

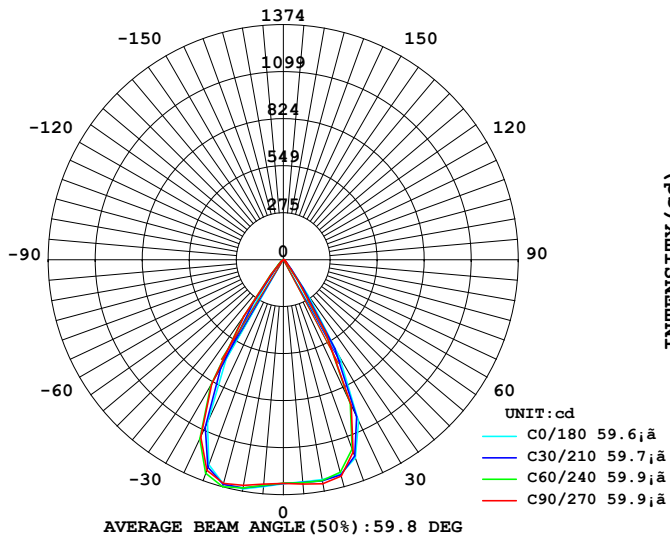
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

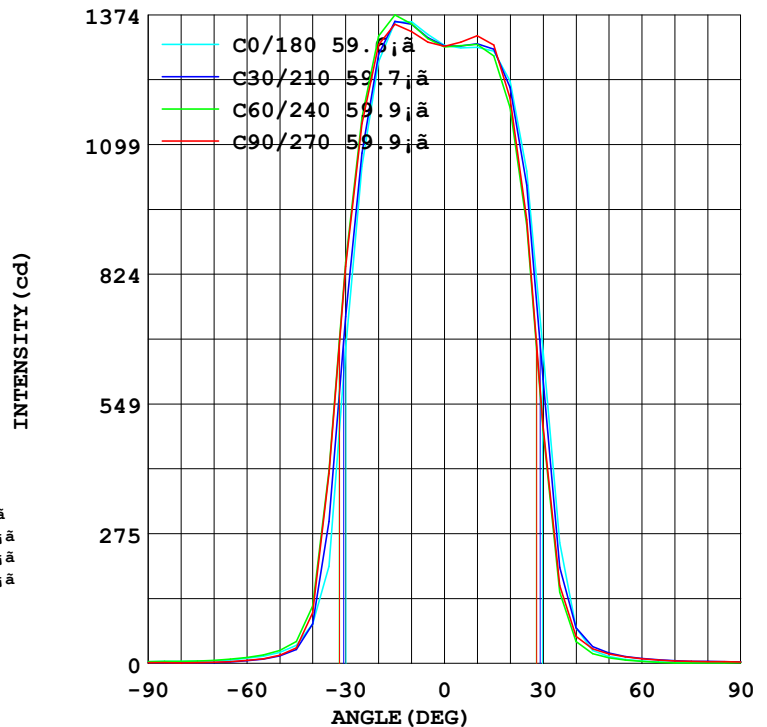
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: GE 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1374	S/MH (C0/180)	0.86
MODEL	GE 70	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.93
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1202.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	103.7	Current (A)	0.053
NOMINAL FLUX (lm)	1202.9	η up (%)	0.0	Power (W)	11.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	1139.4	EEI	0.136

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:

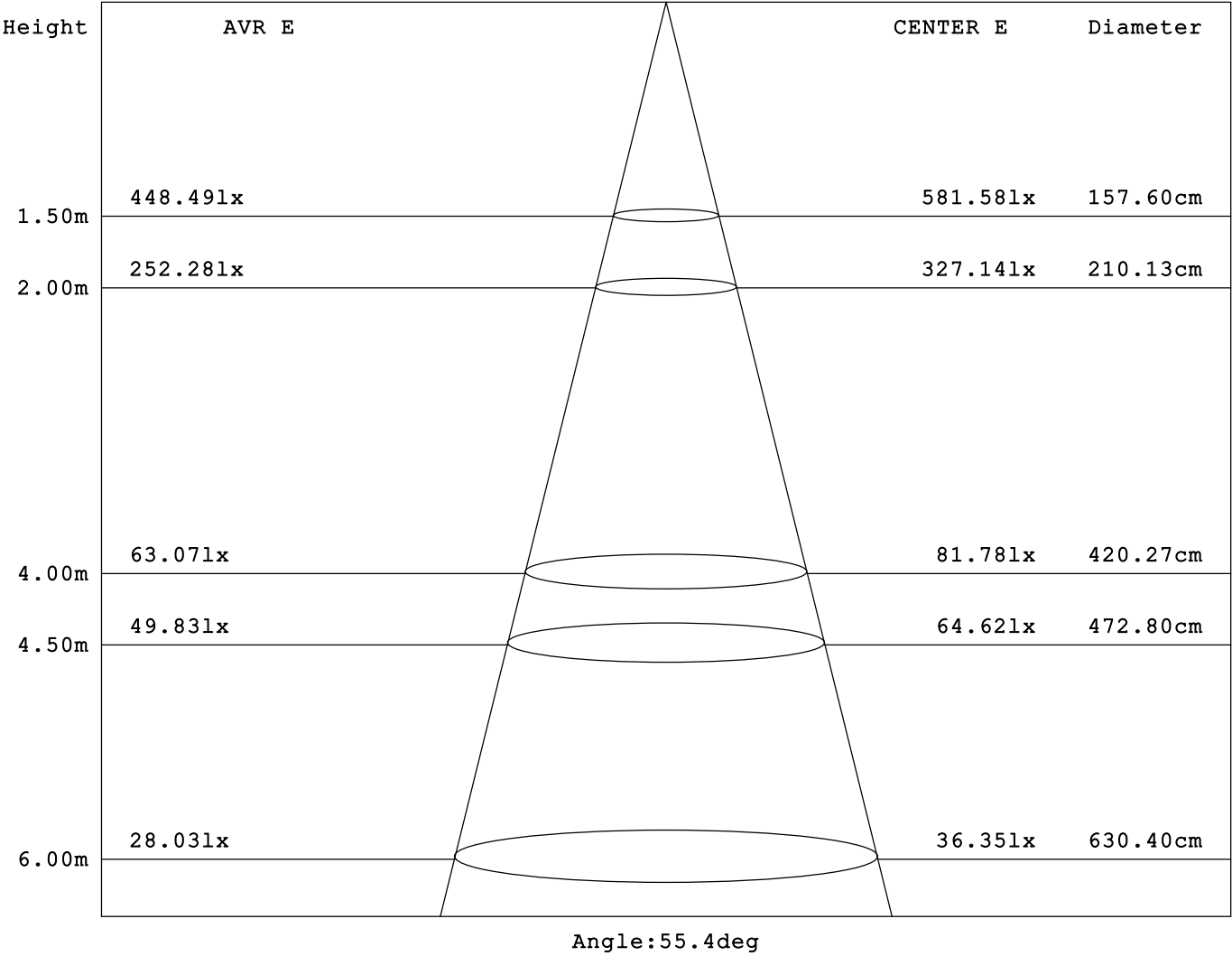
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
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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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	1359	1354	1338	1316	1305	1312	1329	1338	0- 10	125.9	125.9
20.0	1274	1309	1310	1282	1233	1198	1197	1216	10- 20	370.3	496.3
30.0	665.9	791.6	840.8	787.1	661.5	548.0	502.3	540.5	20- 30	457.1	953.4
40.0	83.99	102.7	107.7	103.5	75.24	60.91	57.34	57.75	30- 40	194.4	1148
50.0	23.32	21.78	17.25	21.10	14.82	17.05	19.84	16.64	40- 50	31.50	1179
60.0	10.85	9.153	6.237	9.031	5.265	7.330	9.882	7.290	50- 60	11.45	1191
70.0	5.832	4.333	2.187	4.333	2.430	3.523	5.265	3.402	60- 70	5.692	1197
80.0	4.617	2.916	1.296	2.875	2.187	2.632	3.969	2.511	70- 80	3.413	1200
90.0	3.969	2.956	1.863	2.835	3.159	2.389	3.078	2.308	80- 90	2.980	1203
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:07-24-2025

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

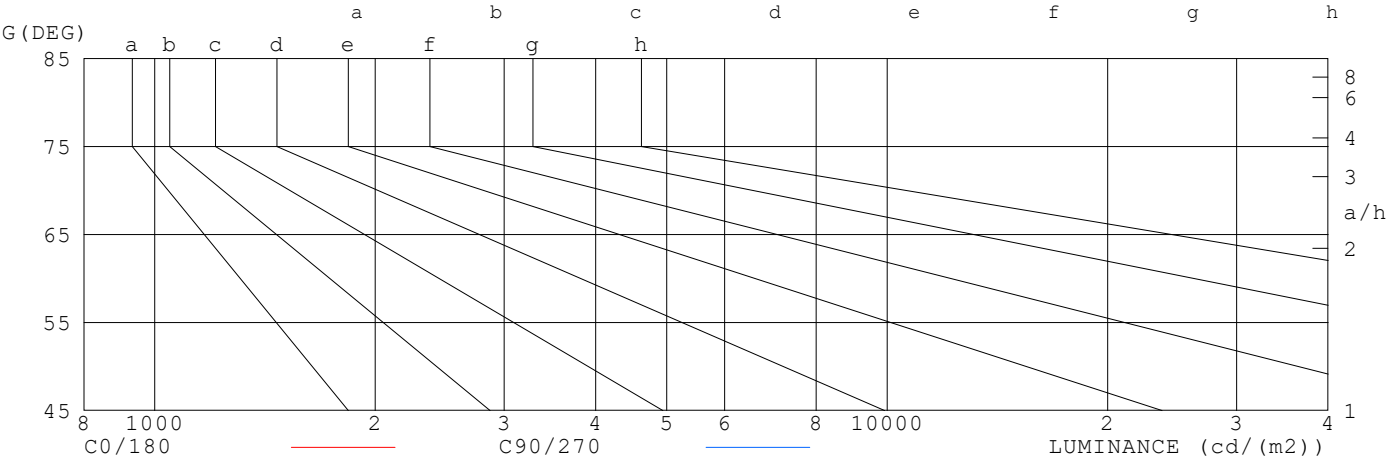
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
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	483	158
80	266	75
75	194	53
70	171	64
65	176	88
60	217	125
55	268	172
50	363	268
45	538	469

