

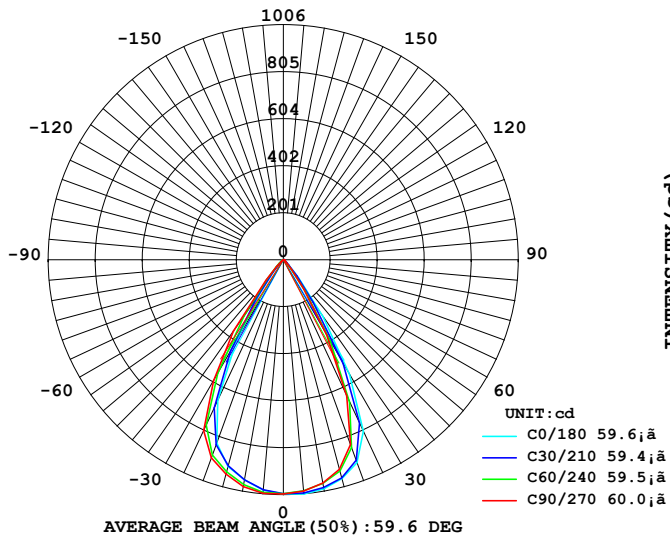
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

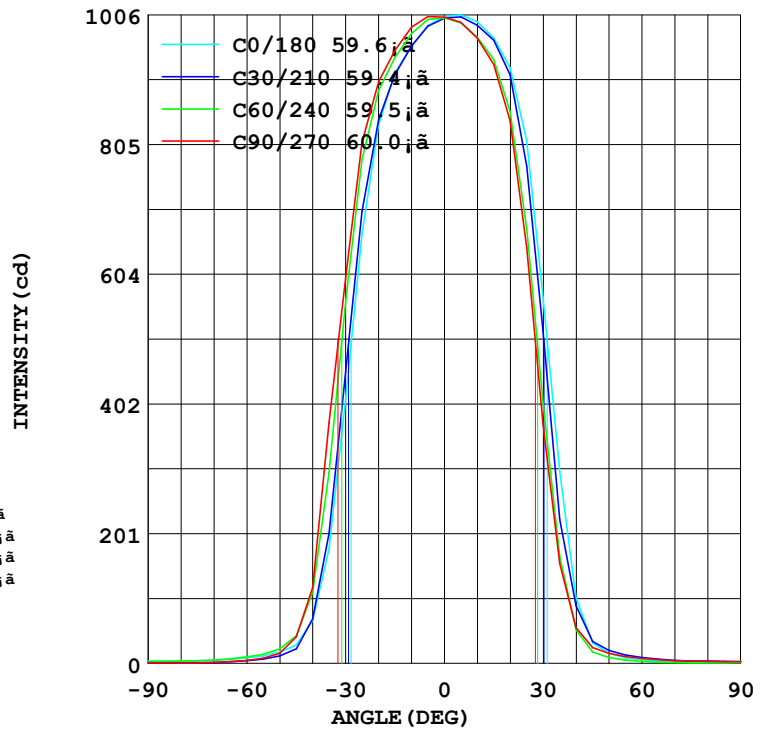
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1008	S/MH (C0/180)	0.83
MODEL	GE 50	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.95
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	892.17	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	112.2	Current (A)	0.035
NOMINAL FLUX (lm)	892.2	η up (%)	0.0	Power (W)	7.950
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.978
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	842.5	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

