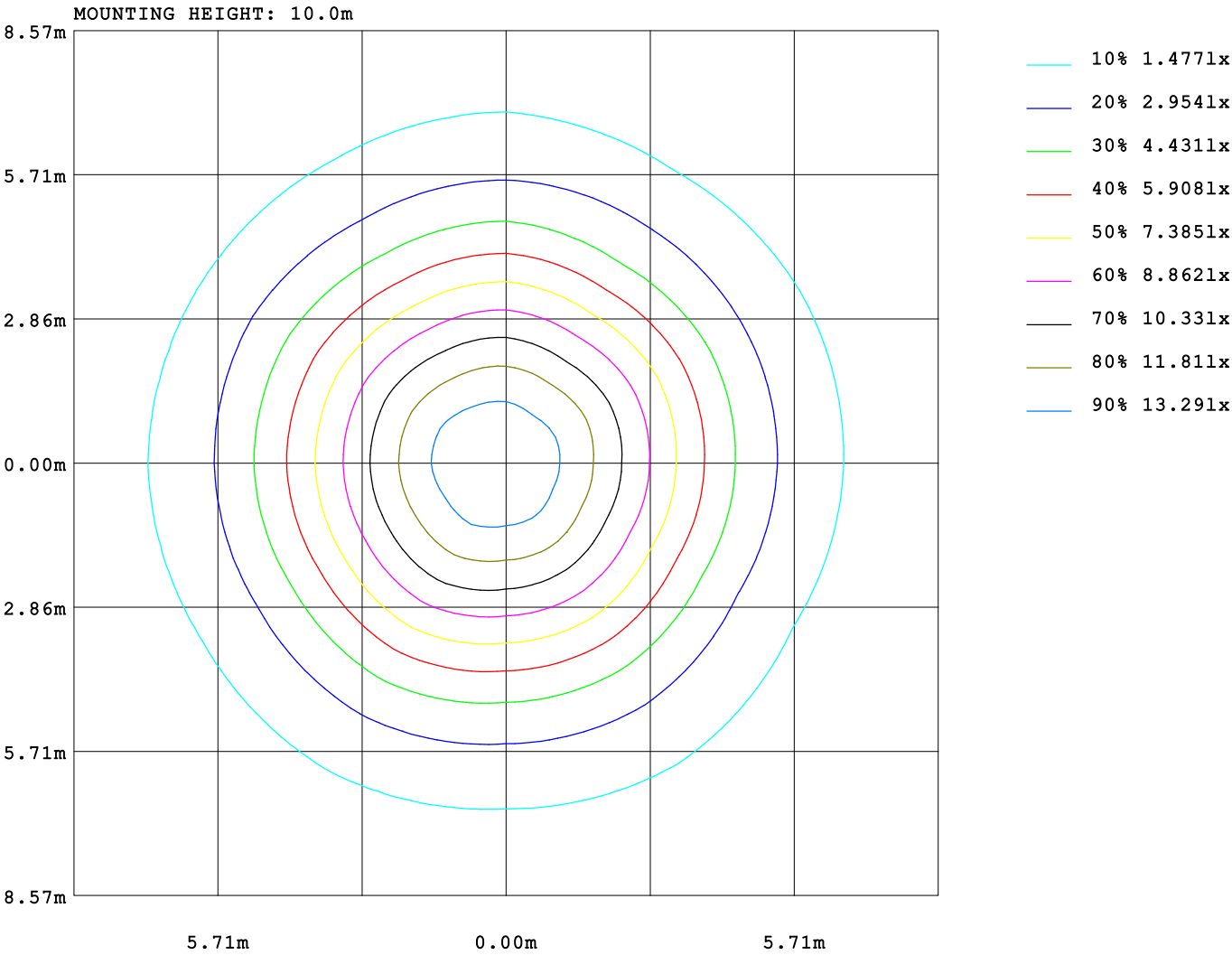
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	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: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: LUKE 12										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: OUTER-75 CUTOUT-70 H-70					MSERIAL No.:				

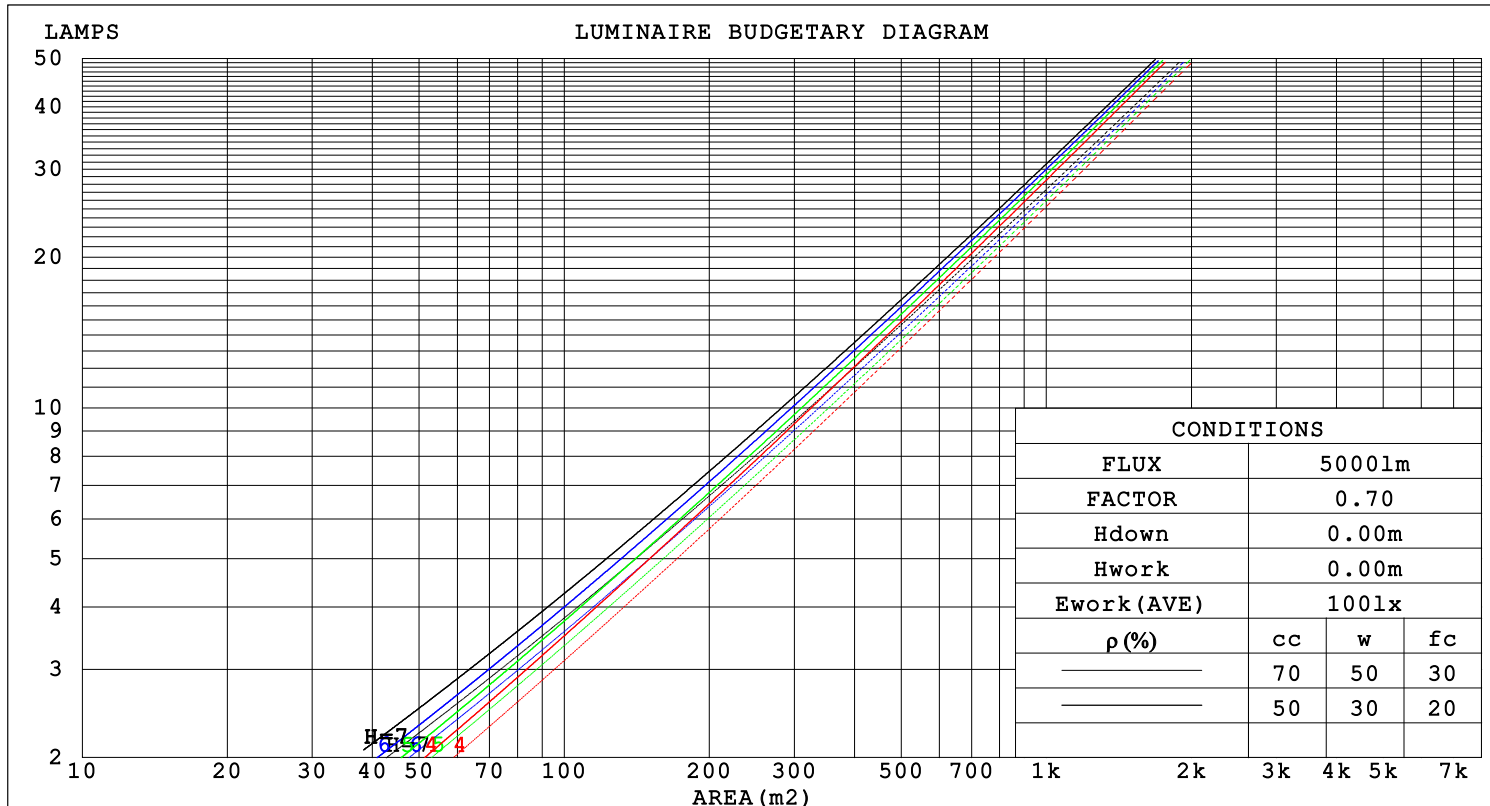
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a	
	0.03	0.05	0.05	0.05	0.04	0.02	0.04	0.07	0.10	0.10	0.07	0.04	0.02	0.03	0.04	0.05	0.04	0.03	0.88	0.00			
64	0.03	0.05	0.06	0.06	0.05	0.03	0.06	0.12	0.17	0.17	0.11	0.05	0.03	0.04	0.05	0.05	0.05	0.03	1.20	0.00			
56	0.03	0.05	0.07	0.08	0.11	0.17	0.30	0.46	0.58	0.56	0.39	0.20	0.09	0.07	0.07	0.06	0.05	0.04	3.37	0.00			
48	0.03	0.05	0.09	0.17	0.36	0.63	1.00	1.49	1.82	1.74	1.29	0.77	0.44	0.21	0.11	0.08	0.06	0.04	10.4	0.00			
40	0.03	0.05	0.13	0.39	0.86	1.64	2.65	3.78	4.58	4.43	3.35	2.12	1.20	0.59	0.24	0.10	0.06	0.04	26.2	16.8			
32	0.03	0.05	0.20	0.68	1.70	3.28	5.45	7.84	9.50	9.28	7.32	4.74	2.61	1.21	0.46	0.14	0.07	0.04	54.6	48.9			