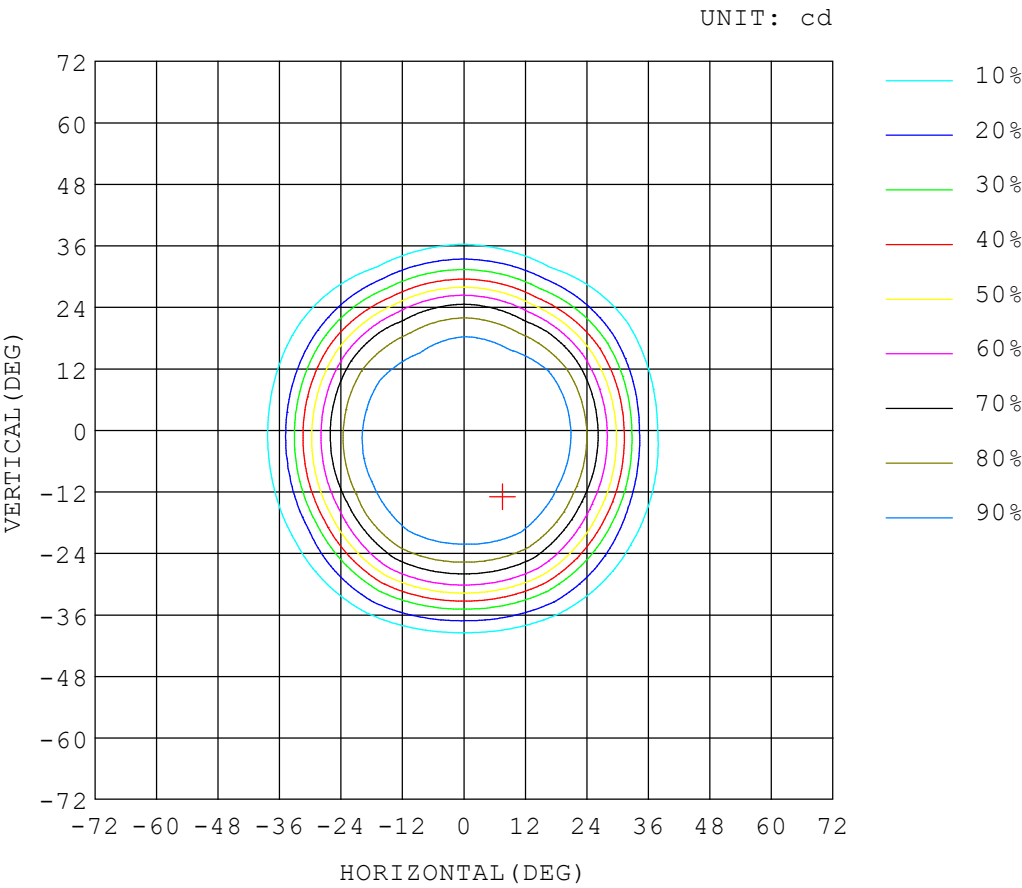
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:



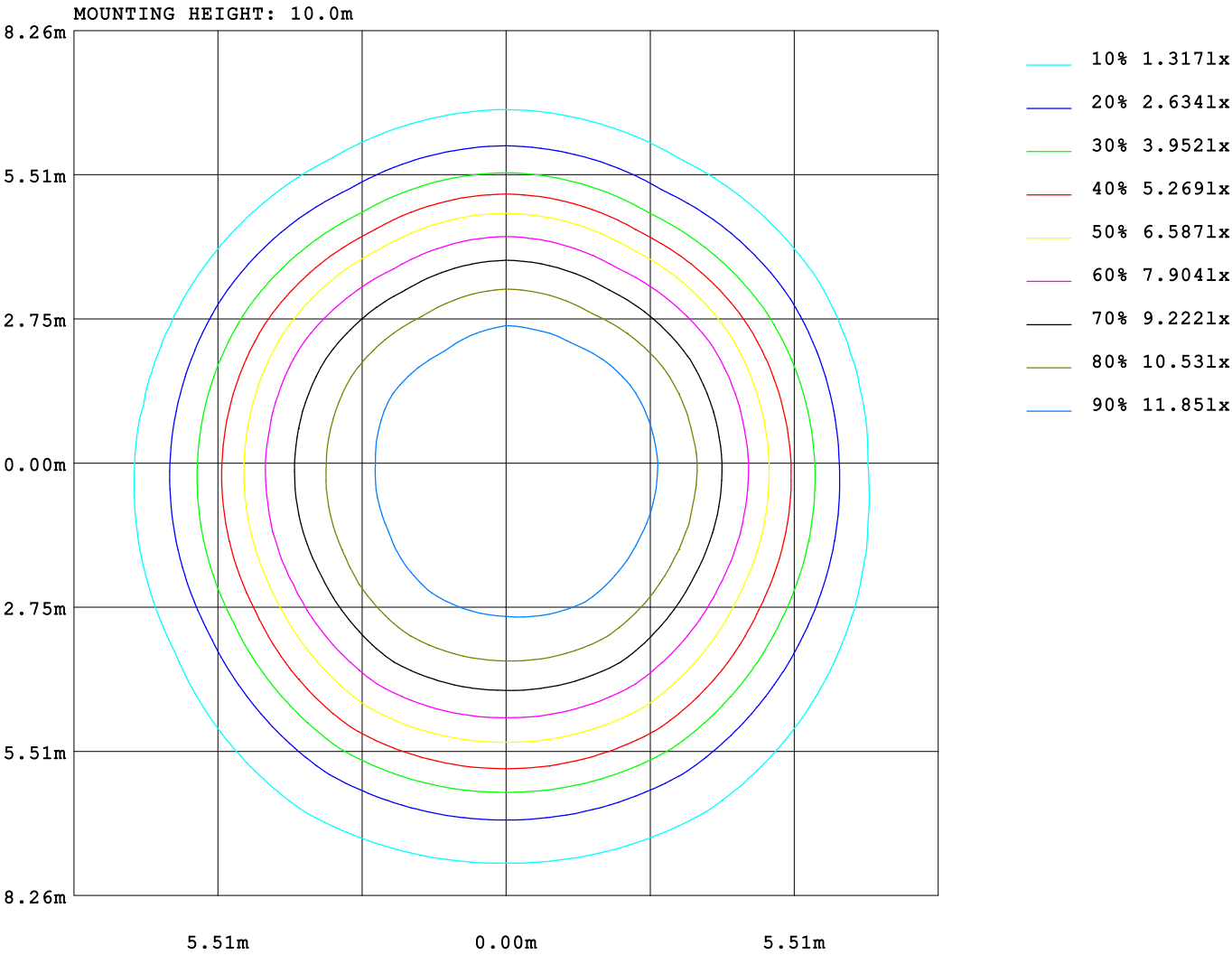
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70										TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 350 MA										DIMENSION: D-84 CUTOUT-74 H-79 MM					SERIAL No.:				