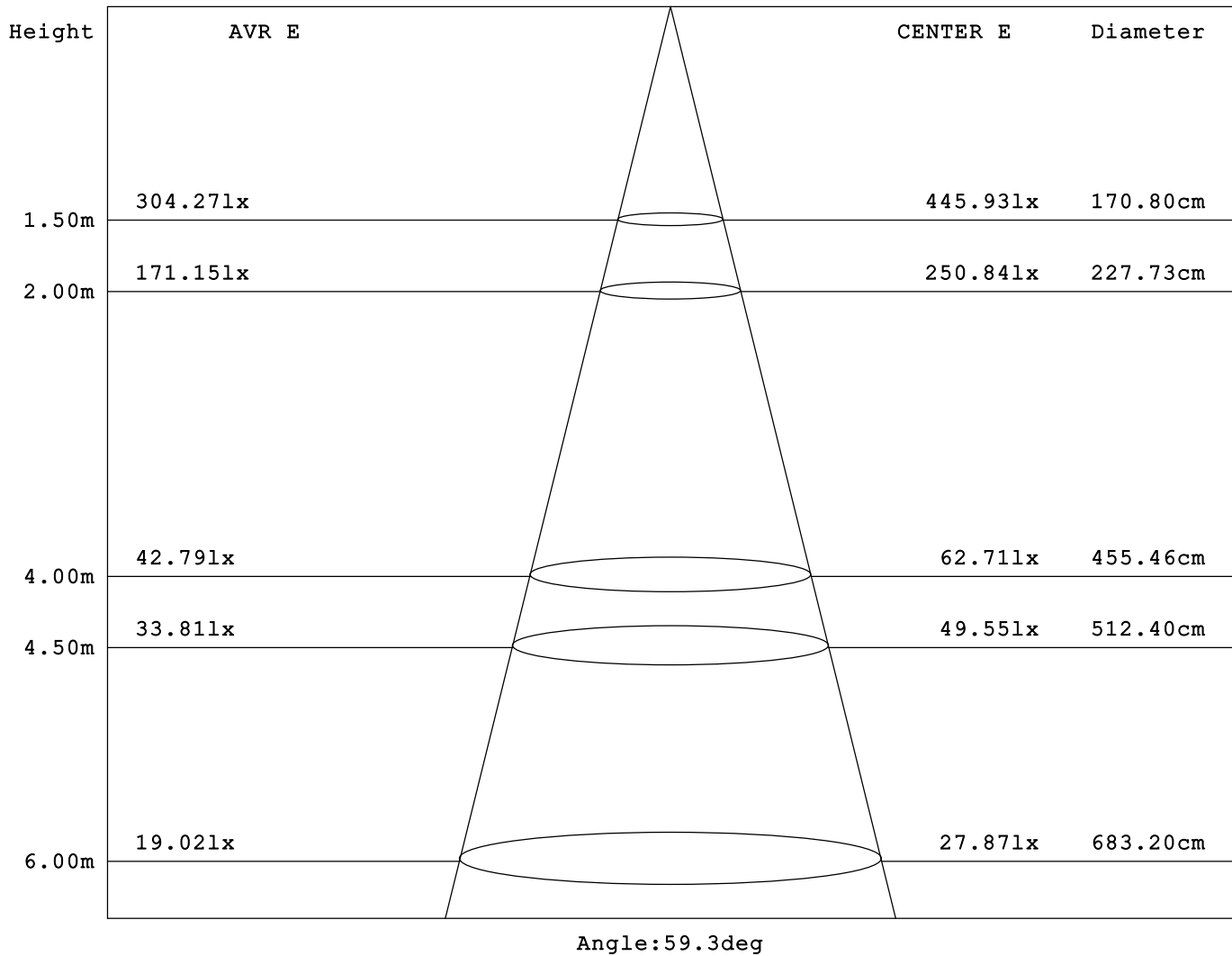
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	957.1	967.3	986.8	999.0	995.4	980.8	970.2	955.2	0- 10	94.50	94.50
20.0	835.5	865.9	902.2	926.8	923.9	884.6	841.6	818.9	10- 20	263.2	357.7
30.0	409.7	506.5	597.6	619.1	567.4	459.3	370.5	379.8	20- 30	322.7	680.4
40.0	66.98	89.86	117.8	129.0	101.8	70.87	55.48	49.41	30- 40	161.1	841.6
50.0	17.41	16.96	15.71	20.29	15.47	14.58	15.38	11.90	40- 50	31.12	872.7
60.0	8.748	7.209	4.941	7.654	5.751	6.237	7.533	5.386	50- 60	9.427	882.1
70.0	4.941	3.402	1.701	3.604	2.835	2.956	4.131	2.511	60- 70	4.704	886.8
80.0	3.888	2.430	0.972	2.268	2.268	2.187	3.159	1.903	70- 80	2.792	889.6
90.0	3.645	2.470	1.458	2.268	3.321	1.944	2.511	1.782	80- 90	2.489	892.1
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:07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	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	428	112
80	224	56
75	160	38
70	144	50
65	151	69
60	175	99
55	208	144
50	271	244
45	403	588

