

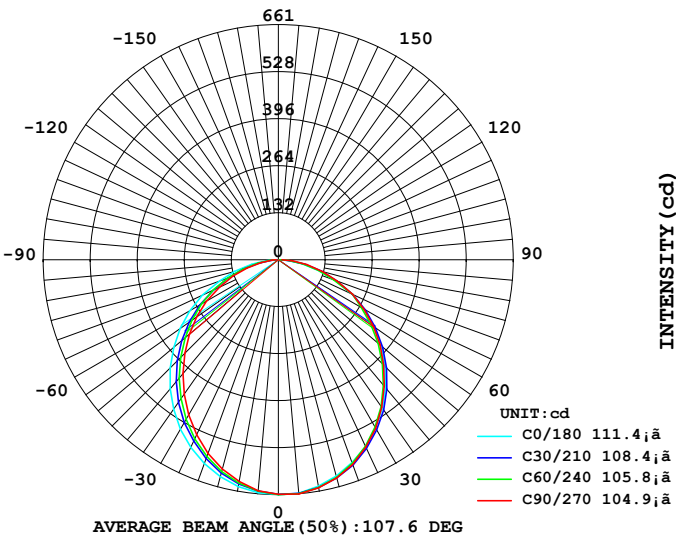
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

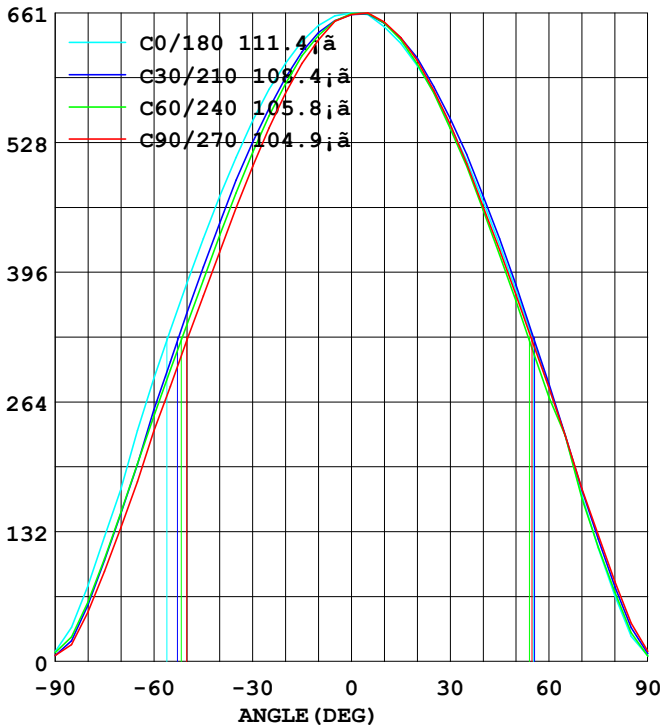
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	660.5	S/MH (C0/180)	1.24
MODEL	LUMILINE	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.15
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	1778.0	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	88.9	Current (A)	0.960
NOMINAL FLUX (lm)	1778.0	η up (%)	0.0	Power (W)	20.00
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	1742.5	EEI	0.156

