

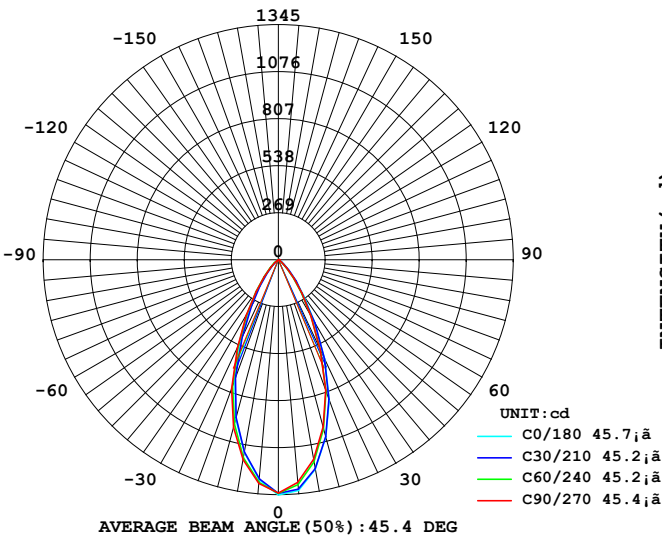
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

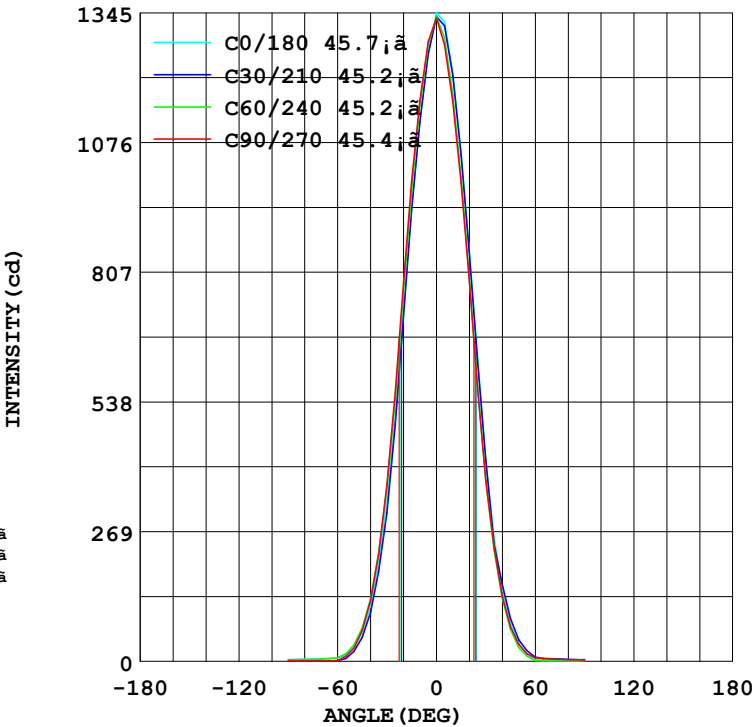
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

DATA OF LAMP		Imax (cd)	1345	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)	881.41	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	71.7	Current (A)	0.055
NOMINAL FLUX (lm)	881.4	η up (%)	0.0	Power (W)	12.30
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.6	Effective Flux (lm)	800.2	EEI	0.192

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:9.000 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 12	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