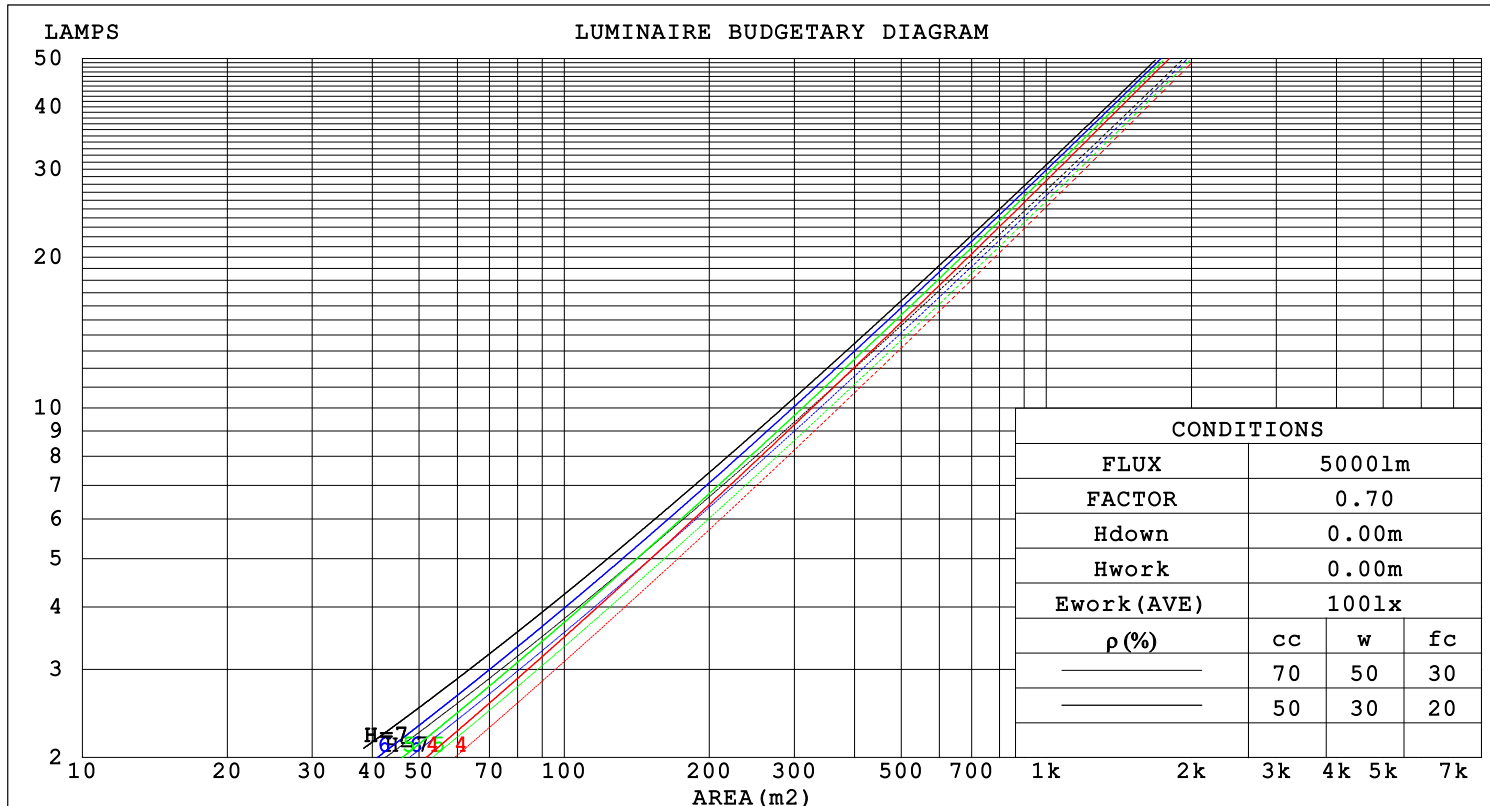
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.04	0.05	0.04	0.04	0.03	0.05	0.08	0.10	0.10	0.08	0.05	0.03	0.03	0.04	0.04	0.04	0.03	0.90	0.00		
64	0.03	0.04	0.06	0.06	0.06	0.06	0.09	0.14	0.18	0.18	0.13	0.09	0.06	0.06	0.06	0.05	0.04	0.03	1.41	0.00		
56	0.03	0.05	0.07	0.09	0.11	0.12	0.16	0.24	0.32	0.31	0.24	0.16	0.12	0.11	0.09	0.07	0.05	0.03	2.38	0.00		
48	0.03	0.05	0.10	0.14	0.19	0.25	0.33	0.52	0.68	0.68	0.51	0.32	0.24	0.19	0.14	0.10	0.06	0.04	4.55	0.00		
40	0.03	0.06	0.12	0.22	0.34	0.57	1.03	1.99	3.04	3.02	1.96	0.99	0.54	0.34	0.22	0.13	0.07	0.04	14.7	5.74		
32	0.03	0.06	0.14	0.30	0.65	1.72	4.76	9.28	12.6	12.5	9.17	4.70	1.69	0.63	0.31	0.16	0.08	0.04	58.9	53.5		
24	0.03	0.06	0.15	0.38	1.32	5.23	13.1	19.2	22.1	22.2	19.2	13.0	5.22	1.30	0.42	0.19	0.09	0.04	124	120		
VERTICAL (DEG)	0.02	0.06	0.16	0.50	2.42	10.2	19.5	23.7	25.2	25.5	24.2	19.7	10.1	2.30	0.57	0.22	0.10	0.05	165	162		
	0.02	0.06	0.16	0.58	3.59	13.3	21.7	24.7	25.4	25.7	25.6	22.3	13.3	3.27	0.69	0.24	0.11	0.05	181	178		
	0.02	0.05	0.15	0.57	3.78	13.7	22.0	24.8	25.4	25.8	25.8	22.6	13.8	3.47	0.69	0.24	0.10	0.05	183	181		
	0.02	0.05	0.14	0.47	2.83	11.5	20.6	24.7	25.9	26.3	25.4	20.9	11.5	2.73	0.56	0.20	0.09	0.04	174	172		
	0.02	0.04	0.12	0.32	1.53	7.15	16.4	22.6	24.7	24.9	22.8	16.5	7.23	1.55	0.37	0.16	0.08	0.04	147	144		
-24	0.02	0.04	0.09	0.22	0.67	2.95	8.90	15.1	18.1	18.1	15.1	8.88	2.95	0.68	0.24	0.12	0.06	0.03	92.4	88.8		
-32	0.02	0.03	0.07	0.15	0.35	0.91	2.54	4.95	6.69	6.68	4.90	2.51	0.91	0.36	0.15	0.08	0.04	0.03	31.4	24.5		