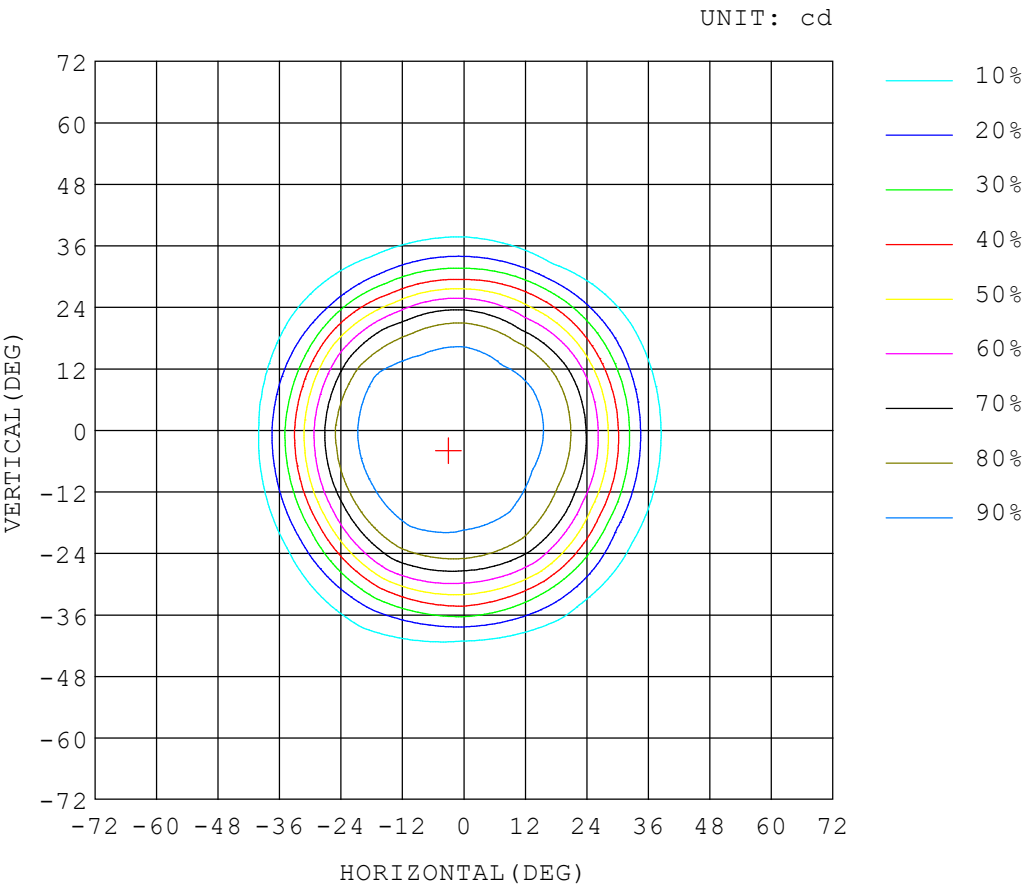
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



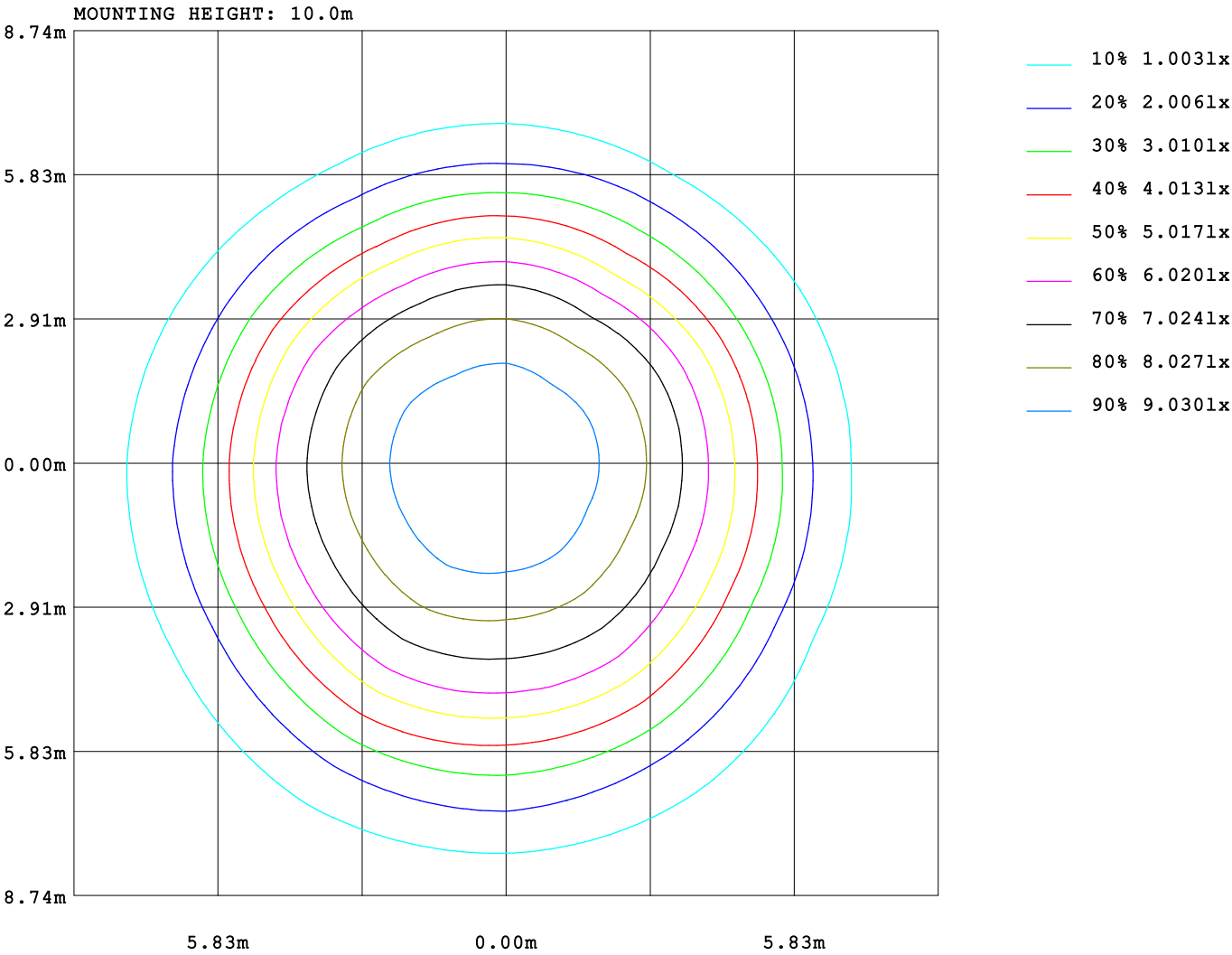
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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: GE 50										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-66 CUTOUT-56 H-62 MM					SERIAL No.:				