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

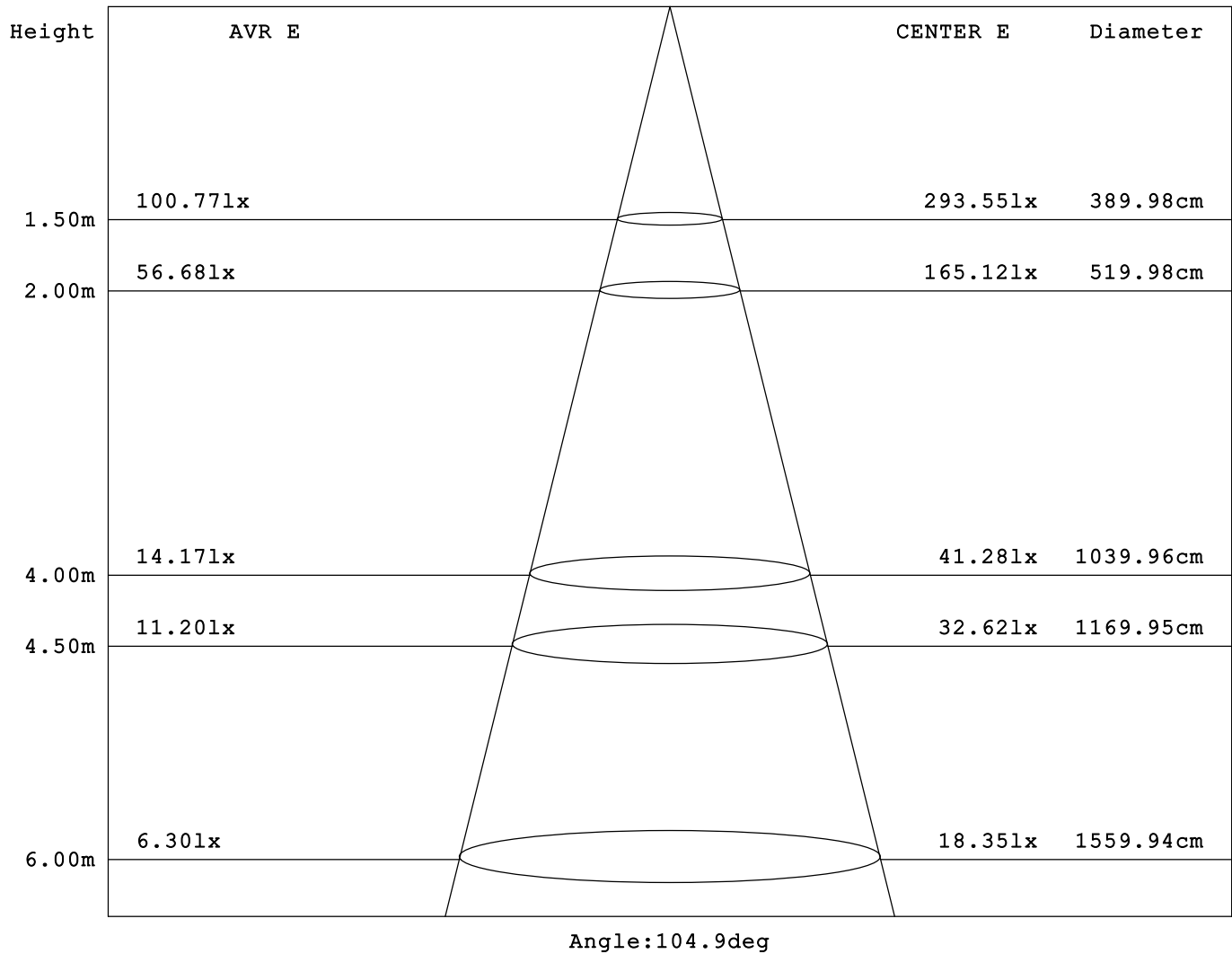
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 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: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:



Test System:HOPOO HPG1800

Temperature:25.3DEG

Operators:

Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)

Humidity:65.0%

Test Distance:7.500 m

Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	647.8	639.0	633.0	637.9	646.4	650.0	651.3	650.5	0- 10	62.26	62.26
20.0	609.2	591.4	578.9	589.6	606.8	611.6	612.1	612.0	10- 20	176.5	238.8
30.0	550.5	523.4	504.0	520.5	545.9	548.0	547.2	549.4	20- 30	263.0	501.8
40.0	473.6	440.1	417.0	436.7	468.7	467.1	463.2	468.6	30- 40	310.6	812.5
50.0	384.6	348.3	326.6	344.3	377.7	375.1	373.2	376.8	40- 50	315.8	1128
60.0	288.0	252.7	234.3	248.4	278.6	275.9	278.7	278.3	50- 60	281.4	1410
70.0	175.1	150.8	136.0	146.6	168.5	170.4	175.8	171.4	60- 70	212.8	1623
80.0	76.61	58.72	50.06	55.23	66.99	73.35	81.22	76.61	70- 80	119.8	1743
90.0	9.956	7.537	5.906	7.565	5.568	6.637	10.18	7.537	80- 90	35.47	1778
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:06-04-2025

