

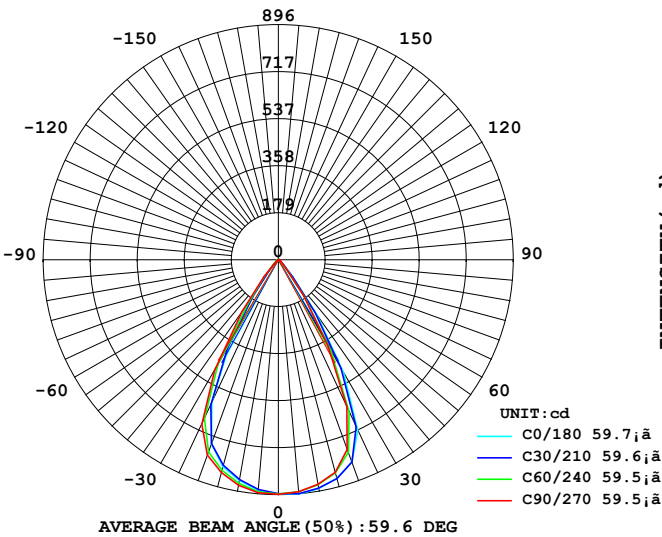
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

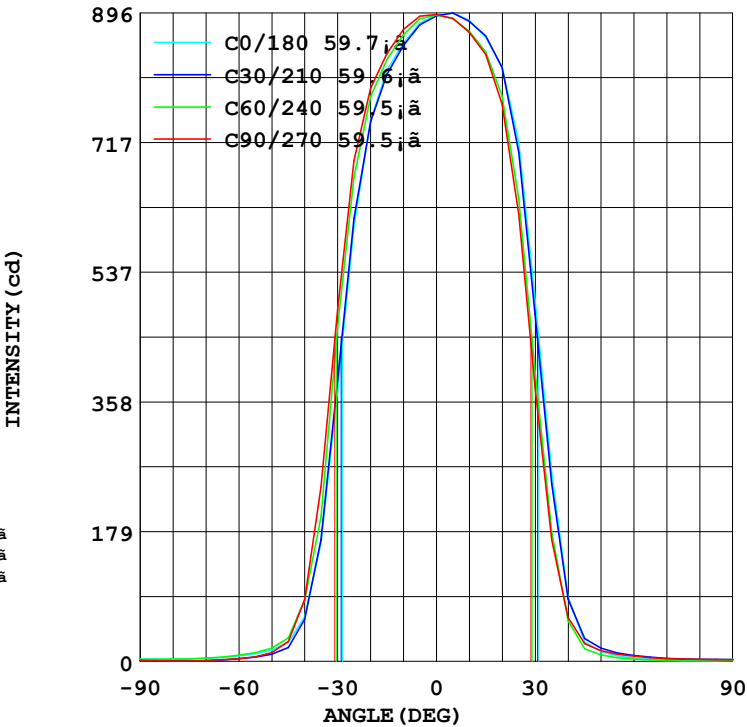
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	897.6	S/MH (C0/180)	0.84
MODEL	GE 50	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.89
NOMINAL POWER (W)	8	TOTAL FLUX (lm)	792.25	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	99.7	Current (A)	0.036
NOMINAL FLUX (lm)	792.3	η up (%)	0.0	Power (W)	7.950
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.979
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	746.2	EEI	0.131

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: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: GE 50	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

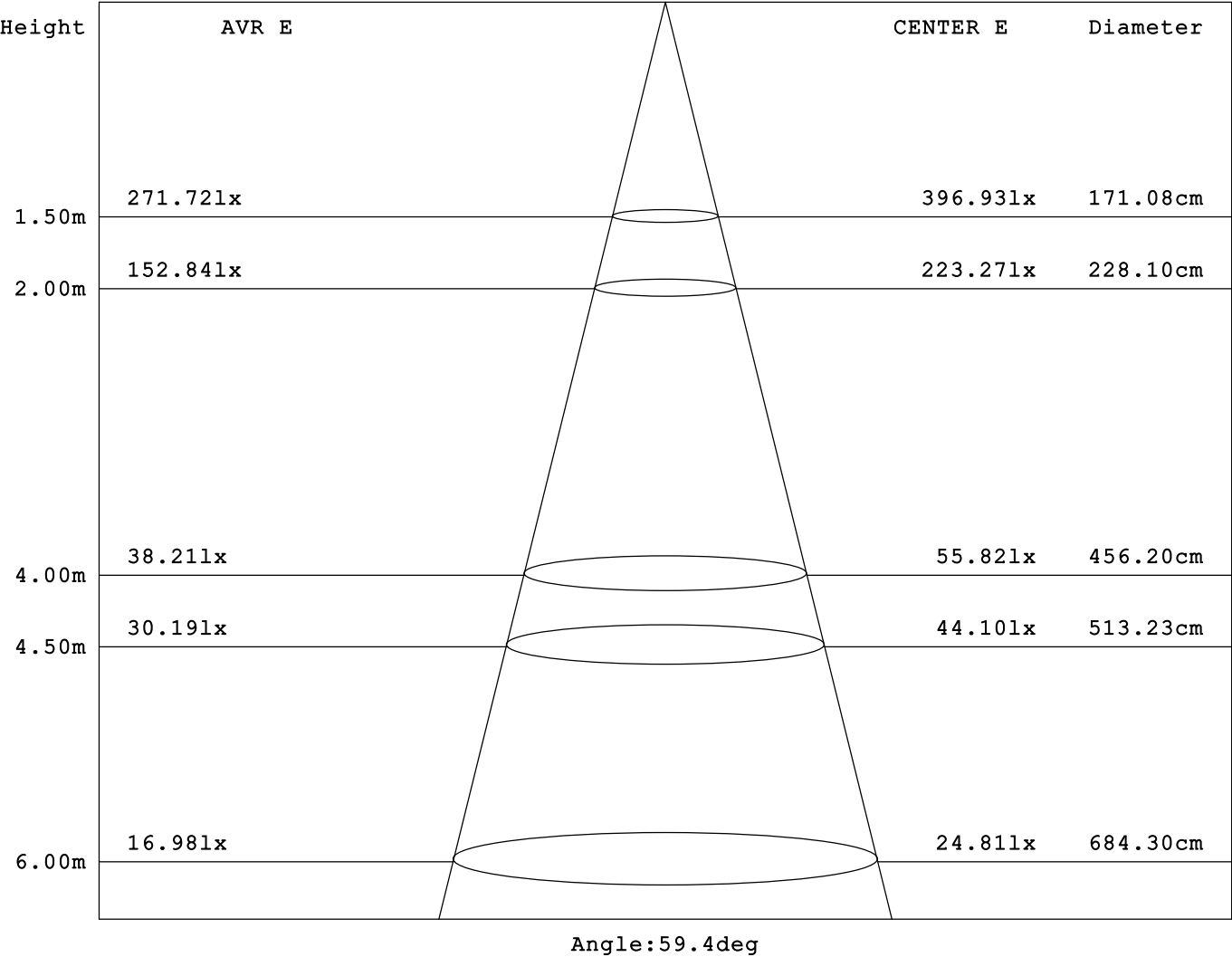
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K 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