24	0.03	0.06	0.29	1.00	2.66	5.43	9.67	13.7	16.4	16.0	12.5	8.38	4.54	2.02	0.72	0.21	0.07	0.04	94.0	89.7			
VERTICAL (DEG)	0.02	0.07	0.36	1.32	3.49	7.83	14.1	19.7	22.9	22.2	18.2	12.1	6.40	2.78	0.97	0.27	0.08	0.04	133	129			
	0.02	0.07	0.40	1.49	4.08	9.30	16.6	23.4	27.1	26.3	21.5	14.4	7.54	3.24	1.11	0.31	0.09	0.05	157	154			
	0.02	0.06	0.38	1.46	4.04	9.18	16.5	23.2	27.2	26.3	21.2	14.1	7.38	3.17	1.09	0.30	0.08	0.04	156	153			
	0.02	0.05	0.31	1.22	3.37	7.54	13.8	20.0	23.3	22.5	18.1	11.6	5.99	2.59	0.90	0.24	0.07	0.04	132	128			
-24	0.02	0.03	0.23	0.86	2.42	5.26	9.73	14.4	16.7	16.1	12.9	8.17	4.17	1.78	0.61	0.16	0.05	0.04	93.8	89.5			
	0.02	0.02	0.13	0.50	1.48	3.25	5.72	8.31	9.55	9.22	7.54	4.95	2.58	1.05	0.34	0.09	0.04	0.03	54.8	49.8			
-32	0.01	0.02	0.05	0.25	0.76	1.72	2.99	3.98	4.47	4.35	3.65	2.53	1.34	0.55	0.15	0.04	0.03	0.03	26.9	18.8			
-40	0.01	0.01	0.02	0.10	0.34	0.75	1.26	1.63	1.75	1.68	1.45	1.05	0.59	0.24	0.07	0.02	0.03	0.02	11.0	0.00			
-48	0.01	0.01	0.02	0.05	0.12	0.29	0.44	0.50	0.50	0.48	0.44	0.36	0.23	0.10	0.05	0.02	0.02	0.02	3.65	0.00			