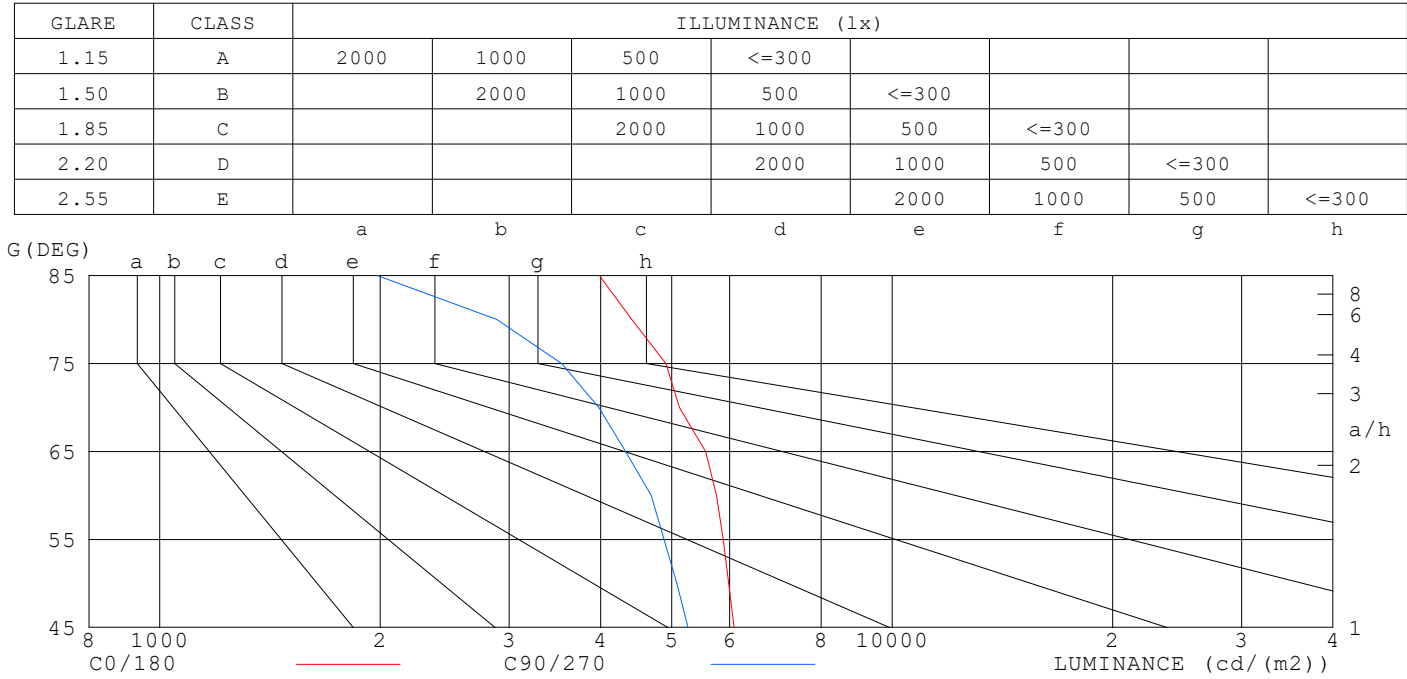
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 m
 Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	3982	1981
80	4412	2883
75	4910	3538
70	5121	3977
65	5564	4328
60	5760	4687
55	5883	4881
50	5984	5082
45	6088	5264

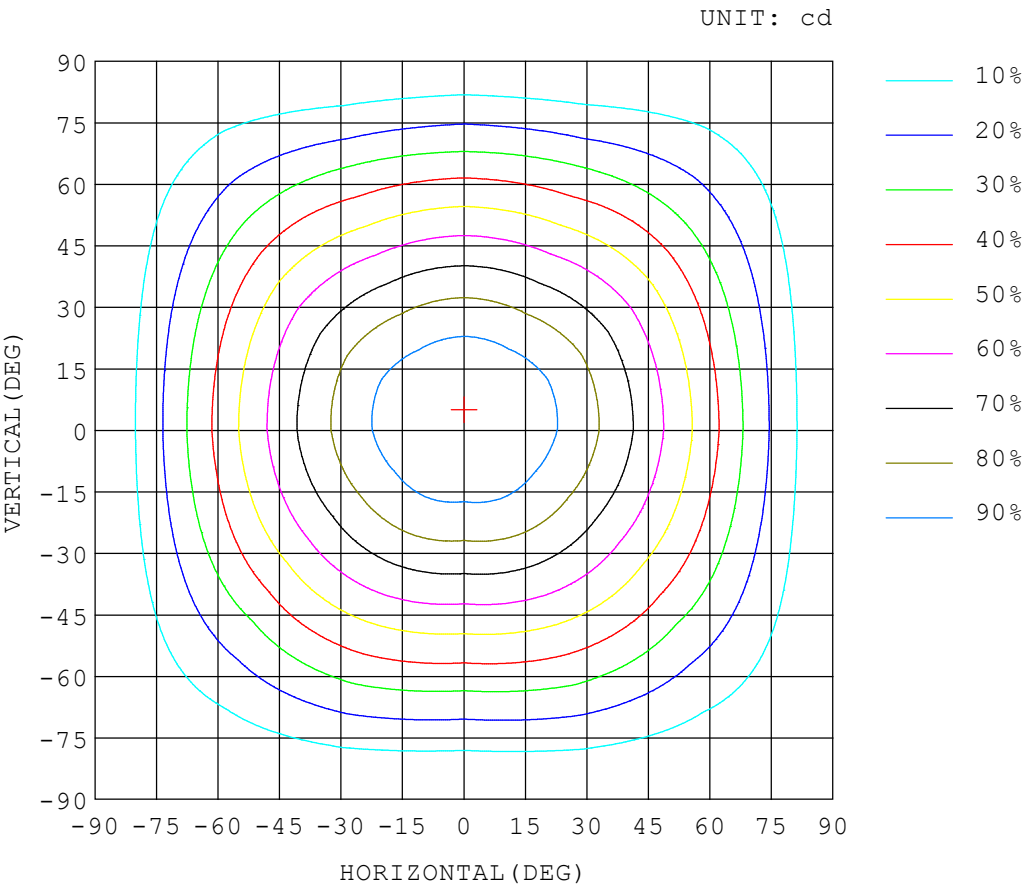
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:



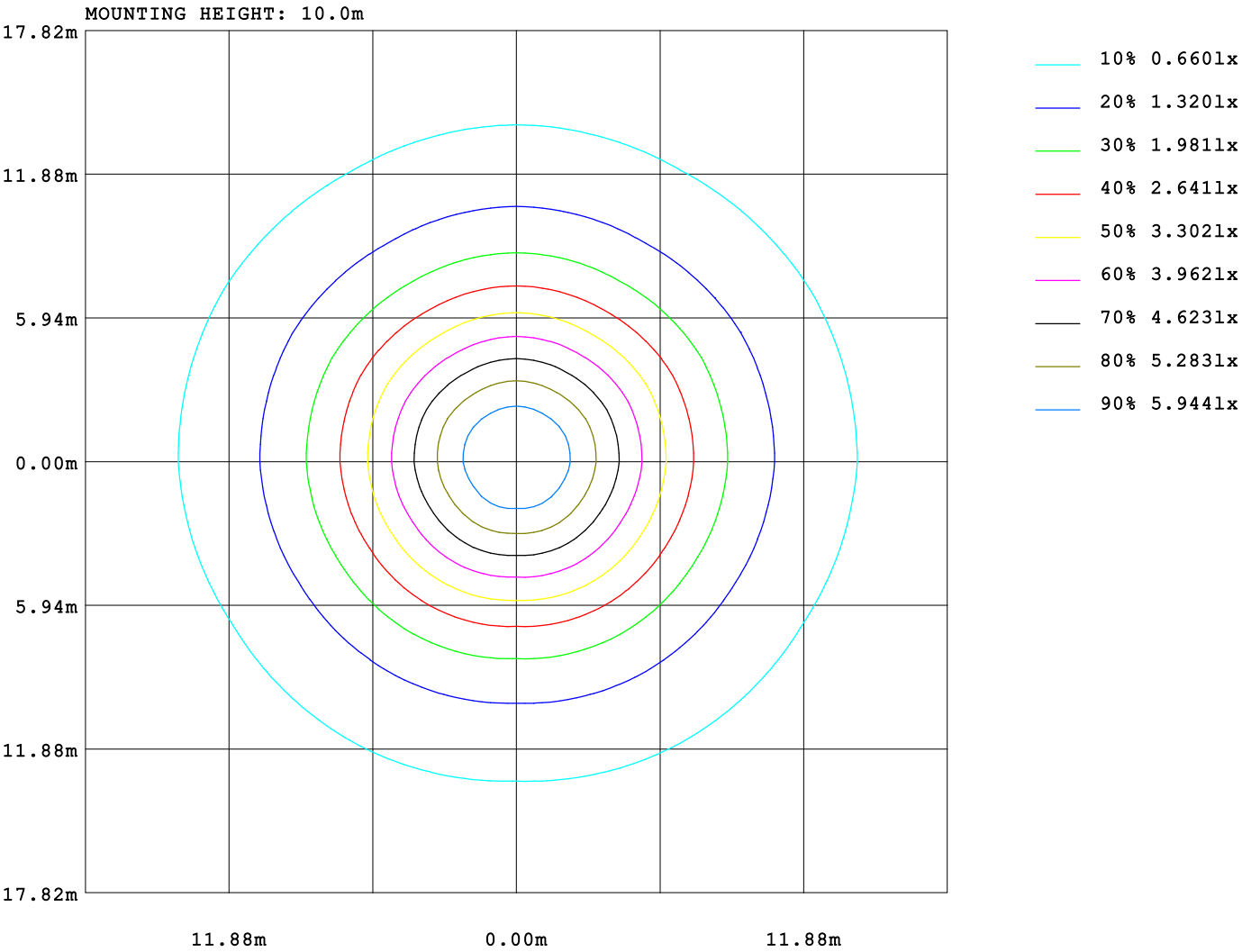
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.02	0.10	0.24	0.39	0.55	0.69	0.87	1.07	1.23	1.24	1.09	0.90	0.73	0.59	0.43	0.27	0.13	0.03	10.6	1.10			
90																							
80	0.04	0.20	0.57	1.10	1.70	2.31	2.90	3.46	3.81	3.82	3.48	2.94	2.37	1.77	1.17	0.63	0.25	0.05	32.6	28.9			
70	0.05	0.33	1.00	2.00	3.13	4.32	5.46	6.36	6.86	6.86	6.36	5.47	4.35	3.17	2.07	1.08	0.39	0.06	59.3	58.3			
60	0.06	0.48	1.46	2.92	4.66	6.39	7.82	9.04	9.77	9.78	9.06	7.85	6.42	4.70	2.95	1.54	0.54	0.08	85.5	85.0			
50	0.07	0.63	1.89	3.81	6.03	8.20	10.1	11.6	12.5	12.5	11.6	10.1	8.25	6.09	3.87	1.96	0.69	0.09	110	110			
40	0.09	0.75	2.29	4.57	7.24	9.91	12.2	14.1	15.2	15.2	14.1	12.2	9.96	7.30	4.65	2.34	0.82	0.11	133	133			
30	0.10	0.86	2.61	5.15	8.18	11.3	14.1	16.1	17.4	17.4	16.2	14.1	11.3	8.26	5.25	2.67	0.93	0.12	152	152			
	0.11	0.93	2.83	5.55	8.81	12.2	15.3	17.7	19.0	19.0	17.7	15.4	12.3	8.91	5.66	2.90	1.00	0.13	166	166			
	0.11	0.96	2.94	5.74	9.10	12.6	15.9	18.4	19.8	19.8	18.4	15.9	12.7	9.22	5.87	3.02	1.03	0.13	172	172			