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Humidity:65.0%
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Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K 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	854.0	858.2	872.7	886.3	885.5	877.2	869.0	854.7	0- 10	84.19	84.19
20.0	747.2	762.5	791.4	817.8	820.9	800.2	769.4	742.9	10- 20	234.7	318.9
30.0	374.6	425.3	485.8	522.6	499.3	440.0	378.5	350.5	20- 30	288.6	607.5
40.0	61.48	71.56	85.32	100.2	88.43	71.31	60.54	50.90	30- 40	141.0	748.6
50.0	15.60	14.16	12.35	16.76	13.36	13.79	14.88	11.27	40- 50	26.61	775.2
60.0	7.730	5.996	3.973	6.466	4.840	5.707	7.152	4.949	50- 60	8.273	783.5
70.0	4.335	2.817	1.228	3.034	2.384	2.673	3.901	2.348	60- 70	4.118	787.6
80.0	3.323	2.095	0.795	2.023	1.878	1.878	2.817	1.770	70- 80	2.437	790.0
90.0	3.106	2.131	1.372	1.950	2.817	1.770	2.312	1.589	80- 90	2.164	792.2
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

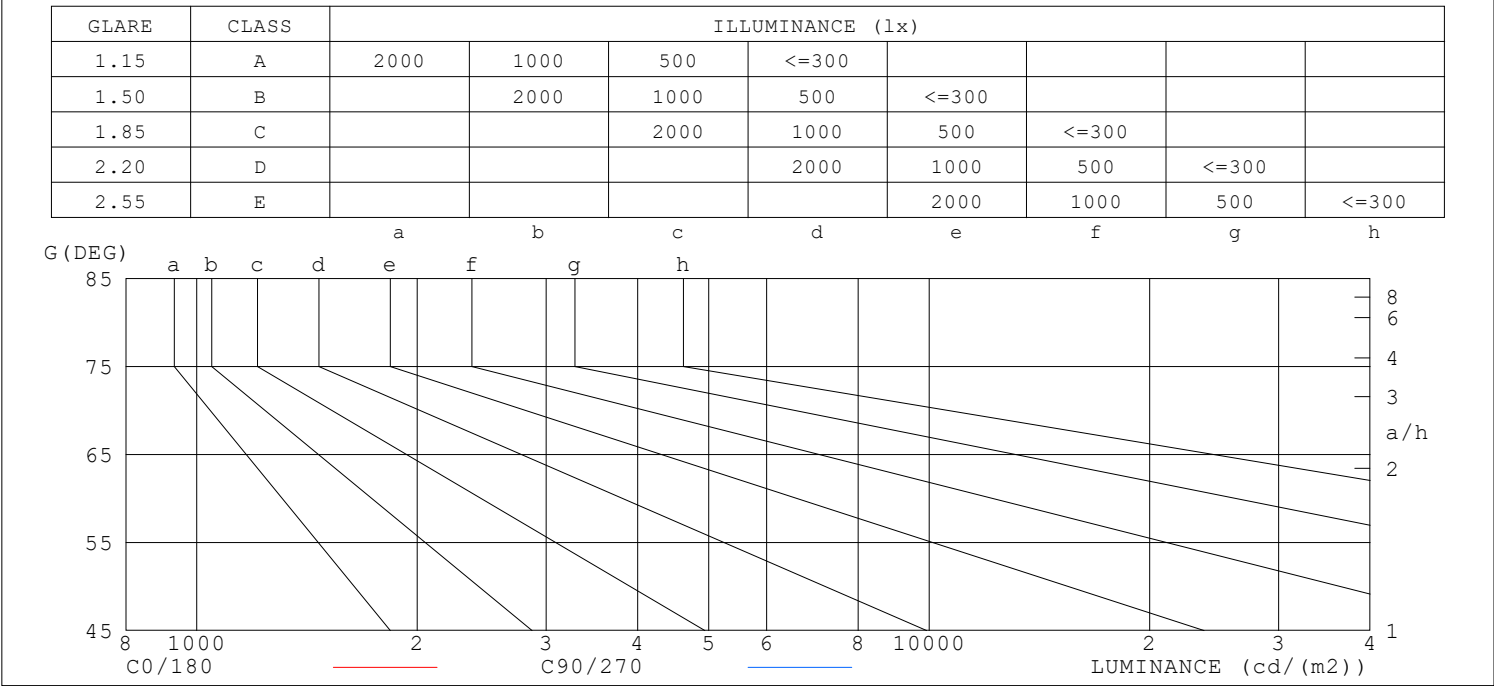
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	365	108
80	191	46
75	142	31
70	127	36
65	135	55
60	155	79
55	188	115
50	243	192
45	364	388