-56	0.01	0.01	0.02	0.04	0.08	0.12	0.13	0.12	0.09	0.09	0.11	0.12	0.11	0.07	0.04	0.02	0.02	0.02	1.23	0.00			
-64	0.01	0.01	0.02	0.04	0.07	0.09	0.08	0.06	0.03	0.03	0.06	0.08	0.09	0.07	0.04	0.03	0.02	0.02	0.87	0.00			
-72																							
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)					16	24	32	40	48	56	64	72		
Φ t	0.39	0.73	2.82	9.79	26.0	56.5	101	143	167	162	131	86.0	45.3	19.8	7.07	2.18	0.93	0.62	972				
Φ a	0.00	0.00	0.00	0.61	18.6	50.6	95.2	138	162	157	125	80.3	39.1	11.0	0.00	0.00	0.00	0.00		882			

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: 4000K

Report number:

pcc	80%			70%			50%			30%			10%			0														
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
p _{fc}	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	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93														
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87														
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.81														
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76														
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.71														
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67														
7.0	.76	.70	.66	.75	.69	.66	.74	.69	.65	.73	.68	.65	.71	.68	.65	.63														
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.60														
9.0	.68	.62	.58	.67	.62	.58	.66	.62	.58	.66	.61	.58	.65	.61	.58	.56														
10.0	.65	.59	.55	.64	.59	.55	.63	.58	.55	.63	.58	.55	.62	.58	.55	.53														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 12								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: OUTER-75 CUTOUT-70 H-70				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	.178	.101	.032	.172	.098	.031	.159	.091	.029	.147	.085	.027	.137	.079	.026	
2.0	.169	.093	.028	.163	.090	.028	.153	.085	.026	.143	.080	.025	.134	.076	.024	
3.0	.160	.085	.026	.155	.083	.025	.146	.079	.024	.138	.076	.023	.130	.072	.022	
4.0	.152	.079	.023	.148	.077	.023	.140	.074	.022	.133	.071	.022	.126	.069	.021	
5.0	.144	.074	.021	.141	.072	.021	.134	.070	.021	.128	.067	.020	.122	.065	.020	