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.04	0.04	0.03	0.02	0.04	0.06	0.08	0.08	0.06	0.04	0.02	0.03	0.03	0.03	0.03	0.02	0.71	0.00		
64	0.02	0.04	0.05	0.05	0.05	0.05	0.07	0.10	0.14	0.14	0.10	0.06	0.04	0.04	0.04	0.04	0.04	0.03	1.09	0.00		
56	0.02	0.04	0.06	0.08	0.09	0.09	0.13	0.19	0.24	0.24	0.18	0.11	0.08	0.08	0.07	0.06	0.04	0.03	1.83	0.00		
48	0.02	0.05	0.09	0.13	0.16	0.21	0.27	0.46	0.61	0.59	0.41	0.23	0.17	0.14	0.11	0.08	0.05	0.03	3.78	0.00		
40	0.02	0.05	0.11	0.19	0.31	0.57	1.12	2.04	2.77	2.63	1.70	0.85	0.43	0.24	0.16	0.10	0.06	0.03	13.3	7.21		
32	0.03	0.06	0.12	0.27	0.68	1.92	4.47	7.39	9.19	8.92	6.76	3.61	1.37	0.49	0.23	0.12	0.07	0.03	45.7	42.1		
24	0.03	0.06	0.14	0.38	1.52	5.01	10.3	14.0	15.7	15.3	12.8	8.70	3.72	1.04	0.31	0.15	0.07	0.04	89.5	86.9		
VERTICAL (DEG)	0.03	0.06	0.16	0.56	2.76	8.72	14.8	17.5	18.4	18.1	16.5	12.8	6.60	1.84	0.44	0.17	0.08	0.04	120	117		
	0.03	0.06	0.16	0.70	3.91	10.9	16.4	18.6	19.3	19.0	17.7	14.7	8.47	2.52	0.53	0.18	0.09	0.04	133	131		
	0.02	0.06	0.16	0.72	4.11	11.2	16.5	18.6	19.4	19.1	17.7	14.8	8.72	2.62	0.54	0.18	0.08	0.04	135	133		
	0.02	0.05	0.14	0.58	3.21	9.64	15.5	18.1	18.9	18.6	17.1	13.6	7.32	2.04	0.43	0.15	0.07	0.04	126	124		
	0.02	0.05	0.11	0.37	1.87	6.59	12.7	16.4	17.4	17.0	15.3	10.7	4.71	1.19	0.28	0.12	0.06	0.03	105	103		
	0.02	0.04	0.08	0.22	0.85	3.19	7.66	11.5	13.1	12.7	10.3	6.09	2.23	0.55	0.18	0.09	0.05	0.03	69.1	66.4		
	0.01	0.03	0.06	0.14	0.38	1.12	2.77	4.74	6.01	5.73	4.04	2.11	0.80	0.29	0.12	0.06	0.04	0.02	28.5	24.5		
	0.01	0.02	0.04	0.09	0.20	0.42	0.77	1.09	1.24	1.16	0.93	0.61	0.35	0.18	0.09	0.04	0.03	0.02	7.30	0.66		
	0.01	0.02	0.03	0.07	0.13	0.22	0.29	0.30	0.29	0.28	0.28	0.26	0.20	0.12	0.06	0.03	0.02	0.02	2.63	0.00		
	0.01	0.01	0.02	0.05	0.09	0.14	0.15	0.14	0.12	0.12	0.14	0.14	0.13	0.08	0.05	0.02	0.01	0.02	1.43	0.00		
-24	0.01	0.01	0.02	0.04	0.06	0.09	0.09	0.07	0.05	0.05	0.07	0.08	0.09	0.06	0.04	0.02	0.01	0.02	0.89	0.00		
-32																						
-40																						
-48																						
-56																						
-64																						
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	0.36	0.74	1.59	4.68	20.4	60.1	104	132	143	140	122	89.7	45.4	13.5	3.70	1.63	0.90	0.51	892			
Φ a	0.00	0.00	0.00	0.00	15.6	56.7	101	129	140	137	119	86.4	41.8	8.28	0.00	0.00	0.00	0.00		843		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2025