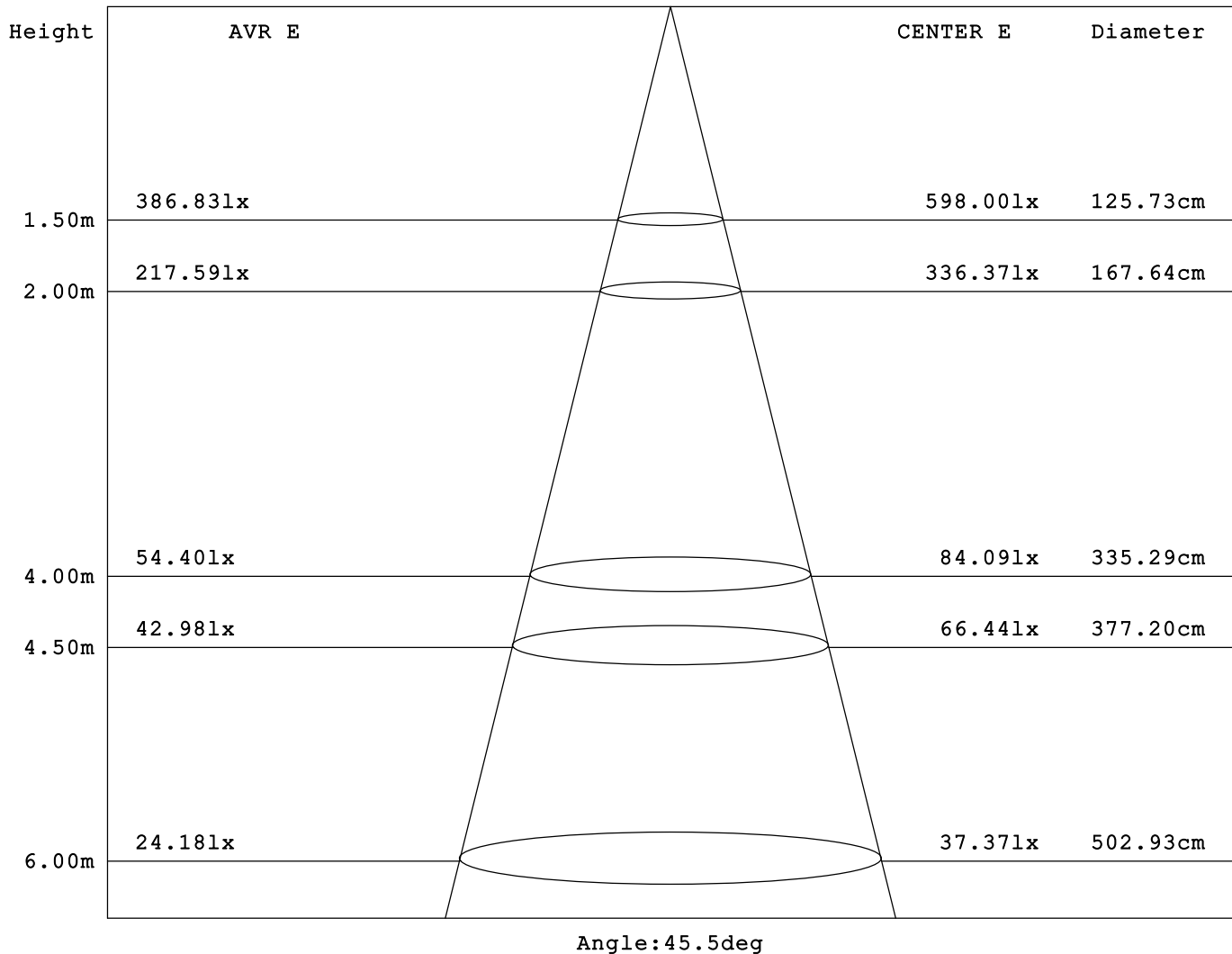
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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 12	TYPE: 3000K 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:9.000 m
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K 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	1120	1136	1163	1198	1219	1196	1161	1131	0- 10	119.0	119.0
20.0	733.0	743.1	785.4	835.8	854.8	825.1	794.3	745.5	10- 20	274.9	393.9
30.0	332.1	334.2	366.3	399.0	414.6	396.1	375.1	343.8	20- 30	259.5	653.5
40.0	114.9	116.1	126.8	147.6	151.7	146.8	137.2	111.9	30- 40	146.7	800.2
50.0	29.56	27.58	27.54	36.24	36.53	37.01	35.31	26.16	40- 50	57.21	857.4
60.0	7.533	4.536	1.701	5.143	3.645	5.184	7.452	4.131	50- 60	14.16	871.6
70.0	5.427	3.118	0.972	3.118	2.430	3.159	5.022	2.875	60- 70	3.780	875.3
80.0	4.374	2.673	1.134	2.592	2.673	2.592	3.969	2.349	70- 80	3.108	878.5
90.0	3.888	2.754	1.701	2.511	3.888	2.430	3.159	2.227	80- 90	2.907	881.4
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: 3000K

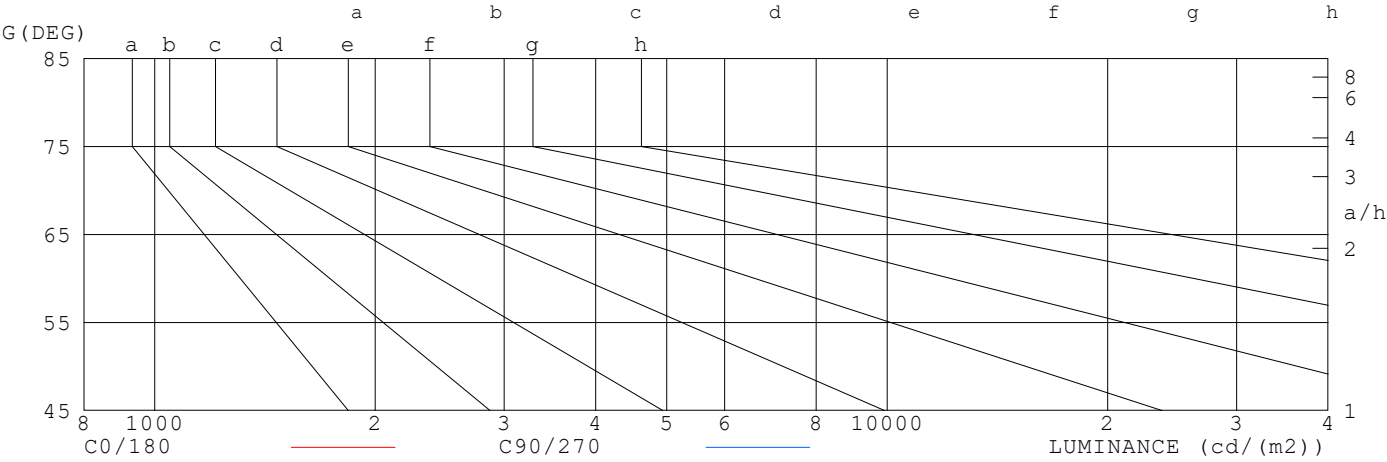
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	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	474	149
80	252	65
75	188	41
70	159	28
65	146	23
60	151	34
55	210	189
50	460	428
45	840	915