6.0	.138	.069	.020	.134	.068	.020	.128	.066	.019	.123	.064	.019	.118	.062	.018	
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.061	.018	.114	.059	.017	
8.0	.125	.061	.017	.123	.061	.017	.118	.059	.017	.114	.058	.017	.110	.056	.016	
9.0	.120	.058	.016	.118	.057	.016	.114	.056	.016	.110	.055	.016	.106	.054	.016	
10.0	.115	.055	.015	.113	.055	.015	.109	.054	.015	.106	.053	.015	.102	.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	.146	.135	.125	.100	.093	.086	.058	.054	.050	.018	.017	.016	
2.0	.156	.133	.113	.133	.114	.098	.091	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.143	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.078	.060	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.116	.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	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.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: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	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	5.5	6.5	5.8	6.6	6.8	6.6	7.6	6.9	7.7	7.9
3H	5.5	6.3	5.7	6.5	6.7	6.5	7.4	6.8	7.6	7.8
4H	5.5	6.3	5.8	6.5	6.8	6.5	7.3	6.7	7.5	7.7
6H	5.7	6.4	6.0	6.7	6.9	6.4	7.2	6.7	7.4	7.6
8H	5.8	6.6	6.1	6.8	7.1	6.4	7.1	6.7	7.4	7.6
12H	6.1	6.8	6.4	7.1	7.3	6.4	7.1	6.7	7.3	7.6
4H 2H	5.3	6.1	5.6	6.4	6.6	6.4	7.2	6.7	7.4	7.7
3H	5.3	6.0	5.6	6.2	6.5	6.3	7.0	6.7	7.3	7.6
4H	5.3	6.0	5.7	6.3	6.6	6.3	7.0	6.7	7.3	7.6
6H	5.6	6.1	5.9	6.4	6.8	6.3	6.9	6.7	7.2	7.6
8H	5.8	6.3	6.2	6.7	7.1	6.3	6.9	6.7	7.2	7.6
12H	6.2	6.7	6.7	7.1	7.5	6.4	6.9	6.8	7.2	7.6
8H 4H	5.3	5.8	5.7	6.1	6.5	6.2	6.8	6.6	7.1	7.5
6H	5.5	5.9	5.9	6.3	6.8	6.4	6.8	6.8	7.2	7.6
8H	5.8	6.2	6.3	6.6	7.1	6.5	6.9	7.0	7.3	7.8
12H	6.4	6.7	6.9	7.2	7.6	6.7	7.0	7.2	7.5	7.9
12H 4H	5.3	5.7	5.7	6.1	6.5	6.2	6.7	6.6	7.0	7.4
6H	5.5	5.9	6.0	6.3	6.8	6.4	6.8	6.8	7.2	7.6
8H	5.9	6.2	6.3	6.6	7.1	6.6	6.9	7.1	7.4	7.8

Variations with the observer position at spacings:		
S = 1.0H	+ 2.4 / - 3.9	+ 2.2 / - 4.9
1.5H	+ 4.3 / - 4.6	+ 4.0 / - 4.9
2.0H	+ 5.2 / - 2.0	+ 5.2 / - 2.8

CIE Pub.117 Corrected 971.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

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: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	79	75	71