	0.11	0.95	2.90	5.68	8.98	12.4	15.6	18.1	19.5	19.5	18.1	15.7	12.5	9.11	5.81	2.99	1.02	0.13	170	169			
	0.10	0.90	2.73	5.35	8.45	11.7	14.7	17.0	18.3	18.3	17.1	14.7	11.8	8.58	5.48	2.81	0.97	0.13	159	159			
	0.09	0.81	2.45	4.83	7.62	10.5	13.2	15.3	16.4	16.4	15.4	13.3	10.6	7.74	4.95	2.53	0.88	0.12	144	143			
-30	0.08	0.69	2.08	4.14	6.55	9.12	11.4	13.1	13.9	14.0	13.2	11.5	9.23	6.67	4.25	2.16	0.76	0.10	123	123			
-40	0.07	0.56	1.66	3.29	5.35	7.48	9.35	10.6	11.2	11.3	10.7	9.42	7.58	5.46	3.39	1.75	0.62	0.09	100	99.6			
-50	0.05	0.41	1.22	2.42	3.99	5.67	7.12	8.09	8.51	8.53	8.13	7.19	5.76	4.09	2.52	1.31	0.47	0.07	75.6	74.8			
-60	0.04	0.26	0.78	1.56	2.62	3.75	4.74	5.36	5.61	5.63	5.41	4.81	3.83	2.71	1.65	0.85	0.32	0.06	50.0	48.3			
-70	0.03	0.15	0.37	0.76	1.31	1.91	2.42	2.72	2.82	2.84	2.76	2.48	1.99	1.39	0.83	0.44	0.19	0.04	25.5	18.6			
-80	0.02	0.08	0.15	0.24	0.39	0.56	0.68	0.72	0.71	0.72	0.74	0.71	0.60	0.42	0.27	0.18	0.10	0.03	7.30	0.00			
-90																							
-90 -80 -70 -60 -50 -40 -30 -20																							