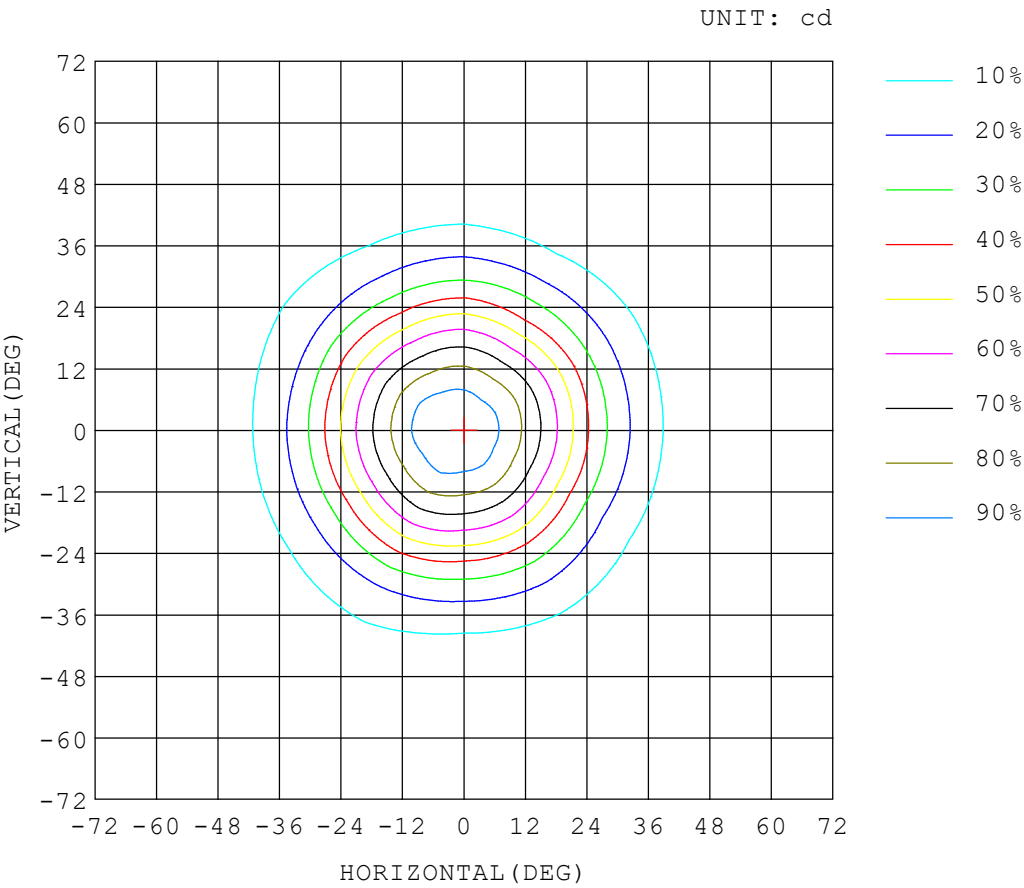
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:



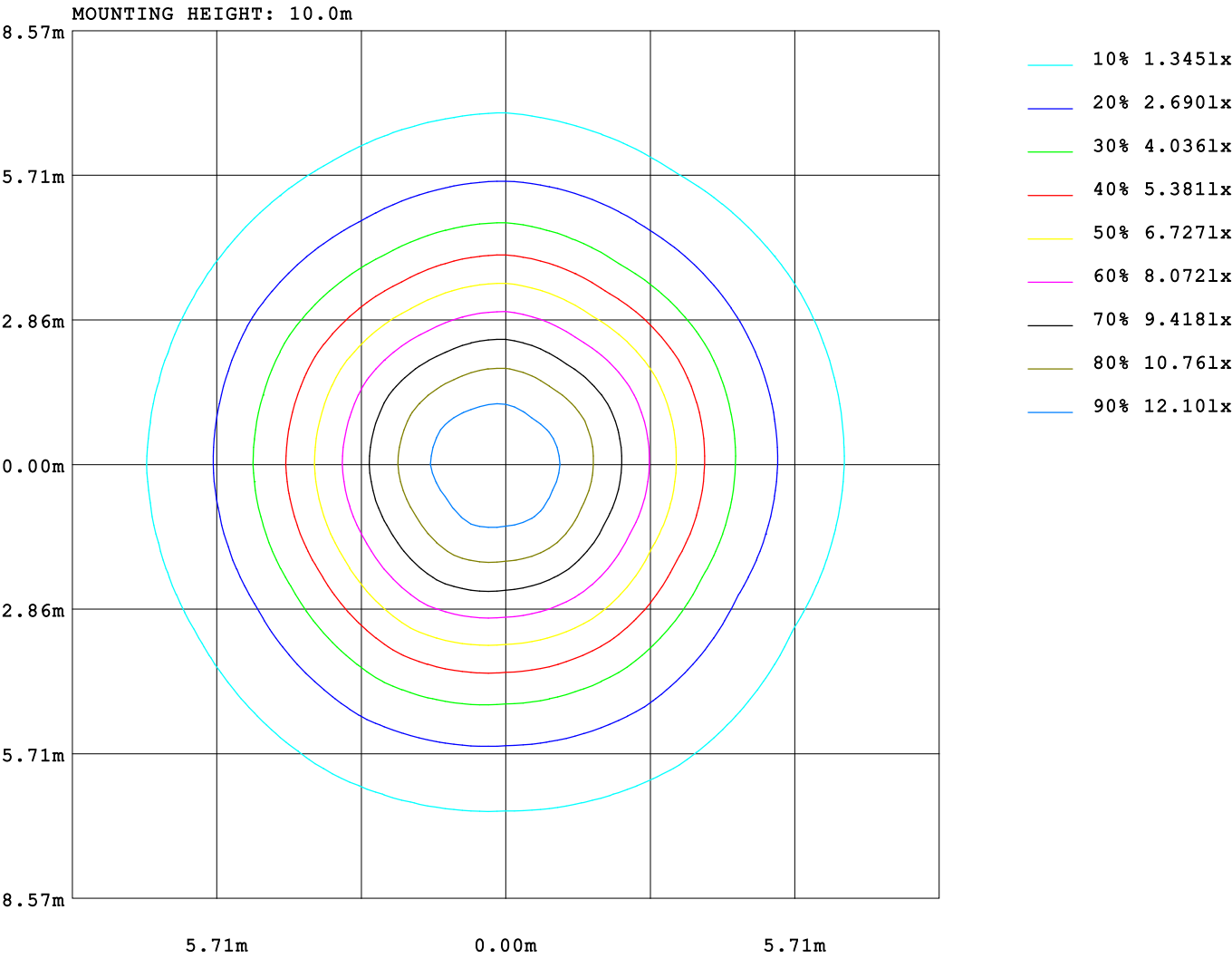
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K 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:9.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: LUKE 12										TYPE: 3000K 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	0.04	0.05	0.04	0.03	0.02	0.04	0.07	0.09	0.09	0.06	0.04	0.02	0.03	0.04	0.04	0.04	0.03	0.80	0.00		
64	0.03	0.04	0.05	0.05	0.04	0.03	0.06	0.11	0.15	0.15	0.10	0.05	0.02	0.04	0.05	0.05	0.04	0.03	1.09	0.00		
56	0.03	0.05	0.07	0.07	0.10	0.16	0.27	0.42	0.53	0.50	0.35	0.18	0.08	0.07	0.06	0.06	0.05	0.03	3.05	0.00		
48	0.03	0.05	0.08	0.16	0.33	0.57	0.91	1.35	1.65	1.58	1.17	0.70	0.40	0.19	0.10	0.07	0.05	0.03	9.44	0.00		
40	0.03	0.05	0.11	0.36	0.78	1.49	2.41	3.44	4.16	4.01	3.04	1.92	1.09	0.54	0.22	0.09	0.06	0.04	23.8	15.2		
32	0.03	0.05	0.19	0.62	1.54	2.97	4.94	7.11	8.61	8.39	6.60	4.27	2.37	1.09	0.42	0.13	0.06	0.04	49.4	44.2		
24	0.02	0.05	0.27	0.92	2.42	4.90	8.77	12.5	14.9	14.5	11.3	7.57	4.11	1.83	0.65	0.19	0.07	0.04	85.1	81.3		
VERTICAL (DEG)	0.02	0.06	0.33	1.20	3.17	7.10	12.8	17.9	20.8	20.2	16.5	11.0	5.80	2.52	0.88	0.24	0.07	0.04	121	117		
	0.02	0.06	0.36	1.36	3.71	8.45	15.1	21.3	24.7	23.8	19.5	13.1	6.84	2.95	1.01	0.28	0.08	0.04	143	140		