0.80	93	87	83	93	87	83	92	86	83	79
1.00	98	92	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	100	96	102	98	95	91
2.00	108	104	100	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	110	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	113	110	109	109	107	106	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

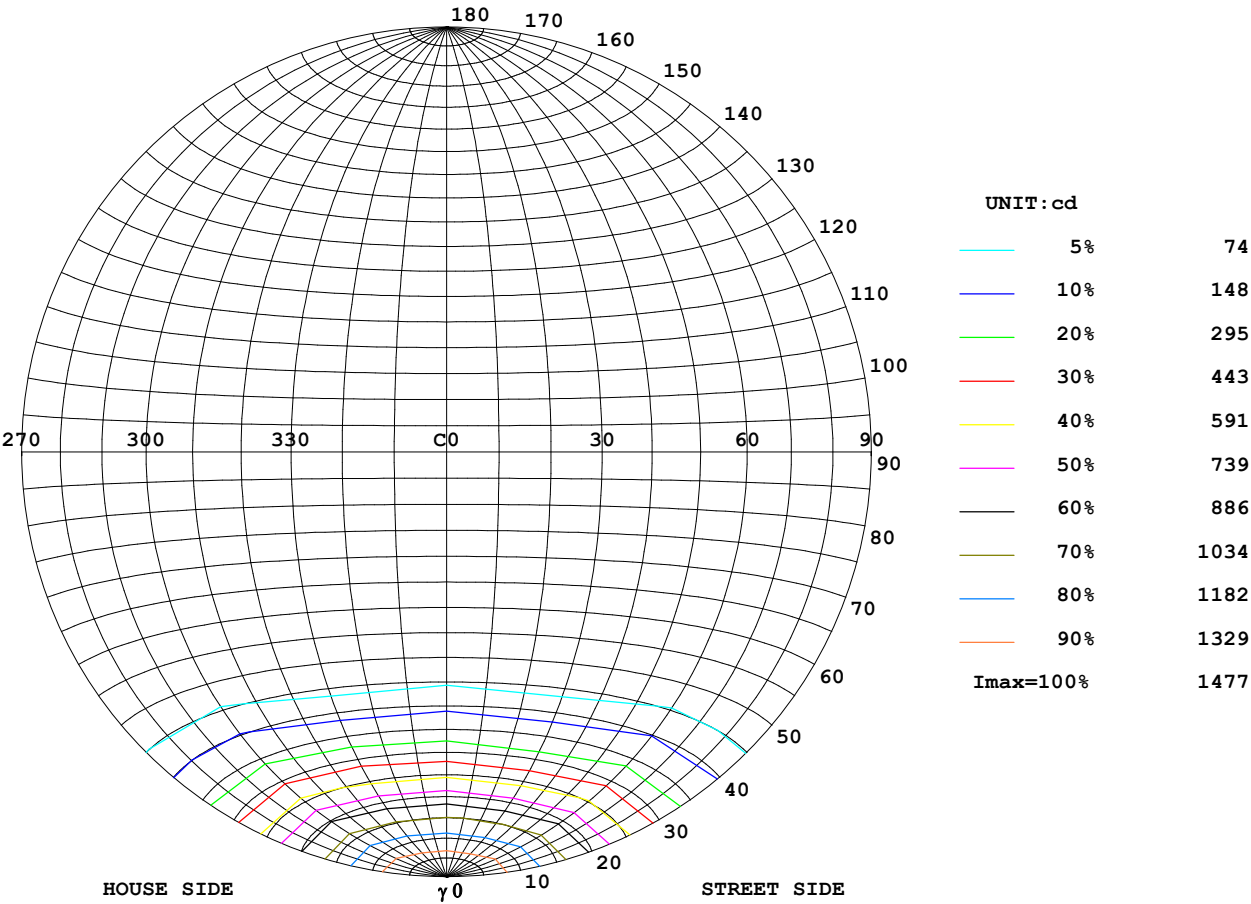
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:



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

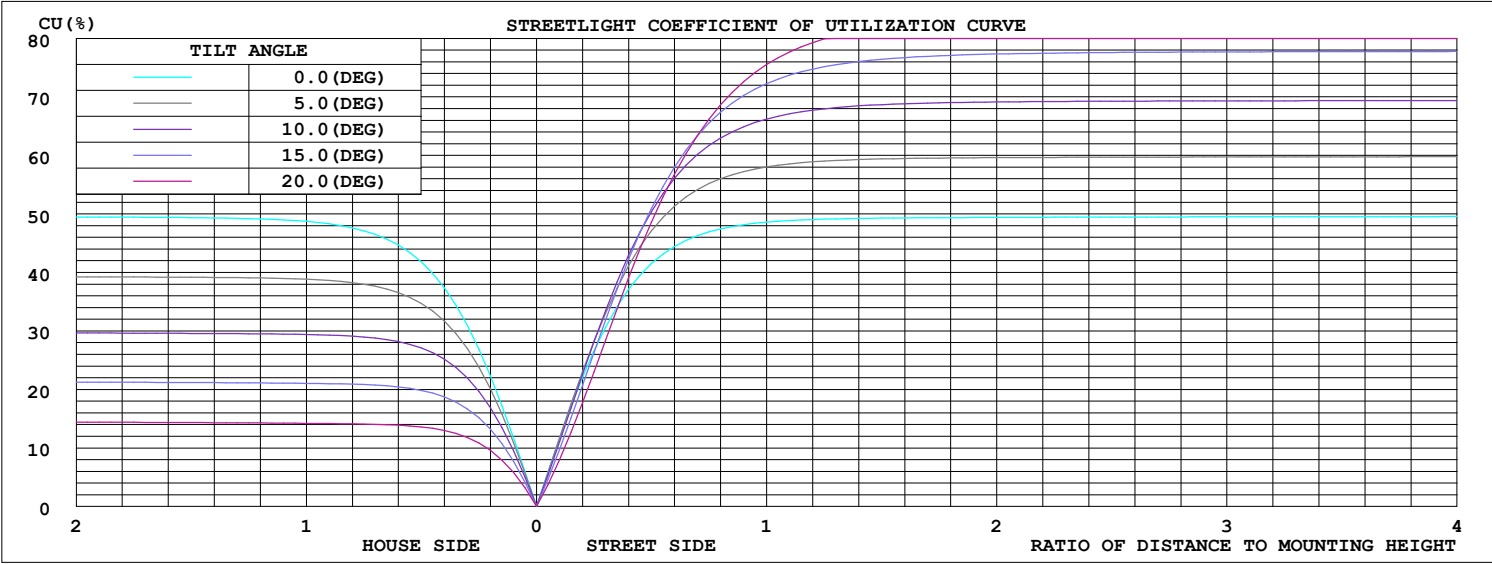
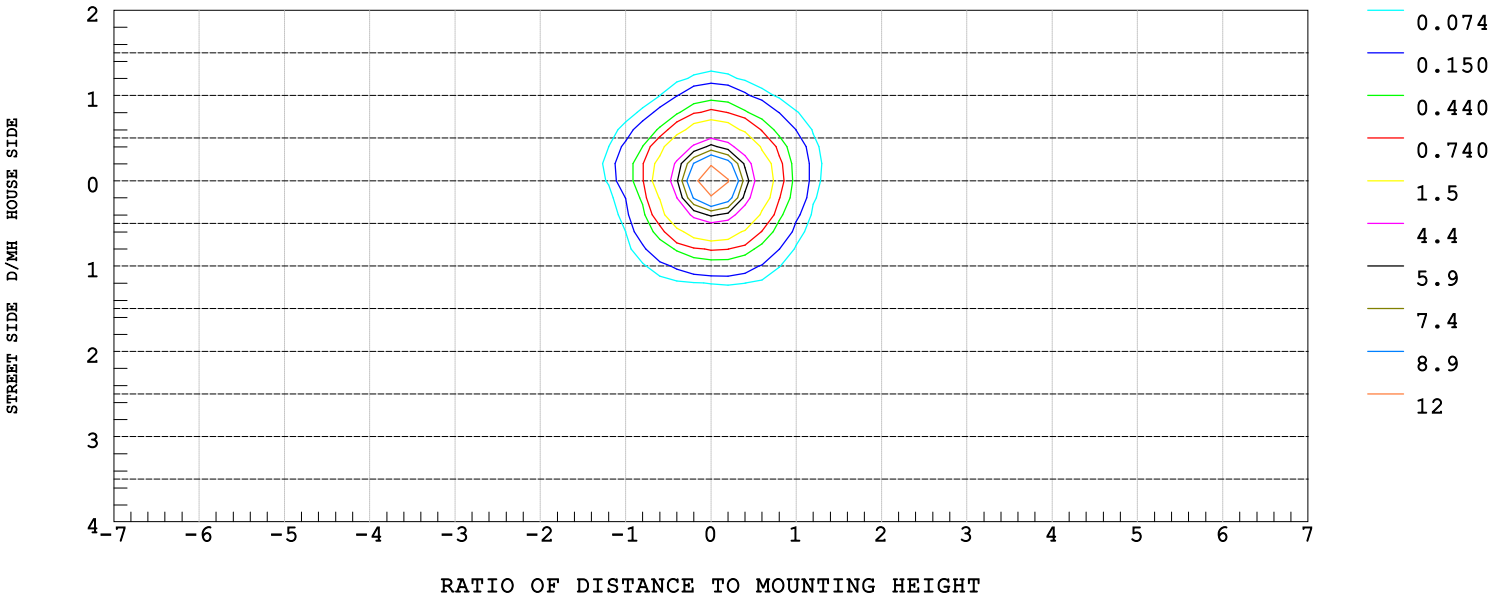
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 14.77 lx



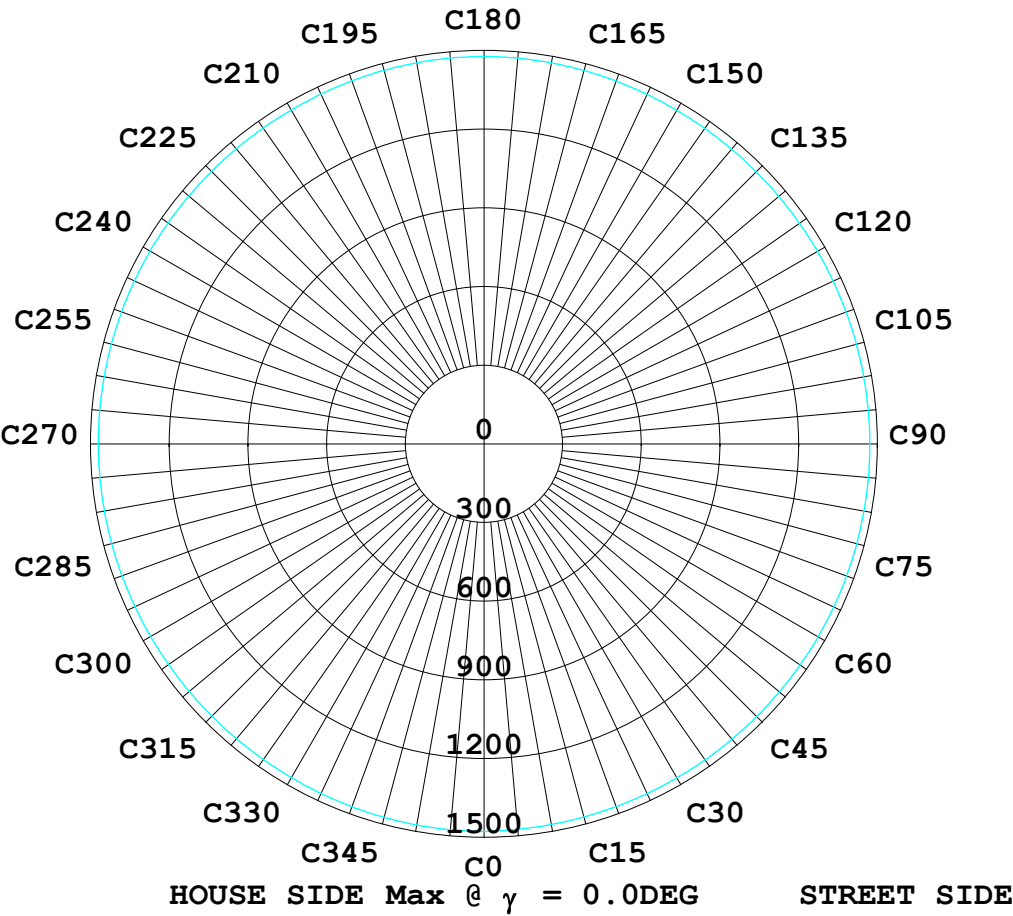
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	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: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1477	1470	1471	1471	1468	1469	1477	1470	1471	1471	1468	1469
5.0	1387	1385	1410	1416	1435	1435	1455	1450	1423	1409	1385	1392
10.0	1230	1230	1269	1281	1324	1319	1337	1337	1296	1279	1247	1252