-40	0.01	0.02	0.05	0.11	0.22	0.41	0.67	0.93	1.07	1.06	0.93	0.68	0.42	0.23	0.11	0.05	0.03	0.02	7.05	0.00		
-48	0.01	0.02	0.04	0.08	0.15	0.25	0.32	0.33	0.31	0.31	0.34	0.33	0.26	0.16	0.08	0.04	0.02	0.02	3.06	0.00		
-56	0.01	0.01	0.03	0.06	0.11	0.16	0.18	0.17	0.14	0.14	0.17	0.18	0.17	0.11	0.06	0.03	0.02	0.02	1.76	0.00		
-64	0.01	0.01	0.02	0.05	0.08	0.11	0.11	0.09	0.07	0.07	0.09	0.11	0.11	0.08	0.05	0.03	0.02	0.02	1.09	0.00		
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	0.37	0.76	1.70	4.33	18.4	68.8	133	174	193	194	177	134	68.9	17.6	4.85	2.15	1.11	0.62	1203			
Φ a	0.00	0.00	0.00	0.00	11.5	64.0	128	170	188	190	173	130	64.2	10.4	0.00	0.00	0.00	0.00		1139		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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	1.07	1.05	1.05	1.03	1.01	1.01	.00	.98	.98	.96	.95	.94														
2.0	1.03	.00	.96	1.02	.98	.95	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88														
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82														
4.0	.91	.86	.81	.90	.85	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77														
5.0	.85	.80	.76	.84	.79	.75	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72														
6.0	.80	.75	.71	.80	.74	.70	.78	.73	.70	.77	.73	.69	.75	.72	.69	.68														
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.63														
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.60														
9.0	.68	.62	.58	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.56														
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53														