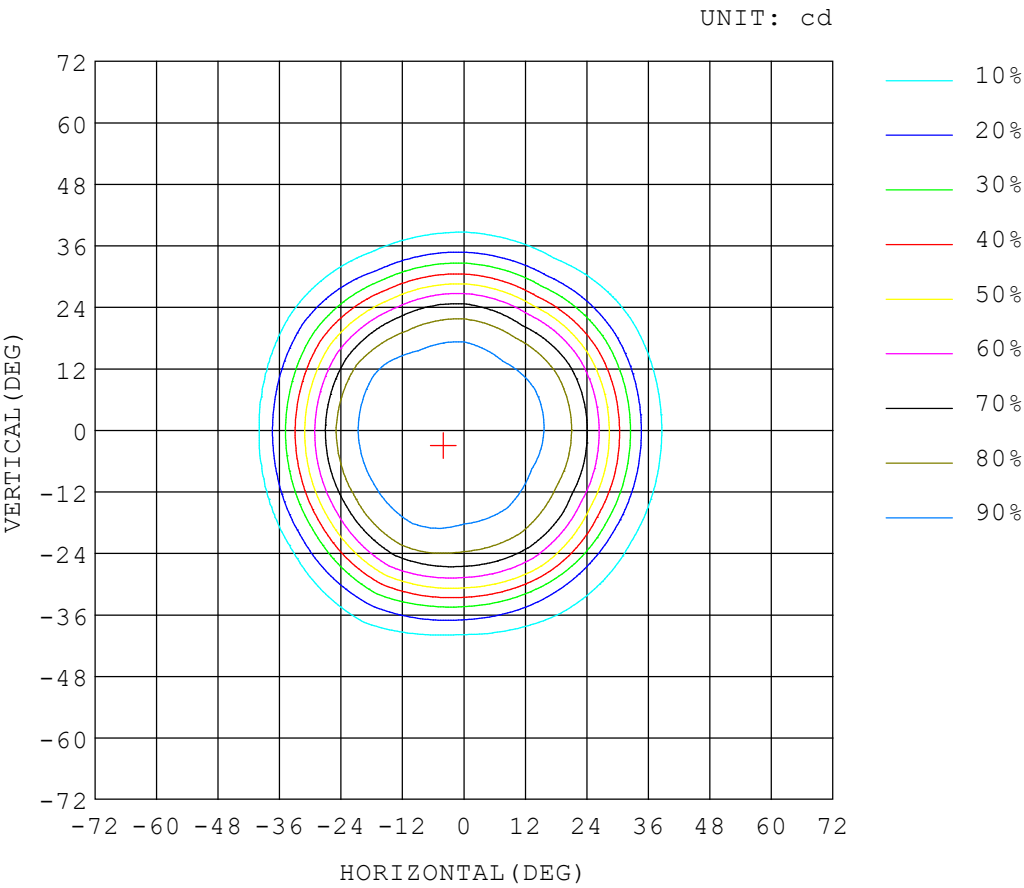
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:



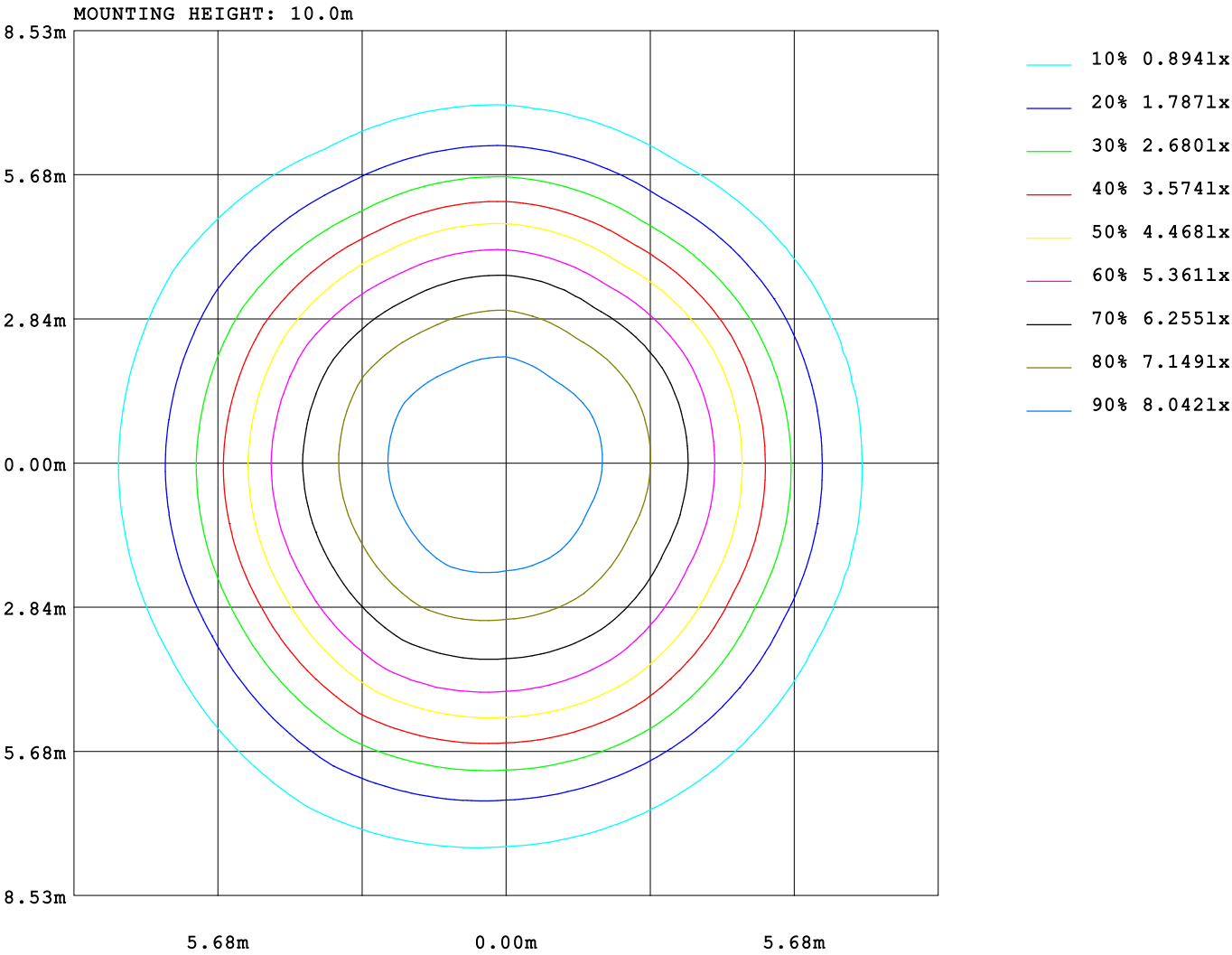
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K 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: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: GE 50										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-66 CUTOUT-56 H-62 MM					SERIAL No.:				