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.500 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: LUMILINE

TYPE: 3000K CRI-90

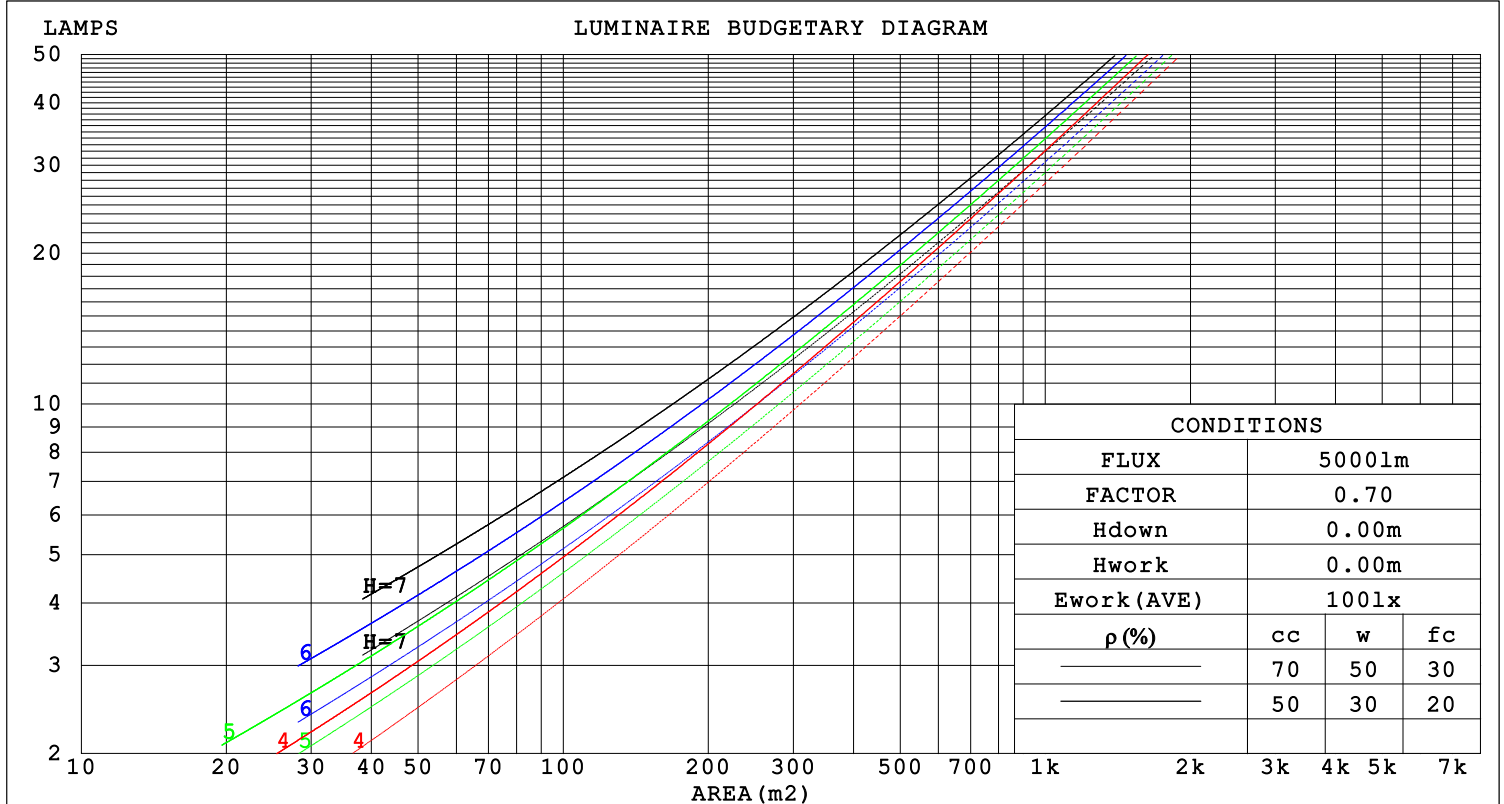
WEIGHT:

SPECIFICATION:

DIMENSION: 1200*25*41 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															



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 m
 Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: LUMILINE							TYPE: 3000K CRI-90					WEIGHT:		
SPECIFICATION:							DIMENSION: 1200*25*41 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	.308	.175	.055	.301	.171	.054	.287	.165	.053	.275	.159	.051	.264	.153	.049	
2.0	.289	.158	.049	.283	.156	.048	.271	.151	.047	.261	.146	.046	.251	.142	.045	
3.0	.268	.142	.043	.262	.140	.042	.252	.136	.041	.242	.133	.041	.233	.129	.040	
4.0	.247	.128	.038	.242	.127	.037	.233	.124	.037	.225	.121	.036	.217	.118	.036	
5.0	.229	.116	.034	.224	.115	.034	.216	.113	.033	.209	.110	.033	.201	.108	.032	
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029	
7.0	.197	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.176	.088	.025	.170	.086	.025	.165	.085	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021	