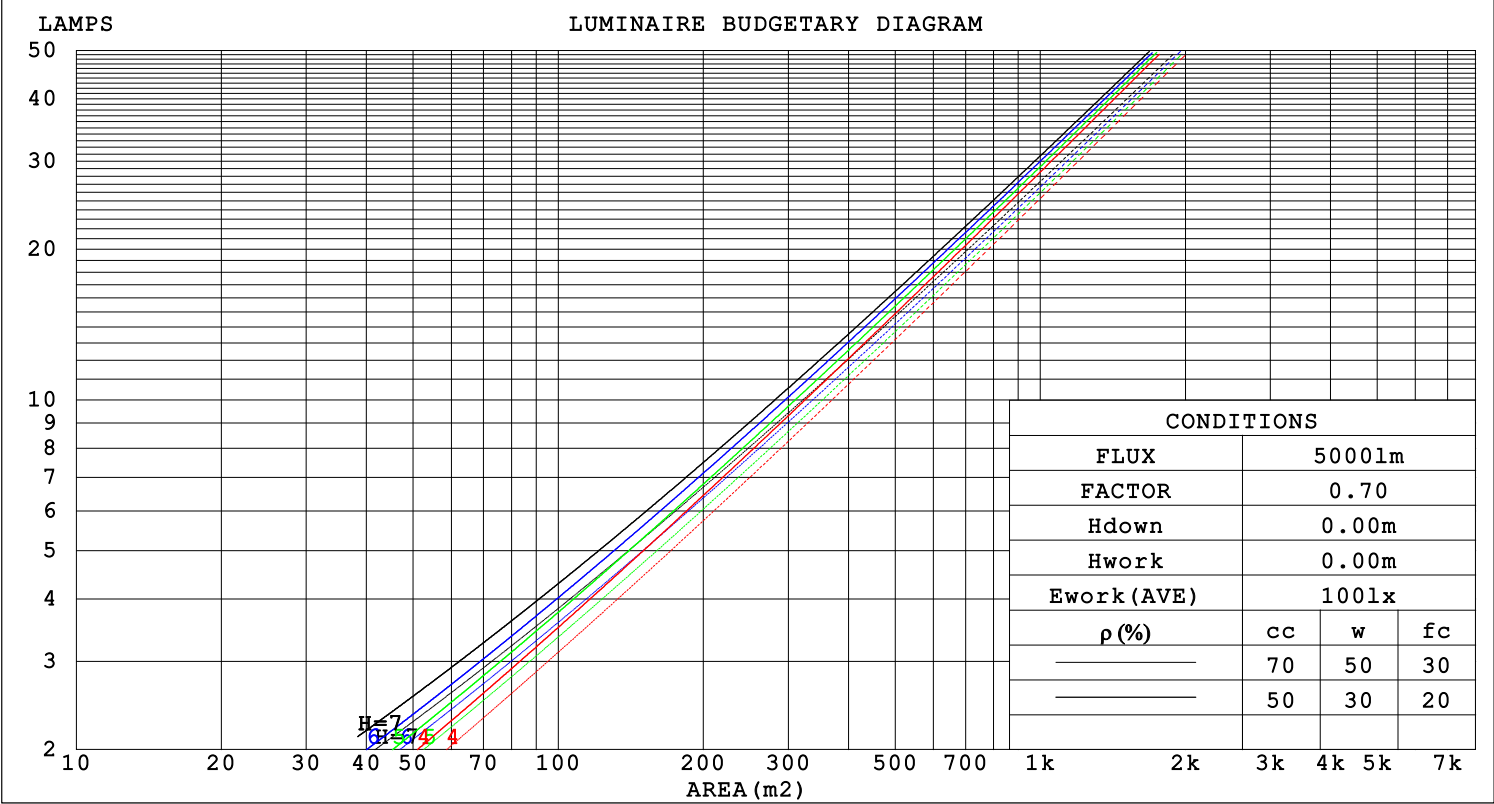
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GE 50								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-66 CUTOUT-56 H-62 MM				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
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	1.01	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.96	.92	.88	.95	.91	.87	.92	.89	.86	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.78	.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	.73	.69	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.60	.67	.63	.60	.59
9.0	.67	.61	.57	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
10.0	.64	.58	.54	.63	.58	.54	.62	.57	.54	.62	.57	.54	.61	.57	.54	.52



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: GE 50								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM 250 MA								DIMENSION: D-66 CUTOUT-56 H-62 MM				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	.178	.101	.032	.172	.098	.031	.159	.091	.029	.147	.085	.027	.137	.079	.026	
2.0	.169	.093	.028	.164	.090	.028	.153	.085	.026	.143	.080	.025	.134	.076	.024	
3.0	.161	.085	.026	.156	.083	.025	.147	.080	.024	.138	.076	.023	.131	.072	.022	
4.0	.153	.079	.023	.148	.078	.023	.141	.075	.022	.133	.072	.022	.127	.069	.021	
5.0	.145	.074	.021	.142	.073	.021	.135	.070	.021	.129	.068	.020	.123	.066	.020	
6.0	.139	.069	.020	.135	.068	.020	.130	.066	.019	.124	.064	.019	.119	.063	.019	
7.0	.132	.066	.019	.130	.065	.018	.124	.063	.018	.119	.061	.018	.115	.060	.018	
8.0	.127	.062	.017	.124	.061	.017	.120	.060	.017	.115	.058	.017	.111	.057	.017	
9.0	.122	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.055	.016	
10.0	.117	.056	.016	.115	.055	.015	.111	.054	.015	.107	.053	.015	.104	.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	.134	.114	.098	.092	.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	.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	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.095	.061	.037	.066	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.105	.064	.036	.090	.056	.032	.062	.039	.022	.036	.023	.013	.012	.008	.004	
9.0	.100	.059	.031	.086	.051	.027	.059	.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:07-22-2025