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 70					TYPE: 4000K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 350 MA					DIMENSION: D-84 CUTOUT-74 H-79 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	.176	.100	.032	.169	.096	.031	.156	.090	.029	.145	.084	.027	.134	.078	.025	
2.0	.167	.091	.028	.161	.089	.027	.150	.084	.026	.141	.079	.025	.132	.074	.023	
3.0	.158	.084	.025	.153	.082	.025	.144	.078	.024	.136	.074	.023	.128	.071	.022	
4.0	.150	.078	.023	.146	.076	.023	.138	.073	.022	.131	.070	.021	.124	.068	.021	
5.0	.143	.073	.021	.139	.072	.021	.133	.069	.020	.126	.067	.020	.121	.064	.019	
6.0	.136	.068	.020	.133	.067	.019	.127	.065	.019	.122	.063	.019	.117	.061	.018	
7.0	.130	.065	.018	.128	.064	.018	.122	.062	.018	.118	.060	.018	.113	.059	.017	
8.0	.125	.061	.017	.123	.060	.017	.118	.059	.017	.113	.057	.017	.109	.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	.103	.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	.132	.099	.073	.114	.085	.063	.078	.059	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.106	.075	.052	.073	.053	.037	.042	.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	.043	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.089	.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:07-24-2025

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 70					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM 350 MA					DIMENSION: D-84 CUTOUT-74 H-79 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	4.6	5.5	4.8	5.7	5.8	7.8	8.7	8.0	8.9	9.1
	3H	4.6	5.4	4.8	5.6	5.8	7.7	8.5	7.9	8.7	8.9
	4H	4.6	5.4	4.9	5.6	5.8	7.6	8.4	7.9	8.6	8.9
	6H	4.7	5.5	5.0	5.7	6.0	7.6	8.3	7.8	8.5	8.8
	8H	4.9	5.6	5.2	5.8	6.1	7.5	8.2	7.8	8.5	8.8
	12H	5.1	5.8	5.4	6.0	6.3	7.5	8.2	7.8	8.5	8.7
4H	2H	4.4	5.2	4.7	5.4	5.7	7.6	8.4	7.9	8.6	8.8
	3H	4.4	5.1	4.7	5.3	5.6	7.5	8.2	7.8	8.5	8.7
	4H	4.4	5.1	4.8	5.4	5.7	7.5	8.1	7.8	8.4	8.7
	6H	4.6	5.2	5.0	5.5	5.9	7.4	8.0	7.8	8.3	8.7
	8H	4.8	5.4	5.2	5.7	6.1	7.4	7.9	7.8	8.3	8.6
	12H	5.2	5.7	5.6	6.1	6.4	7.4	7.9	7.8	8.3	8.6
8H	4H	4.4	4.9	4.8	5.2	5.6	7.4	7.9	7.7	8.2	8.6
	6H	4.6	5.0	5.0	5.4	5.8	7.4	7.8	7.8	8.2	8.6
	8H	4.8	5.2	5.3	5.6	6.1	7.5	7.8	7.9	8.2	8.7
	12H	5.4	5.7	5.8	6.1	6.6	7.6	7.9	8.0	8.3	8.8
12H	4H	4.4	4.8	4.8	5.2	5.6	7.3	7.8	7.7	8.1	8.5
	6H	4.6	5.0	5.1	5.4	5.8	7.4	7.7	7.8	8.2	8.6
	8H	4.9	5.2	5.3	5.6	6.1	7.5	7.8	7.9	8.2	8.7
Variations with the observer position at spacings:											
S = 1.0H		+ 1.9 / - 2.3					+ 2.2 / - 3.4				
1.5H		+ 3.7 / - 2.8					+ 4.2 / - 3.6				
2.0H		+ 2.9 / - 1.5					+ 1.5 / - 1.6				

CIE Pub.117 Corrected 1203 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.6)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 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) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