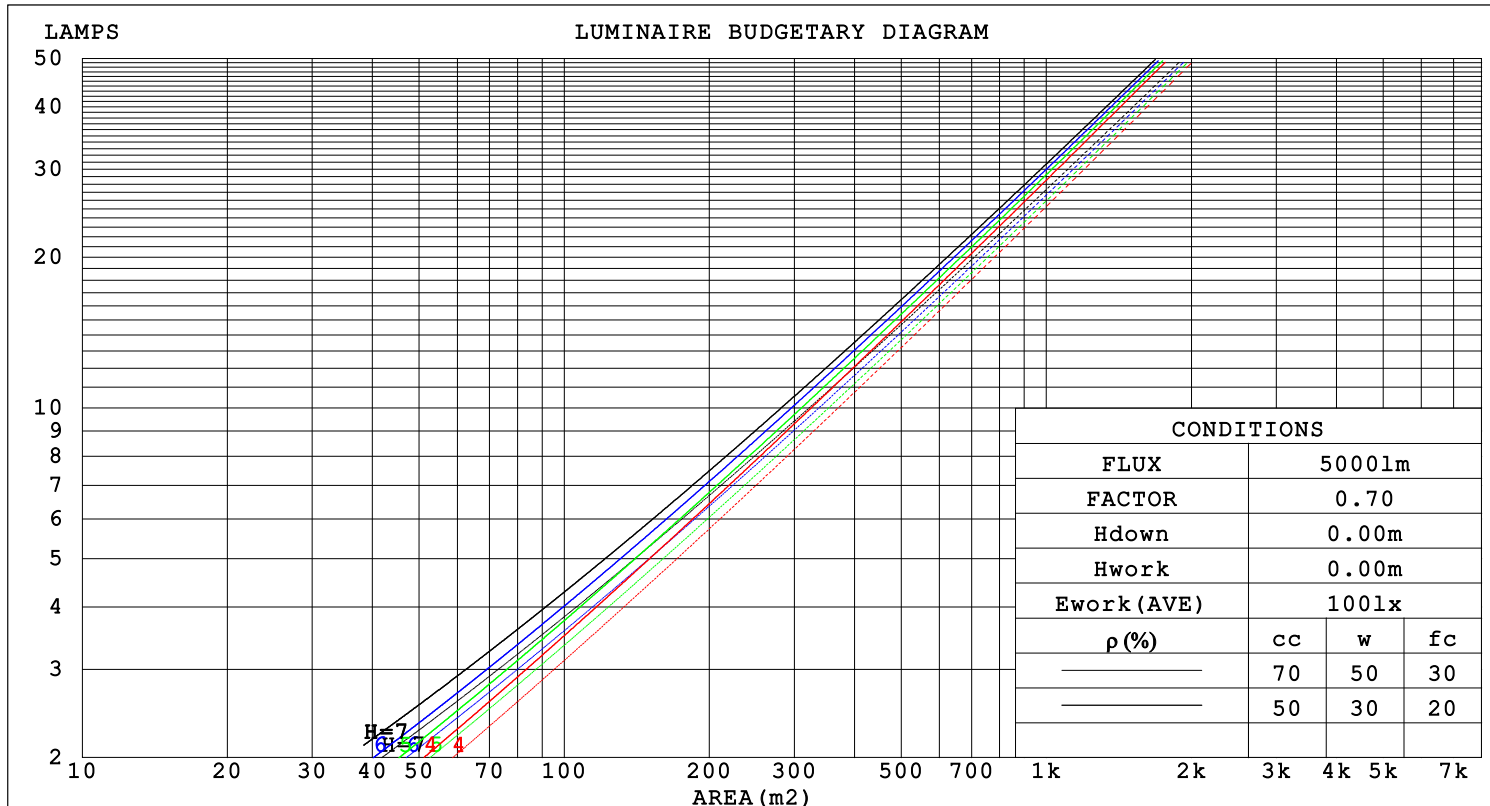
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.03	0.03	0.03	0.03	0.02	0.04	0.06	0.08	0.08	0.06	0.04	0.02	0.02	0.03	0.03	0.03	0.02	0.65	0.00		
64	0.02	0.03	0.04	0.05	0.05	0.04	0.06	0.10	0.13	0.13	0.09	0.06	0.04	0.04	0.04	0.04	0.03	0.02	1.01	0.00		
56	0.02	0.04	0.06	0.07	0.08	0.09	0.12	0.18	0.24	0.23	0.17	0.11	0.08	0.07	0.06	0.05	0.04	0.02	1.73	0.00		
48	0.02	0.04	0.08	0.11	0.15	0.20	0.27	0.47	0.63	0.61	0.42	0.23	0.16	0.13	0.10	0.07	0.04	0.03	3.76	0.00		
40	0.02	0.05	0.09	0.17	0.29	0.56	1.19	2.19	2.95	2.79	1.83	0.91	0.43	0.23	0.15	0.09	0.05	0.03	14.0	8.93		
32	0.02	0.05	0.11	0.25	0.65	2.01	4.58	7.33	9.03	8.67	6.37	3.50	1.39	0.47	0.21	0.11	0.06	0.03	44.8	41.8		
24	0.02	0.05	0.13	0.35	1.49	5.04	9.74	13.0	14.5	14.1	11.9	8.12	3.60	1.01	0.29	0.13	0.07	0.03	83.7	81.4		
VERTICAL (DEG)	0.02	0.05	0.14	0.50	2.65	8.05	13.4	15.7	16.5	16.2	14.9	11.7	6.19	1.75	0.40	0.15	0.07	0.03	109	107		
	0.02	0.05	0.14	0.62	3.53	9.75	14.6	16.5	17.2	17.0	15.8	13.2	7.75	2.35	0.49	0.17	0.08	0.04	120	118		
	0.02	0.05	0.14	0.61	3.56	9.83	14.6	16.5	17.3	17.0	15.7	13.2	7.82	2.37	0.48	0.16	0.07	0.03	120	118		
	0.02	0.04	0.12	0.48	2.72	8.32	13.5	16.0	16.7	16.4	15.1	11.9	6.40	1.78	0.38	0.14	0.06	0.03	111	109		
	0.02	0.04	0.10	0.30	1.53	5.52	10.8	14.3	15.2	14.9	13.2	9.19	3.93	1.01	0.25	0.11	0.05	0.03	90.7	88.6		
-24	0.01	0.03	0.07	0.18	0.67	2.55	6.25	9.59	10.9	10.5	8.38	4.67	1.73	0.46	0.15	0.08	0.04	0.02	56.4	53.9		
-32	0.01	0.02	0.05	0.11	0.30	0.86	2.13	3.55	4.28	3.97	2.81	1.56	0.63	0.24	0.10	0.05	0.03	0.02	20.7	16.6		
-40	0.01	0.02	0.04	0.08	0.17	0.34	0.58	0.80	0.88	0.83	0.68	0.47	0.28	0.15	0.07	0.03	0.02	0.02	5.49	0.00		
-48	0.01	0.01	0.02	0.06	0.11	0.18	0.24	0.24	0.23	0.22	0.23	0.22	0.17	0.10	0.05	0.02	0.02	0.01	2.15	0.00		
-56	0.01	0.01	0.02	0.04	0.08	0.12	0.13	0.12	0.10	0.09	0.11	0.12	0.11	0.07	0.04	0.02	0.01	0.01	1.19	0.00		
-64	0.01	0.01	0.02	0.03	0.05	0.08	0.07	0.06	0.04	0.04	0.06	0.07	0.07	0.05	0.03	0.02	0.01	0.01	0.74	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.31	0.64	1.39	4.06	18.1	53.6	92.6	117	127	124	108	79.5	40.8	12.3	3.32	1.46	0.79	0.45	792			
Φ a	0.00	0.00	0.00	0.00	13.8	50.4	89.9	114	125	122	105	76.6	37.6	7.73	0.00	0.00	0.00	0.00		746		