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	.180	.156	.135	.154	.134	.116	.105	.092	.080	.061	.053	.047	.019	.017	.015	
2.0	.172	.132	.098	.147	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.164	.114	.075	.141	.099	.065	.097	.068	.045	.056	.040	.027	.018	.013	.009	
4.0	.156	.101	.059	.134	.087	.051	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.149	.091	.047	.128	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.128	.069	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.122	.064	.025	.105	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.023	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: LUMILINE					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: 1200*25*41 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	18.8	20.3	19.1	20.5	20.7	18.2	19.7	18.4	19.9	20.1
	3H	20.3	21.7	20.6	21.9	22.2	19.5	20.9	19.8	21.1	21.3
	4H	20.9	22.2	21.2	22.5	22.7	20.0	21.3	20.3	21.5	21.8
	6H	21.3	22.6	21.7	22.8	23.1	20.2	21.5	20.5	21.7	22.0
	8H	21.4	22.6	21.8	22.9	23.2	20.2	21.4	20.6	21.7	22.0
	12H	21.5	22.6	21.8	22.9	23.2	20.2	21.4	20.6	21.7	22.0
4H	2H	19.3	20.6	19.6	20.9	21.1	18.8	20.1	19.1	20.4	20.6
	3H	20.9	22.1	21.3	22.4	22.7	20.3	21.5	20.7	21.8	22.1
	4H	21.6	22.7	22.0	23.0	23.3	20.9	22.0	21.3	22.3	22.6
	6H	22.1	23.1	22.5	23.4	23.8	21.3	22.2	21.7	22.6	22.9
	8H	22.3	23.2	22.7	23.5	23.9	21.3	22.2	21.7	22.5	22.9
	12H	22.4	23.2	22.8	23.6	24.0	21.3	22.1	21.7	22.5	22.9
8H	4H	21.8	22.7	22.2	23.0	23.4	21.1	22.0	21.6	22.4	22.8
	6H	22.4	23.1	22.8	23.5	24.0	21.6	22.3	22.1	22.8	23.2
	8H	22.6	23.2	23.0	23.6	24.1	21.7	22.4	22.2	22.8	23.2
	12H	22.7	23.3	23.2	23.7	24.2	21.8	22.3	22.3	22.8	23.3
12H	4H	21.8	22.6	22.2	23.0	23.4	21.1	21.9	21.6	22.3	22.7
	6H	22.4	23.0	22.9	23.5	23.9	21.6	22.3	22.1	22.7	23.2
	8H	22.6	23.2	23.1	23.6	24.1	21.8	22.3	22.2	22.8	23.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.5					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 1778 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.0)

Test System:HOPOO HPG1800

Temperature:25.3DEG

Operators:

Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)

Humidity:65.0%

Test Distance:7.500 m

Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 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	58	47	40	57	46	40	56	46	39	33
0.80	68	57	49	67	56	49	65	55	49	42
1.00	77	66	58	75	65	58	73	66	57	50
1.25	84	73	66	82	72	66	79	71	65	58
1.50	88	79	72	87	78	71	84	76	70	63
2.00	95	87	80	93	86	80	90	83	78	70
2.50	99	91	85	97	90	85	93	87	83	74
3.00	102	96	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	95	100	96	92	83
5.00	109	104	100	106	102	98	102	98	95	86
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

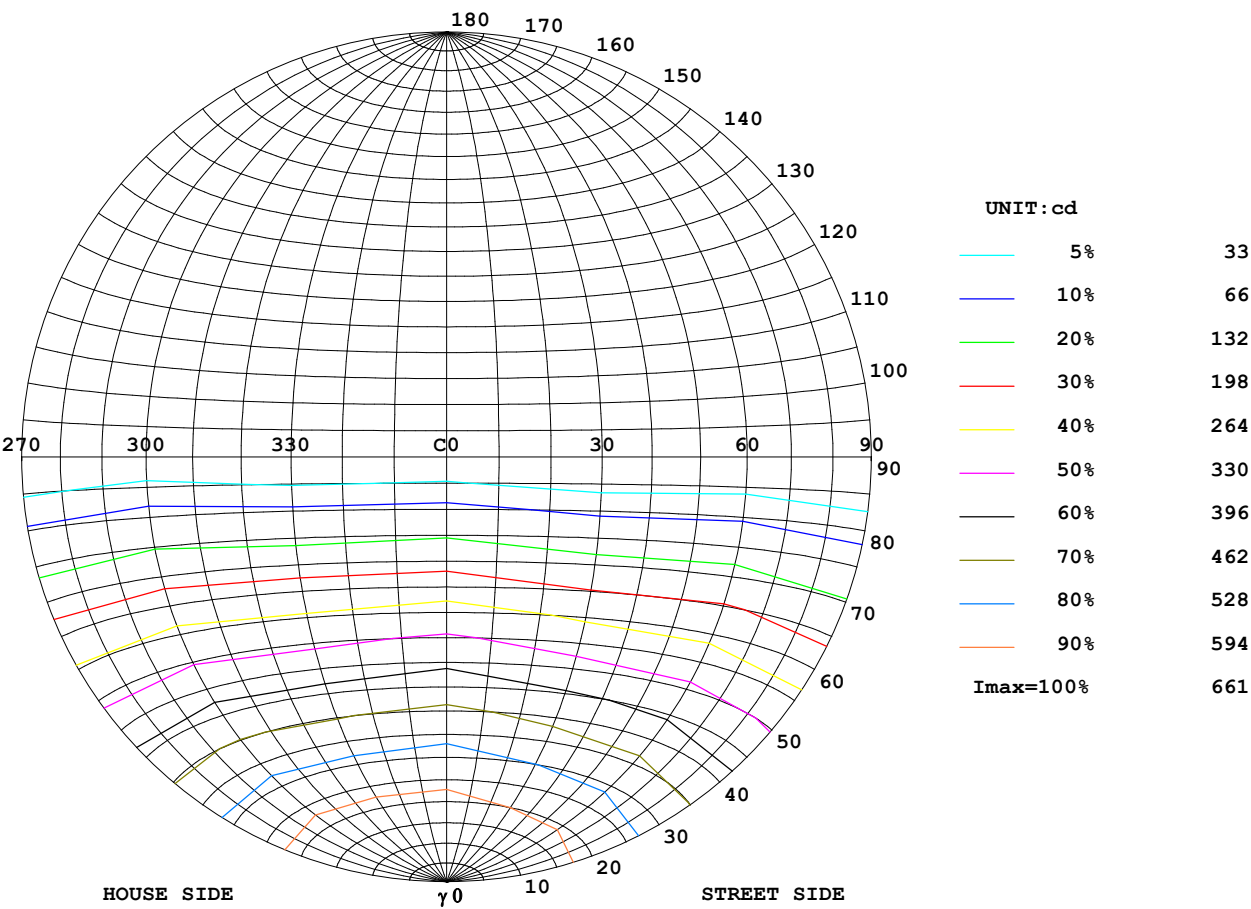
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 06-04-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 7.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