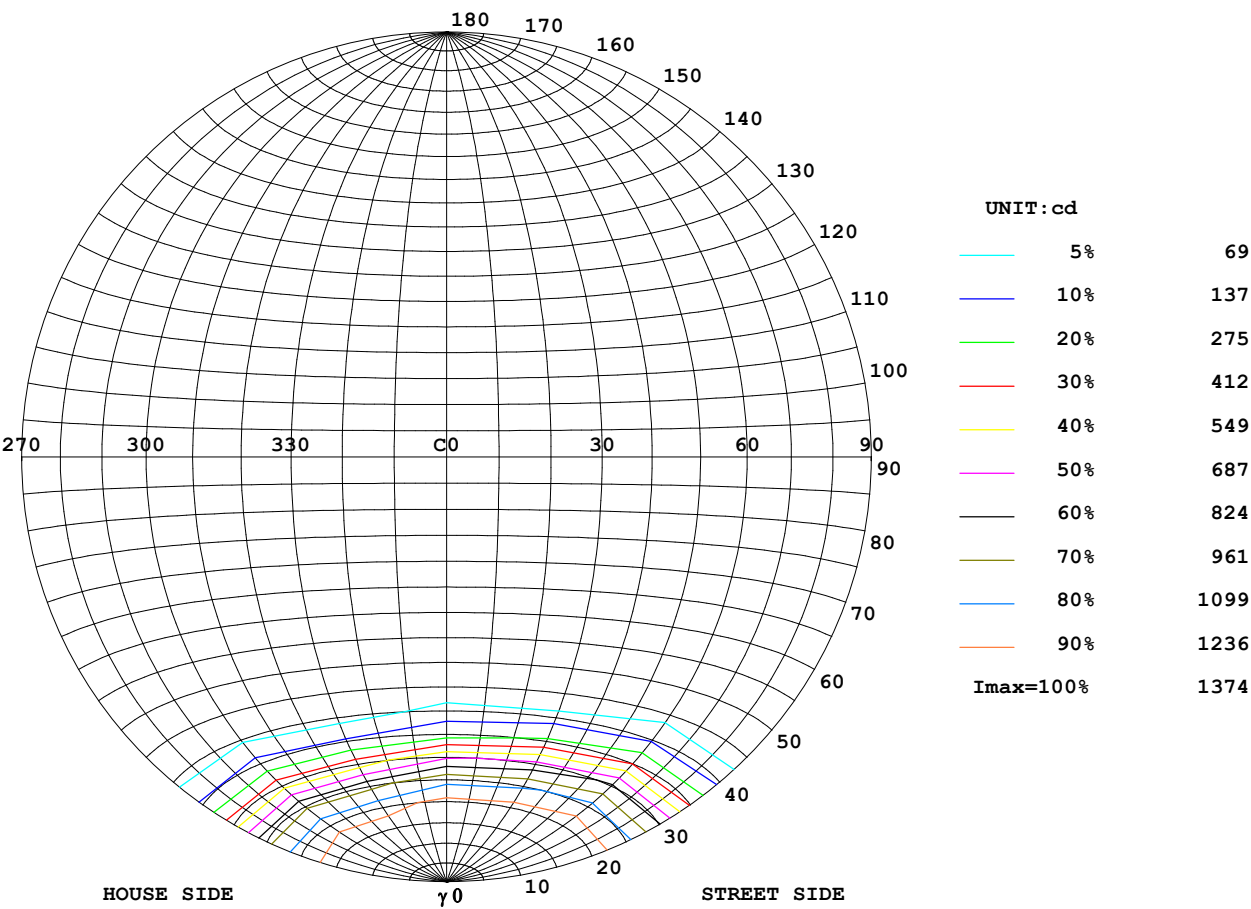
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

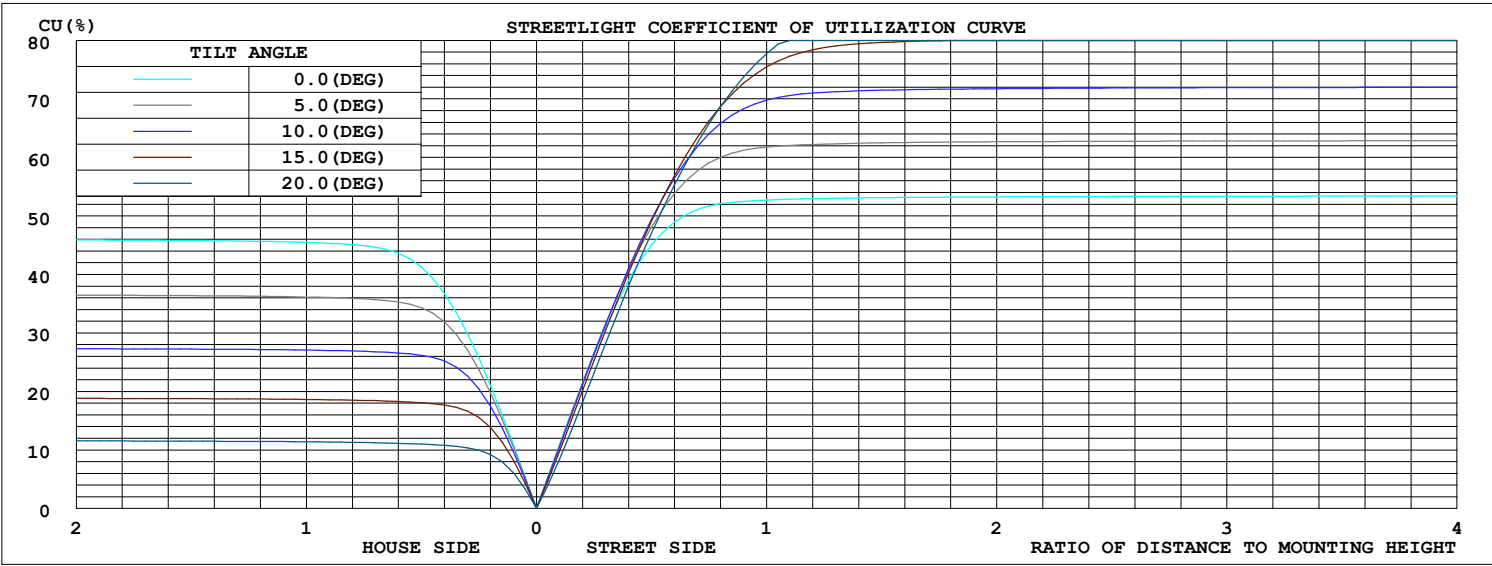
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: GE 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 13.09 lx