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: GE 50					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-66 CUTOUT-56 H-62 MM			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	3.9	4.8	4.1	5.0	5.2	7.7	8.7	7.9	8.8	9.0
	3H	3.9	4.7	4.1	4.9	5.1	7.6	8.4	7.8	8.6	8.8
	4H	3.9	4.7	4.2	4.9	5.2	7.5	8.3	7.8	8.5	8.8
	6H	4.1	4.8	4.4	5.1	5.3	7.4	8.2	7.7	8.4	8.7
	8H	4.2	5.0	4.6	5.2	5.5	7.4	8.1	7.7	8.4	8.6
	12H	4.5	5.2	4.9	5.5	5.8	7.4	8.1	7.7	8.3	8.6
4H	2H	3.7	4.5	4.0	4.8	5.0	7.5	8.3	7.8	8.5	8.7
	3H	3.7	4.4	4.0	4.7	5.0	7.4	8.1	7.7	8.4	8.6
	4H	3.8	4.4	4.1	4.7	5.0	7.3	8.0	7.7	8.3	8.6
	6H	4.0	4.6	4.4	4.9	5.3	7.3	7.9	7.7	8.2	8.5
	8H	4.3	4.8	4.7	5.1	5.5	7.3	7.8	7.7	8.1	8.5
	12H	4.7	5.2	5.2	5.6	6.0	7.3	7.7	7.7	8.1	8.5
8H	4H	3.7	4.2	4.1	4.6	4.9	7.2	7.7	7.6	8.1	8.5
	6H	4.0	4.4	4.4	4.8	5.2	7.3	7.7	7.7	8.1	8.5
	8H	4.3	4.7	4.7	5.1	5.5	7.3	7.7	7.8	8.1	8.5
	12H	4.9	5.3	5.4	5.7	6.2	7.4	7.7	7.8	8.1	8.6
12H	4H	3.7	4.2	4.1	4.6	4.9	7.2	7.6	7.6	8.0	8.4
	6H	4.0	4.4	4.5	4.8	5.2	7.2	7.6	7.7	8.0	8.5
	8H	4.4	4.7	4.8	5.1	5.6	7.3	7.6	7.8	8.1	8.6
Variations with the observer position at spacings:											
S = 1.0H		+ 1.8 / - 2.3					+ 2.9 / - 4.4				
1.5H		+ 3.6 / - 2.6					+ 5.1 / - 4.6				
2.0H		+ 2.5 / - 1.2					+ 3.7 / - 1.8				

CIE Pub.117 Corrected 892.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	81	78	74
0.80	95	90	86	95	89	86	94	89	85	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	102	98	95	101	97	94	90
1.50	106	101	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	108	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	108	106	105	98
5.00	115	113	111	113	111	109	109	108	106	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