	0.02	0.06	0.35	1.33	3.68	8.34	15.0	21.1	24.6	23.9	19.3	12.8	6.71	2.88	0.99	0.27	0.08	0.04	142	139		
	0.02	0.05	0.29	1.11	3.06	6.83	12.4	18.1	21.1	20.4	16.4	10.5	5.44	2.35	0.82	0.21	0.06	0.04	120	116		
-24	0.02	0.03	0.21	0.78	2.19	4.76	8.80	13.0	15.1	14.6	11.7	7.41	3.78	1.62	0.56	0.15	0.05	0.03	85.0	81.1		
	0.01	0.02	0.12	0.46	1.34	2.93	5.15	7.51	8.65	8.36	6.84	4.49	2.35	0.96	0.31	0.08	0.04	0.03	49.6	45.1		
-32	0.01	0.02	0.05	0.23	0.69	1.56	2.70	3.59	4.05	3.94	3.31	2.30	1.22	0.50	0.14	0.04	0.03	0.02	24.4	17.0		
-40	0.01	0.01	0.02	0.09	0.31	0.68	1.14	1.48	1.59	1.53	1.32	0.96	0.53	0.22	0.06	0.02	0.02	0.02	10.0	0.00		
-48	0.01	0.01	0.02	0.04	0.11	0.26	0.40	0.46	0.46	0.44	0.40	0.33	0.21	0.09	0.04	0.02	0.02	0.02	3.32	0.00		
-56	0.01	0.01	0.02	0.04	0.07	0.11	0.12	0.11	0.08	0.08	0.10	0.11	0.10	0.07	0.04	0.02	0.02	0.02	1.11	0.00		
-64	0.01	0.01	0.02	0.04	0.06	0.08	0.08	0.06	0.03	0.03	0.05	0.07	0.08	0.06	0.04	0.02	0.01	0.02	0.78	0.00		
-72	0.01	0.01	0.02	0.04	0.06	0.08	0.08	0.06	0.03	0.03	0.05	0.07	0.08	0.06	0.04	0.02	0.01	0.02	0.78	0.00		
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.35	0.66	2.57	8.92	23.6	51.2	91.2	130	152	147	118	78.0	41.2	18.0	6.43	1.97	0.84	0.56	881			
Φ a	0.00	0.00	0.00	0.56	16.8	45.8	86.3	125	147	142	114	72.9	35.5	10.0	0.00	0.00	0.00	0.00		800		