15.0	1037	1028	1074	1096	1151	1143	1154	1154	1106	1093	1046	1056
20.0	806	790	848	866	932	917	939	937	880	876	816	831
25.0	560	540	599	616	676	662	693	689	630	630	564	581
30.0	365	340	397	404	450	433	456	461	412	414	390	374
35.0	224	205	248	245	273	264	281	270	254	261	214	232
40.0	126	112	144	140	171	155	167	177	146	151	116	131
45.0	65.1	54.6	77.0	71.2	93.6	80.2	87.5	97.8	73.5	79.1	54.6	66.8
50.0	32.5	23.1	37.4	30.2	45.6	34.2	39.8	49.2	32.0	38.9	23.9	33.7
55.0	13.3	6.76	18.1	11.9	23.1	14.1	17.4	24.9	12.8	18.0	5.14	13.4
60.0	8.30	1.80	8.39	1.89	9.20	2.25	4.06	9.56	1.89	8.21	1.44	7.76
65.0	6.76	1.35	6.49	0.99	6.76	1.08	2.79	7.03	1.08	6.40	0.90	6.13
70.0	5.95	1.35	5.59	1.08	5.77	0.99	2.79	5.86	0.99	5.50	0.90	5.32
75.0	5.41	1.44	4.96	1.17	5.14	1.08	2.88	5.23	1.08	4.87	1.08	4.78
80.0	4.87	1.53	4.51	1.26	4.60	1.17	2.97	4.69	1.08	4.42	1.08	4.15
85.0	4.60	1.71	4.15	1.35	4.24	1.35	3.15	4.15	1.26	3.97	1.08	3.88
90.0	4.15	2.25	3.79	1.89	3.79	1.80	4.42	3.70	1.53	3.51	1.53	3.33

Test System:HOPOO HPG1800
Temperature:25.3DEG
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