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:8.500 m
Remarks: 3000K

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	.94														
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	.79	.85	.81	.79	.83	.80	.78	.76														
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.73	.79	.76	.73	.71														
6.0	.80	.74	.70	.79	.74	.70	.78	.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	.71	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59														
9.0	.67	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.64	.60	.57	.56														
10.0	.64	.58	.54	.63	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53														



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: GE 50					TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA					DIMENSION: D-66 CUTOUT-56 H-62 MM					SERIAL No.:				

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.178	.101	.032	.171	.098	.031	.159	.091	.029	.147	.085	.027	.136	.079	.025	
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	.145	.074	.021	.141	.073	.021	.135	.070	.021	.128	.068	.020	.122	.065	.020	
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.124	.064	.019	.118	.062	.019	
7.0	.132	.065	.019	.129	.064	.018	.124	.063	.018	.119	.061	.018	.115	.060	.017	
8.0	.127	.062	.017	.124	.061	.017	.119	.060	.017	.115	.058	.017	.111	.057	.017	
9.0	.121	.059	.016	.119	.058	.016	.115	.057	.016	.111	.056	.016	.107	.054	.016	
10.0	.117	.056	.016	.115	.055	.015	.111	.054	.015	.107	.053	.015	.104	.052	.015	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	.117	.078	.050	.100	.067	.044	.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	.054	.028	.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: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: GE 50					TYPE: 3000K 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	3.4	4.3	3.6	4.5	4.6	5.4	6.3	5.6	6.5	6.7	
	3H	3.4	4.2	3.6	4.4	4.6	5.3	6.1	5.5	6.3	
	4H	3.4	4.2	3.7	4.4	4.7	5.2	6.0	5.5	6.2	
	6H	3.6	4.3	3.8	4.6	4.8	5.1	5.9	5.4	6.1	
	8H	3.7	4.4	4.0	4.7	5.0	5.1	5.8	5.4	6.1	
	12H	4.0	4.7	4.3	5.0	5.2	5.1	5.8	5.4	6.1	
4H	2H	3.2	4.0	3.5	4.2	4.5	5.2	6.0	5.5	6.2	
	3H	3.2	3.9	3.5	4.1	4.4	5.1	5.8	5.4	6.1	
	4H	3.2	3.9	3.6	4.2	4.5	5.1	5.7	5.4	6.0	
	6H	3.5	4.0	3.8	4.4	4.7	5.1	5.6	5.5	6.0	
	8H	3.7	4.2	4.1	4.6	4.9	5.1	5.6	5.5	5.9	
	12H	4.2	4.6	4.6	5.0	5.4	5.1	5.6	5.5	6.0	
8H	4H	3.2	3.7	3.6	4.1	4.4	5.0	5.5	5.4	5.9	
	6H	3.4	3.9	3.9	4.3	4.7	5.1	5.5	5.5	5.9	
	8H	3.7	4.1	4.2	4.5	5.0	5.2	5.6	5.7	6.0	
	12H	4.3	4.7	4.8	5.1	5.6	5.4	5.7	5.8	6.1	
12H	4H	3.2	3.6	3.6	4.0	4.4	5.0	5.4	5.4	5.8	
	6H	3.5	3.8	3.9	4.2	4.7	5.1	5.5	5.5	5.9	
	8H	3.8	4.1	4.2	4.5	5.0	5.3	5.6	5.7	6.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.1 / - 2.4					+ 2.6 / - 3.8					
1.5H	+ 4.0 / - 2.8					+ 4.8 / - 4.0					
2.0H	+ 2.8 / - 1.3					+ 2.5 / - 1.6					

CIE Pub.117 Corrected 792.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

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: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: GE 50	TYPE: 3000K 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	75
0.80	95	90	86	95	89	86	94	89	86	82
1.00	100	94	91	99	94	90	97	94	90	86
1.25	104	98	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	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		