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

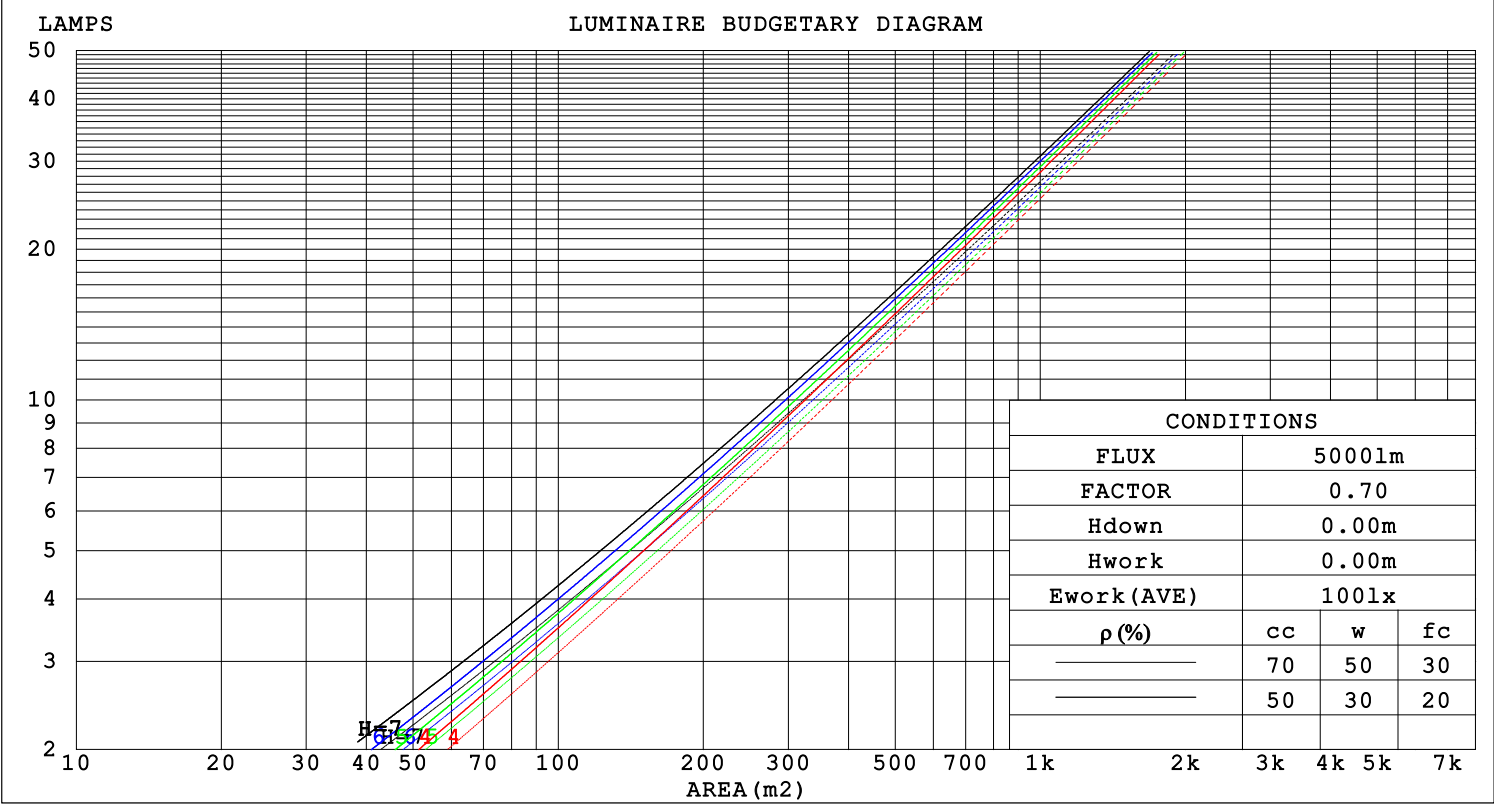
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 12								TYPE: 3000K 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
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	1.09	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	.69	.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 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: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: LUKE 12								TYPE: 3000K 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	.068	.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	.051	.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:9.000 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: LUKE 12					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: OUTER-75 CUTOUT-70 H-70			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	3H	5.2	6.2	5.4	6.3	6.5	6.3	7.2	6.5	7.4	7.6
	4H	5.2	6.0	5.5	6.2	6.5	6.2	7.0	6.4	7.2	7.4
	6H	5.2	6.0	5.5	6.2	6.5	6.1	6.9	6.4	7.1	7.4
	8H	5.3	6.1	5.6	6.3	6.6	6.1	6.8	6.4	7.1	7.3
	12H	5.5	6.2	5.8	6.5	6.7	6.0	6.8	6.3	7.0	7.3
	12H	5.7	6.4	6.1	6.7	7.0	6.0	6.7	6.4	7.0	7.3
4H	2H	5.0	5.8	5.3	6.0	6.3	6.1	6.9	6.4	7.1	7.3
	3H	5.0	5.7	5.3	5.9	6.2	6.0	6.7	6.3	7.0	7.2
	4H	5.0	5.6	5.4	5.9	6.2	6.0	6.6	6.3	6.9	7.2
	6H	5.2	5.8	5.6	6.1	6.5	6.0	6.6	6.4	6.9	7.2
	8H	5.5	6.0	5.8	6.3	6.7	6.0	6.5	6.4	6.9	7.2
	12H	5.9	6.4	6.3	6.7	7.1	6.1	6.5	6.5	6.9	7.3
8H	4H	4.9	5.5	5.3	5.8	6.2	5.9	6.4	6.3	6.8	7.1
	6H	5.2	5.6	5.6	6.0	6.4	6.0	6.5	6.5	6.9	7.3
	8H	5.5	5.8	5.9	6.3	6.7	6.2	6.6	6.6	7.0	7.4
	12H	6.0	6.4	6.5	6.8	7.3	6.4	6.7	6.8	7.1	7.6
12H	4H	4.9	5.4	5.3	5.8	6.2	5.9	6.3	6.3	6.7	7.1
	6H	5.2	5.6	5.6	6.0	6.4	6.0	6.4	6.5	6.8	7.3
	8H	5.5	5.8	6.0	6.3	6.7	6.2	6.6	6.7	7.0	7.5
Variations with the observer position at spacings:											
S = 1.0H		+ 2.5 / - 4.0					+ 2.3 / - 5.0				
1.5H		+ 4.3 / - 4.8					+ 4.0 / - 5.0				
2.0H		+ 5.3 / - 2.0					+ 5.2 / - 2.8				