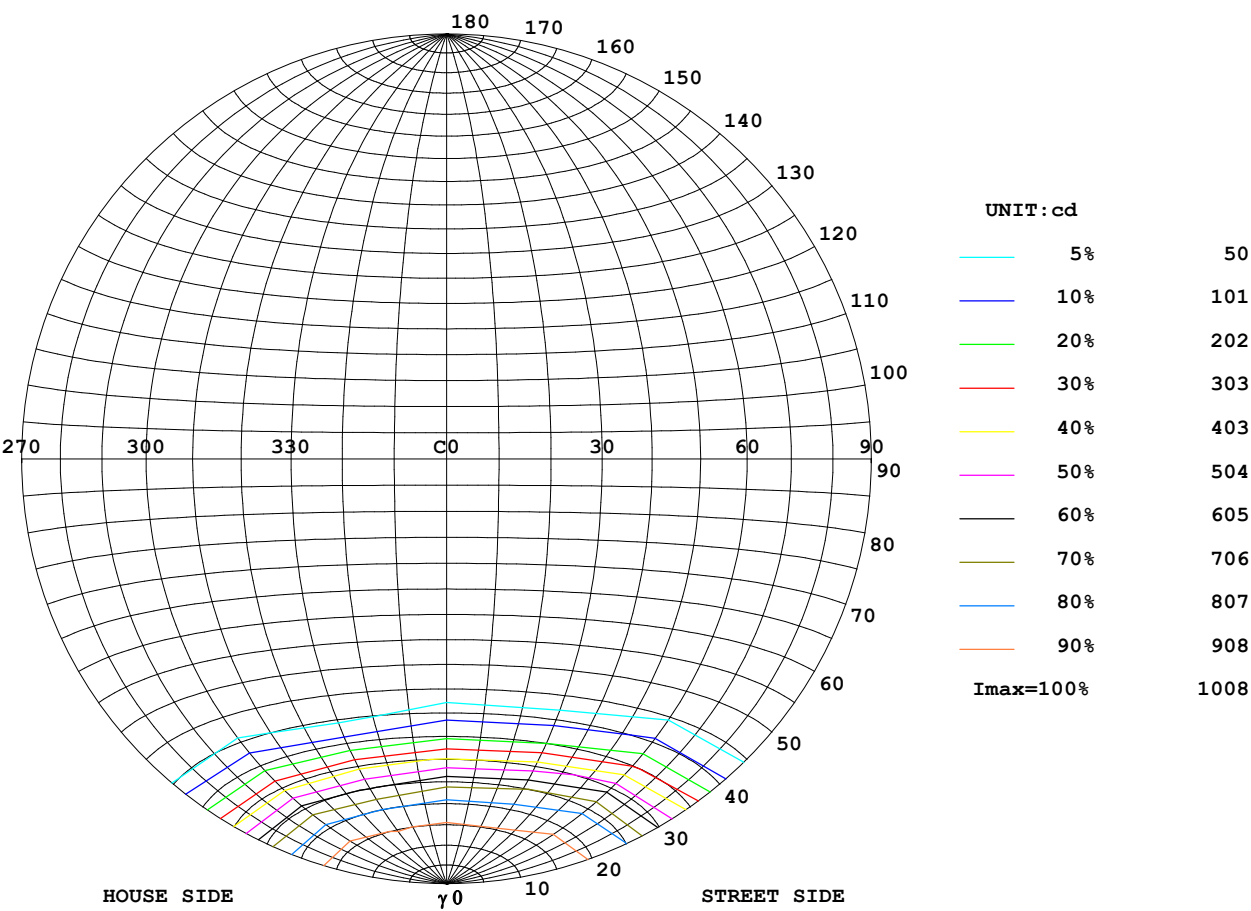
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

Test Set: 5.0 deg/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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

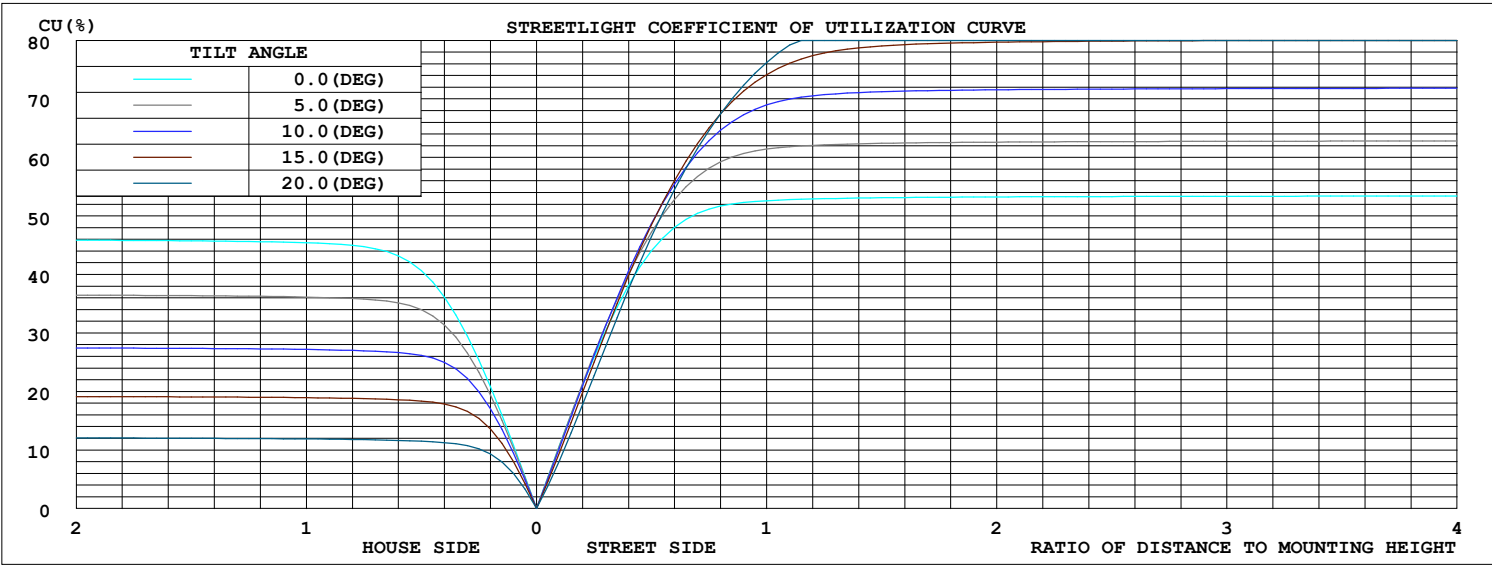
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 10.03 lx