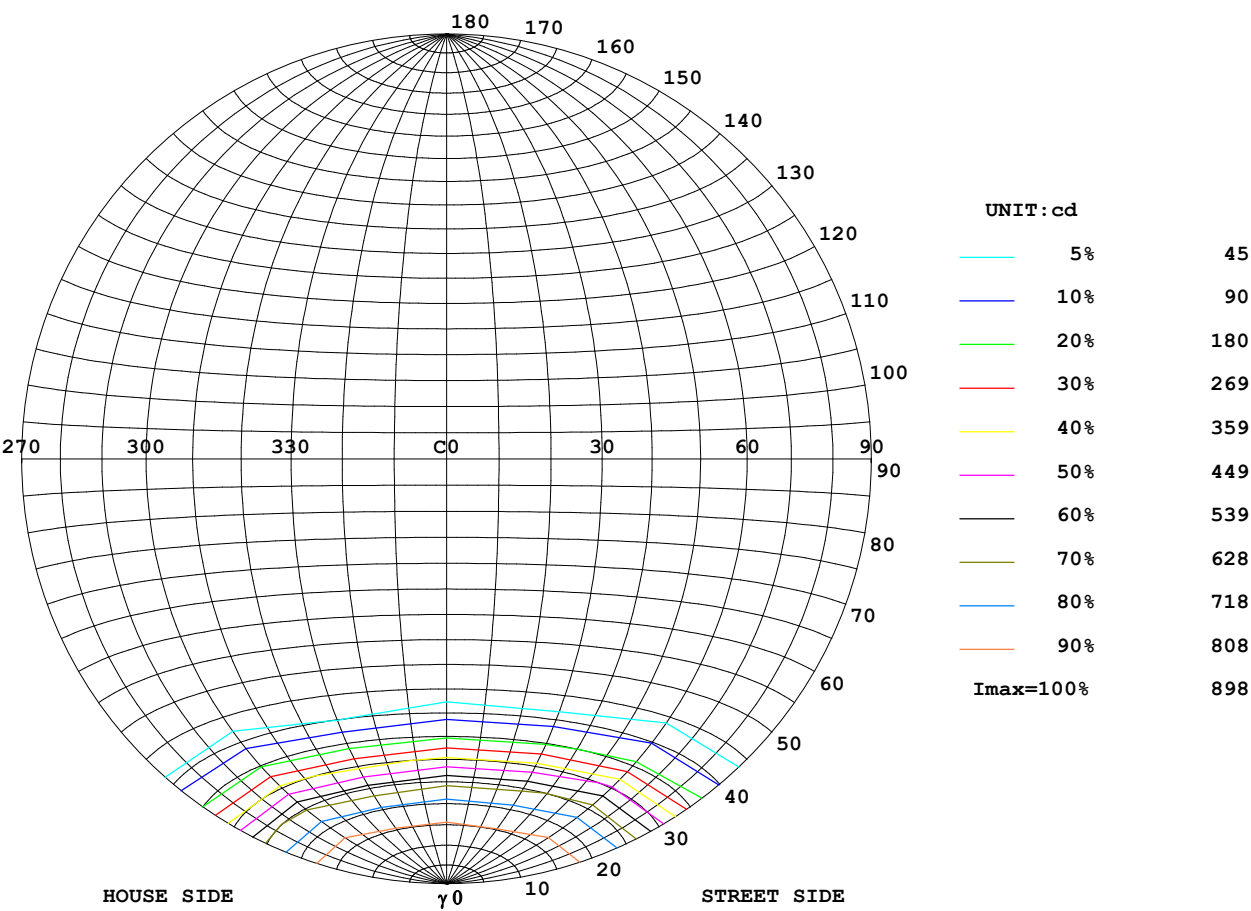
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-22-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K 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

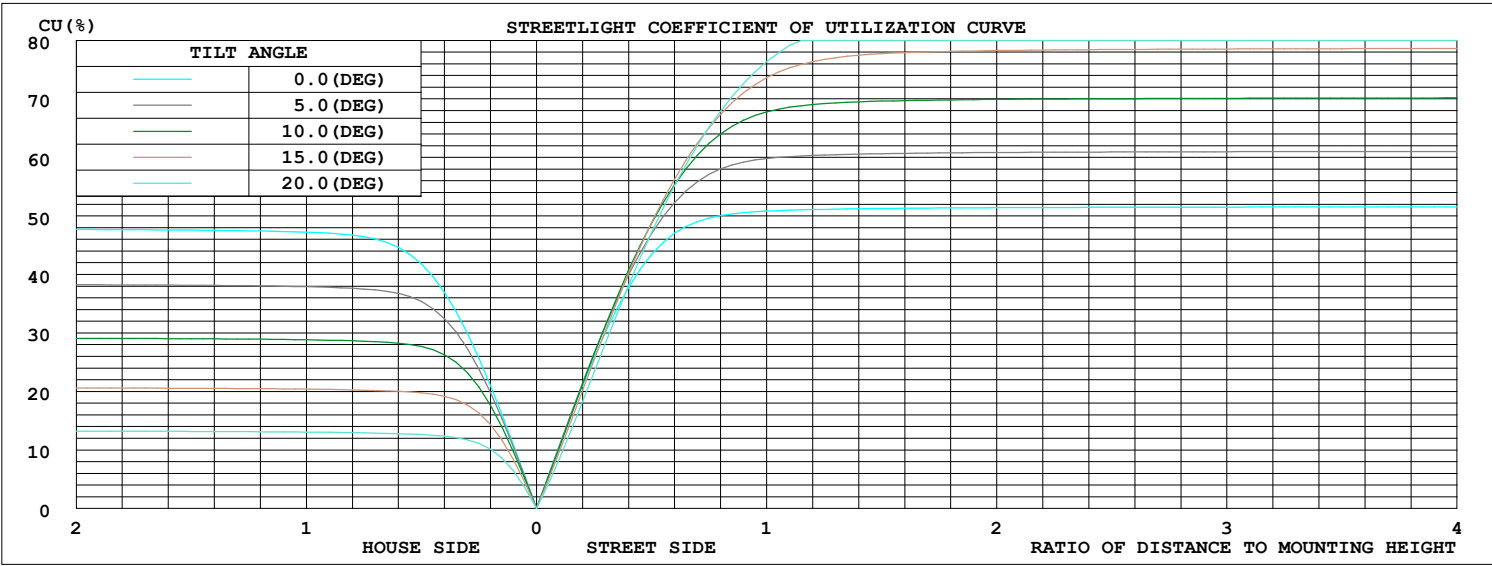
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-66 CUTOUT-56 H-62 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 8.93 lx