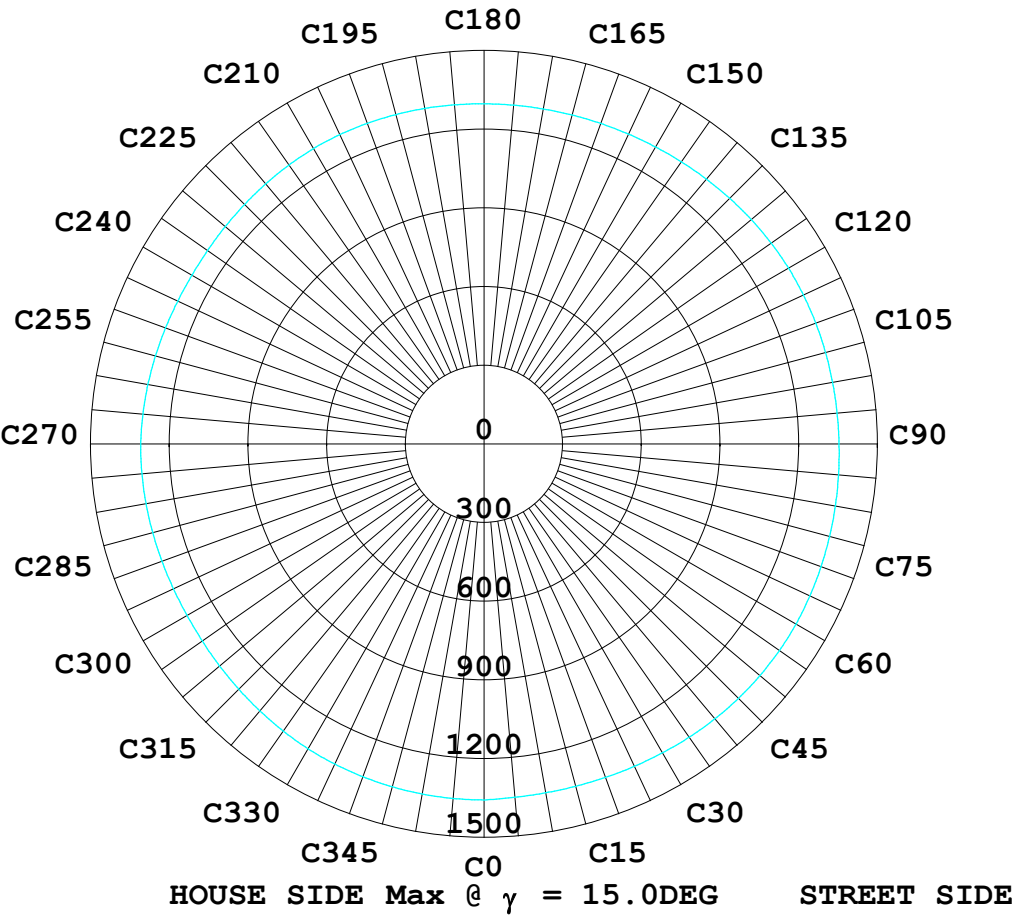
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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 70	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 350 MA	DIMENSION: D-84 CUTOUT-74 H-79 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1309	1308	1305	1307	1304	1305	1309	1308	1305	1307	1304	1305
5.0	1332	1325	1323	1315	1309	1301	1304	1307	1308	1316	1316	1323
10.0	1359	1354	1354	1338	1325	1307	1305	1312	1311	1329	1331	1346
15.0	1357	1360	1374	1353	1341	1308	1297	1301	1286	1309	1308	1342
20.0	1274	1290	1328	1310	1307	1256	1233	1219	1177	1197	1188	1245
25.0	1052	1080	1156	1143	1154	1073	1043	1013	927	939	922	1017
30.0	666	734	849	841	851	723	662	602	494	502	484	597
35.0	206	301	408	402	413	296	256	204	151	165	148	207
40.0	83.9	83.9	122	108	124	83.0	75.2	75.3	46.4	57.3	43.1	72.3
45.0	38.0	29.1	46.0	33.1	45.9	28.8	27.5	35.7	20.9	30.7	20.2	34.7
50.0	23.3	15.9	27.6	17.2	26.7	15.4	14.8	22.1	11.9	19.8	11.3	21.9
55.0	15.3	9.07	18.0	9.88	17.6	8.91	8.66	14.8	7.20	13.8	6.96	14.9
60.0	10.8	5.50	12.7	6.23	12.5	5.50	5.26	10.2	4.37	9.88	4.13	10.4
65.0	7.45	3.15	9.15	3.72	8.99	3.24	3.07	7.53	2.43	7.04	2.43	7.53
70.0	5.83	2.02	6.64	2.18	6.72	1.94	2.43	5.75	1.29	5.26	1.21	5.58
75.0	5.02	1.37	5.18	1.37	5.10	1.29	2.26	4.69	0.97	4.37	0.97	4.45
80.0	4.61	1.37	4.45	1.29	4.45	1.29	2.18	4.21	1.05	3.96	0.97	4.05
85.0	4.21	1.45	4.21	1.37	4.05	1.37	2.26	3.72	1.05	3.64	1.05	3.64
90.0	3.96	2.10	3.80	1.86	3.80	1.86	3.15	3.24	1.53	3.07	1.37	3.24

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:07-24-2025

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