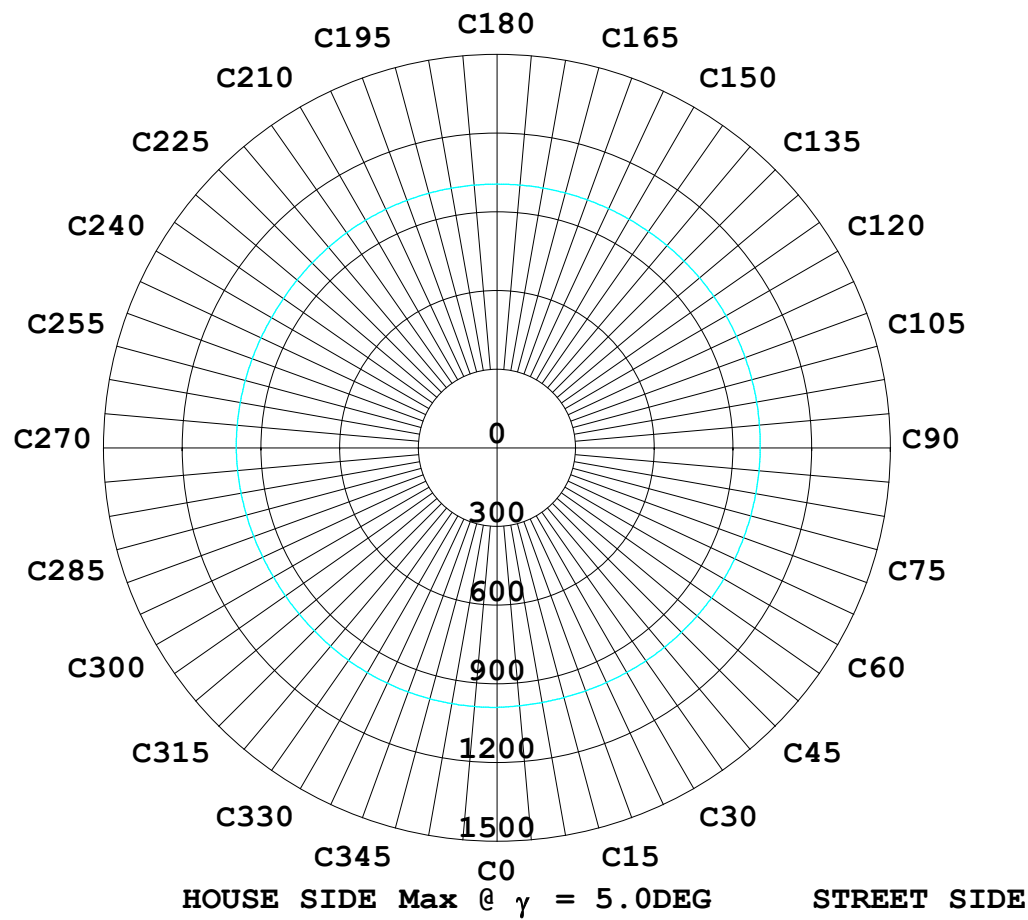
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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: GE 50	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1003	1001	1001	1002	1001	1003	1003	1001	1001	1002	1001	1003
5.0	989	989	999	1003	1008	1007	1006	1003	993	994	985	990
10.0	957	958	977	987	1001	997	995	990	972	970	953	958
15.0	916	913	940	951	973	966	970	967	937	929	904	917
20.0	836	843	889	902	932	922	924	913	856	842	806	832
25.0	665	700	781	808	845	817	810	771	674	645	599	648
30.0	410	452	561	598	646	592	567	515	404	371	374	385
35.0	177	201	295	373	374	312	298	223	166	155	123	162
40.0	66.9	69.0	111	118	147	111	102	89.5	52.2	55.4	38.9	59.8
45.0	28.5	22.6	42.8	41.5	57.5	35.7	31.3	33.8	17.5	24.6	14.8	25.6
50.0	17.4	11.5	22.3	15.7	25.6	14.9	15.4	19.9	9.23	15.3	7.85	15.9
55.0	11.9	6.80	14.3	8.26	15.6	7.85	8.74	12.9	5.42	10.6	4.69	10.9
60.0	8.74	4.29	10.1	4.94	10.6	4.69	5.75	9.23	3.24	7.53	2.91	7.85
65.0	6.39	2.59	7.20	2.91	7.61	2.83	3.96	6.64	1.86	5.58	1.62	5.67
70.0	4.94	1.45	5.34	1.70	5.58	1.62	2.83	4.86	1.05	4.13	0.73	4.29
75.0	4.13	1.13	4.05	0.97	4.29	0.89	2.18	3.88	0.81	3.56	0.73	3.56
80.0	3.88	1.21	3.64	0.97	3.64	0.89	2.26	3.48	0.89	3.15	0.65	3.15
85.0	3.72	1.37	3.40	0.97	3.40	1.05	2.43	3.07	0.89	2.91	0.81	2.83
90.0	3.64	1.86	3.07	1.45	3.07	1.45	3.32	2.75	1.13	2.51	1.05	2.51

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K