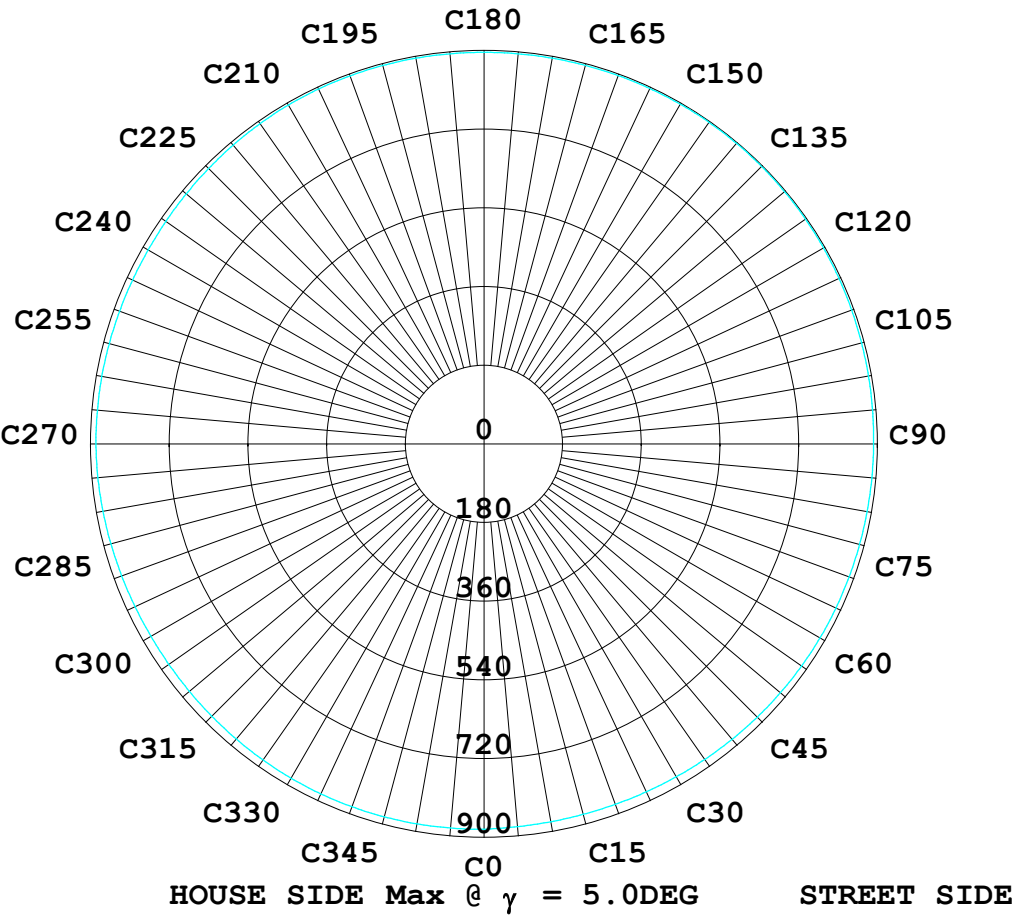
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-22-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 50	TYPE: 3000K 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: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: GE 50	TYPE: 3000K 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	893	892	893	893	892	894	893	892	893	893	892	894
5.0	881	879	888	891	897	898	896	895	887	888	880	883
10.0	854	851	865	873	887	885	886	884	870	869	852	857
15.0	816	811	831	839	861	857	862	864	841	838	814	821
20.0	747	745	780	791	820	815	821	820	781	769	735	750
25.0	601	611	669	692	732	713	717	703	639	618	571	600
30.0	375	389	462	486	538	507	499	479	401	379	334	367
35.0	164	168	200	241	296	259	261	246	179	168	133	160
40.0	61.4	57.9	85.1	85.3	111	89.3	88.4	86.4	56.1	60.5	42.8	58.9
45.0	25.7	19.0	32.5	27.4	42.5	28.0	26.7	31.7	17.5	24.3	14.6	24.0
50.0	15.6	9.82	18.4	12.3	21.0	12.4	13.3	18.4	9.17	14.8	7.80	14.7
55.0	10.7	5.78	11.9	6.57	13.0	6.57	7.51	11.7	5.12	9.97	4.55	10.1
60.0	7.73	3.54	8.45	3.97	9.03	3.90	4.84	8.30	3.10	7.15	2.67	7.22
65.0	5.70	2.09	6.06	2.31	6.43	2.38	3.32	5.99	1.80	5.20	1.58	5.27
70.0	4.33	1.15	4.47	1.22	4.76	1.30	2.38	4.40	0.94	3.90	0.87	3.82
75.0	3.68	0.87	3.46	0.79	3.68	0.87	1.80	3.46	0.65	3.25	0.65	3.17
80.0	3.32	1.01	3.17	0.79	3.25	0.79	1.87	3.03	0.72	2.81	0.65	2.89
85.0	3.17	1.08	2.89	0.94	2.89	0.87	1.95	2.74	0.72	2.60	0.72	2.60
90.0	3.10	1.58	2.67	1.37	2.67	1.22	2.81	2.45	1.08	2.31	0.94	2.23

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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Test Distance:8.500 m
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