CIE Pub.117 Corrected 881.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

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: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS										
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019										
NAME: LUKE 12					TYPE: 3000K 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	

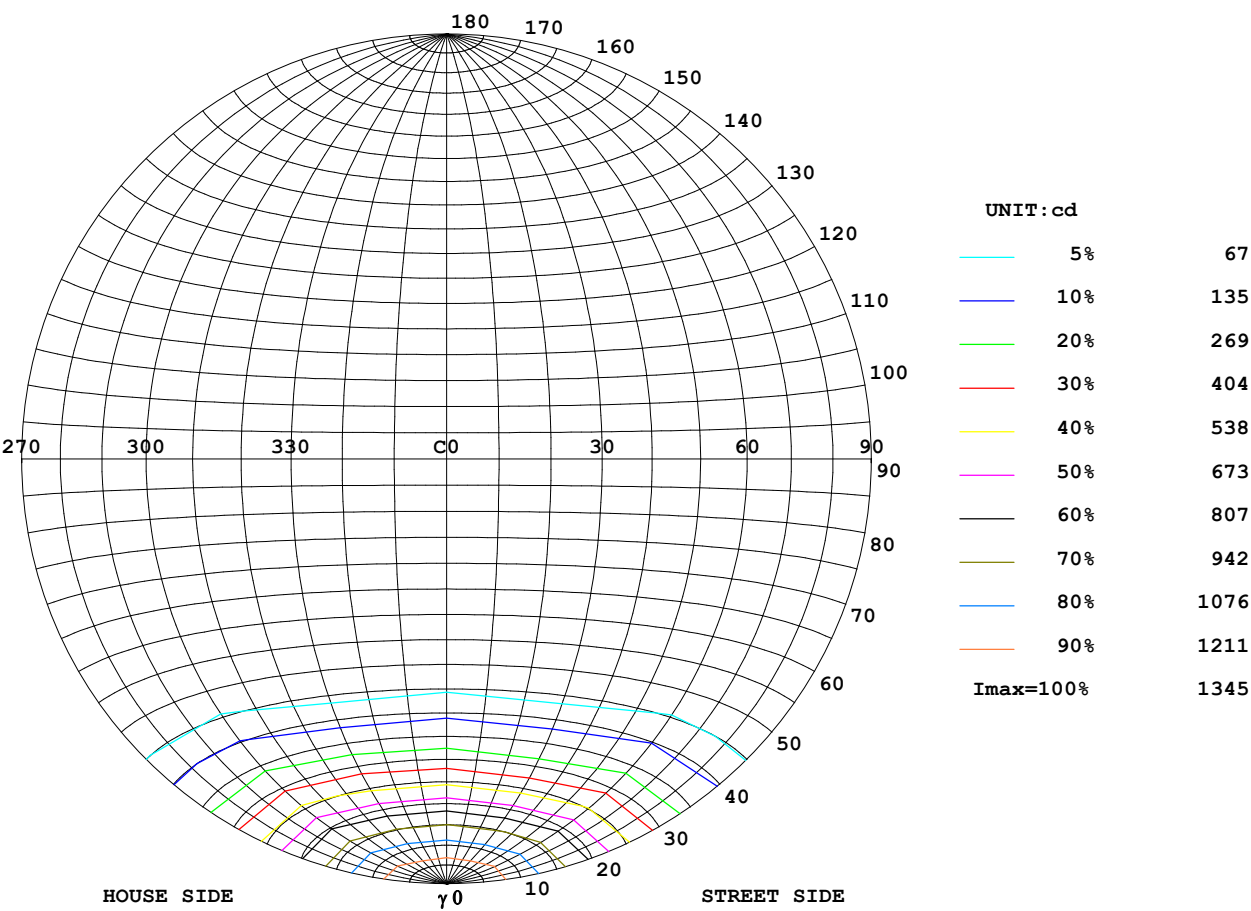
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K 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

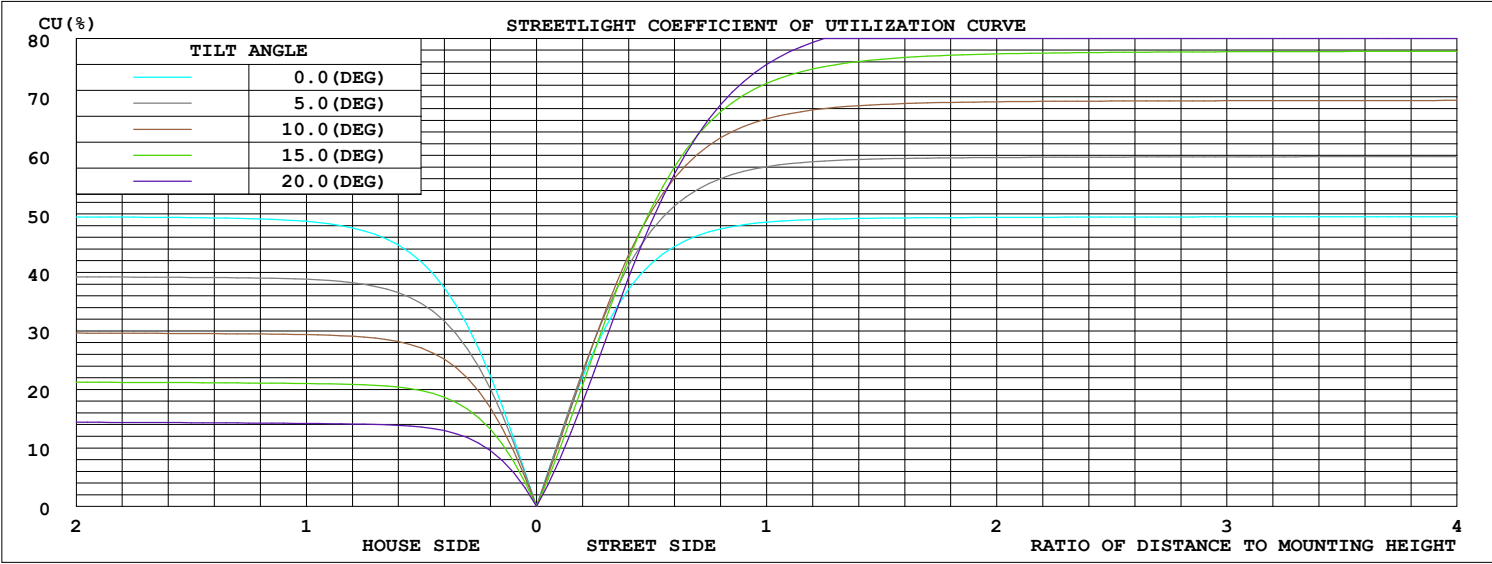
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: OUTER-75 CUTOUT-70 H-70	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 13.45 lx



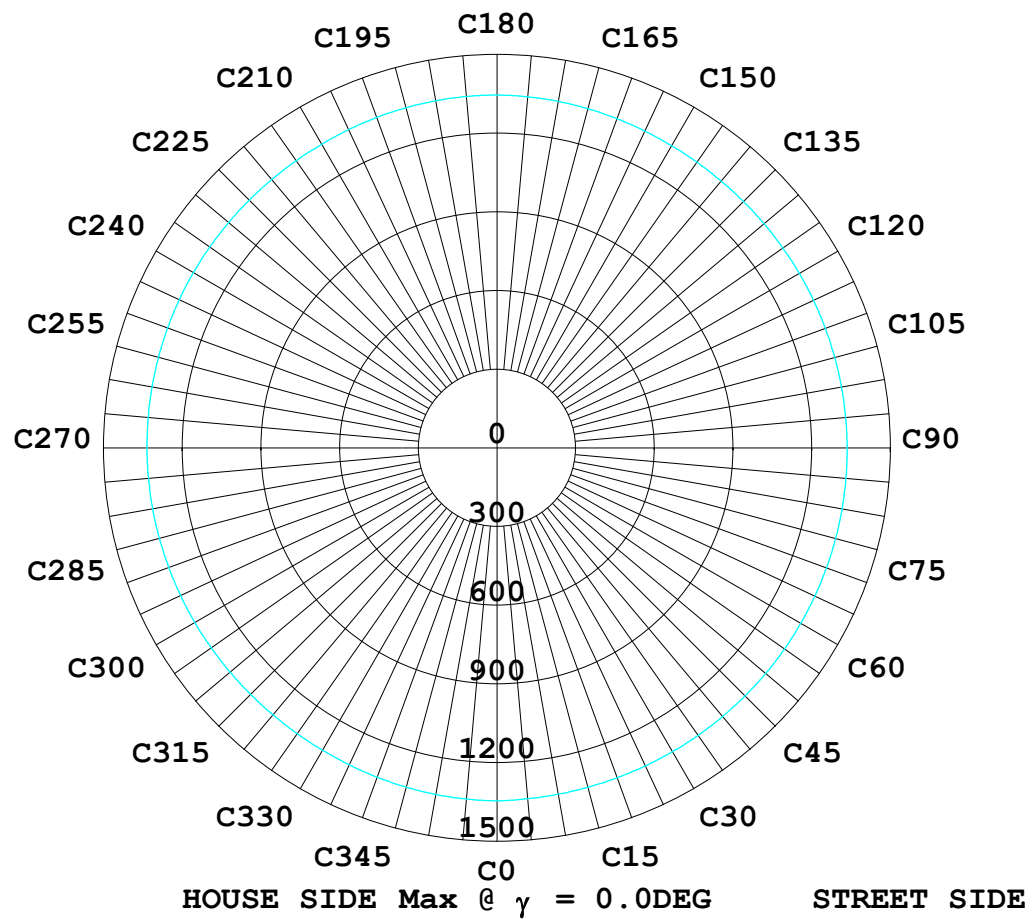
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-06-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUKE 12	TYPE: 3000K 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:9.000 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 12	TYPE: 3000K 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	1345	1337	1337	1335	1331	1331	1345	1337	1337	1335	1331	1331
5.0	1264	1260	1280	1285	1300	1300	1326	1319	1293	1279	1256	1260
10.0	1120	1119	1152	1163	1201	1195	1219	1215	1176	1161	1129	1134
15.0	942	935	974	995	1041	1034	1052	1050	1004	991	948	957
20.0	733	717	769	785	842	829	855	851	799	794	740	751
25.0	509	490	543	558	612	598	631	625	572	570	511	526
30.0	332	309	360	366	406	392	415	418	374	375	349	338
35.0	203	186	225	222	244	239	256	242	231	237	194	210
40.0	115	102	131	127	155	140	152	161	133	137	105	119
45.0	59.3	49.8	70.1	64.7	84.9	72.6	80.0	89.0	66.9	71.8	49.5	60.5
50.0	29.5	21.1	34.0	27.5	41.3	31.1	36.5	44.8	29.1	35.3	21.7	30.6
55.0	12.0	6.15	16.5	10.8	20.9	12.9	15.9	22.6	11.7	16.3	4.69	12.1
60.0	7.53	1.53	7.53	1.70	8.26	2.02	3.64	8.66	1.70	7.45	1.29	6.96
65.0	6.15	1.13	5.83	0.97	6.07	0.97	2.51	6.31	0.97	5.83	0.89	5.58
70.0	5.42	1.21	5.02	0.97	5.26	0.97	2.43	5.34	0.97	5.02	0.89	4.86
75.0	4.86	1.29	4.45	1.05	4.53	1.05	2.59	4.69	0.97	4.37	0.89	4.29
80.0	4.37	1.29	4.05	1.13	4.13	1.05	2.67	4.13	1.05	3.96	0.97	3.72
85.0	4.13	1.53	3.72	1.29	3.80	1.21	2.91	3.72	1.05	3.56	0.97	3.48
90.0	3.88	2.02	3.48	1.70	3.40	1.62	3.88	3.32	1.53	3.15	1.37	3.07

Test System:HOPOO HPG1800
Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
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