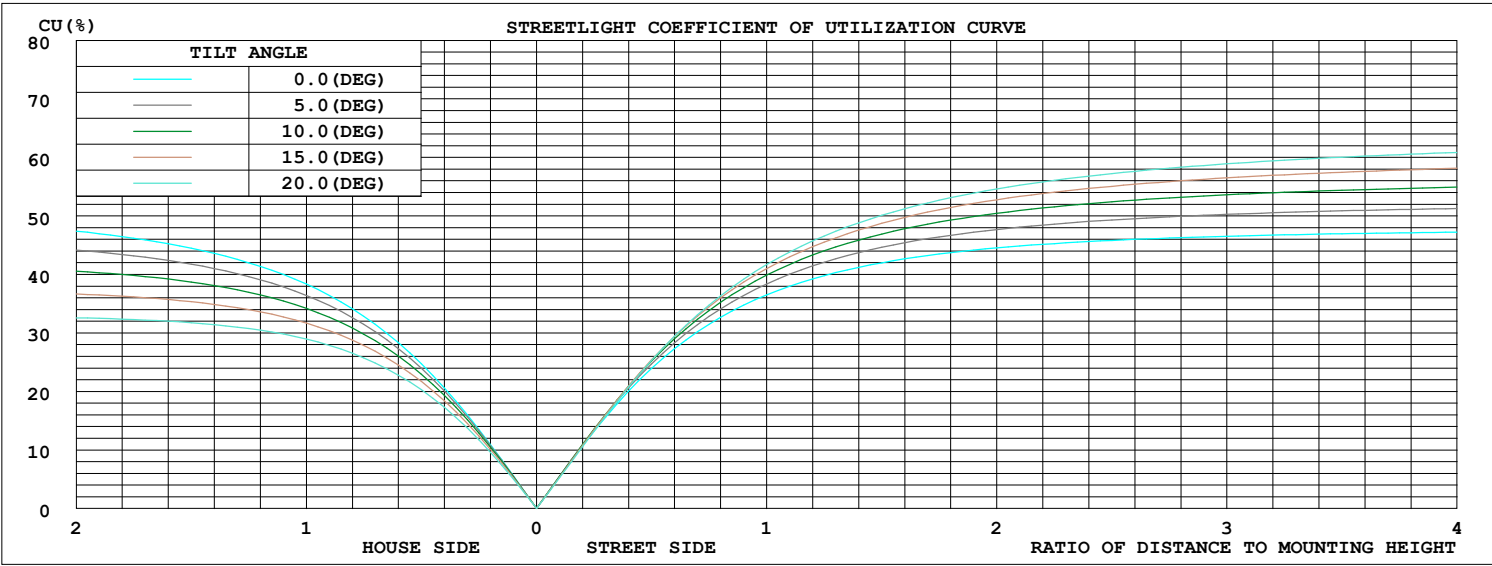
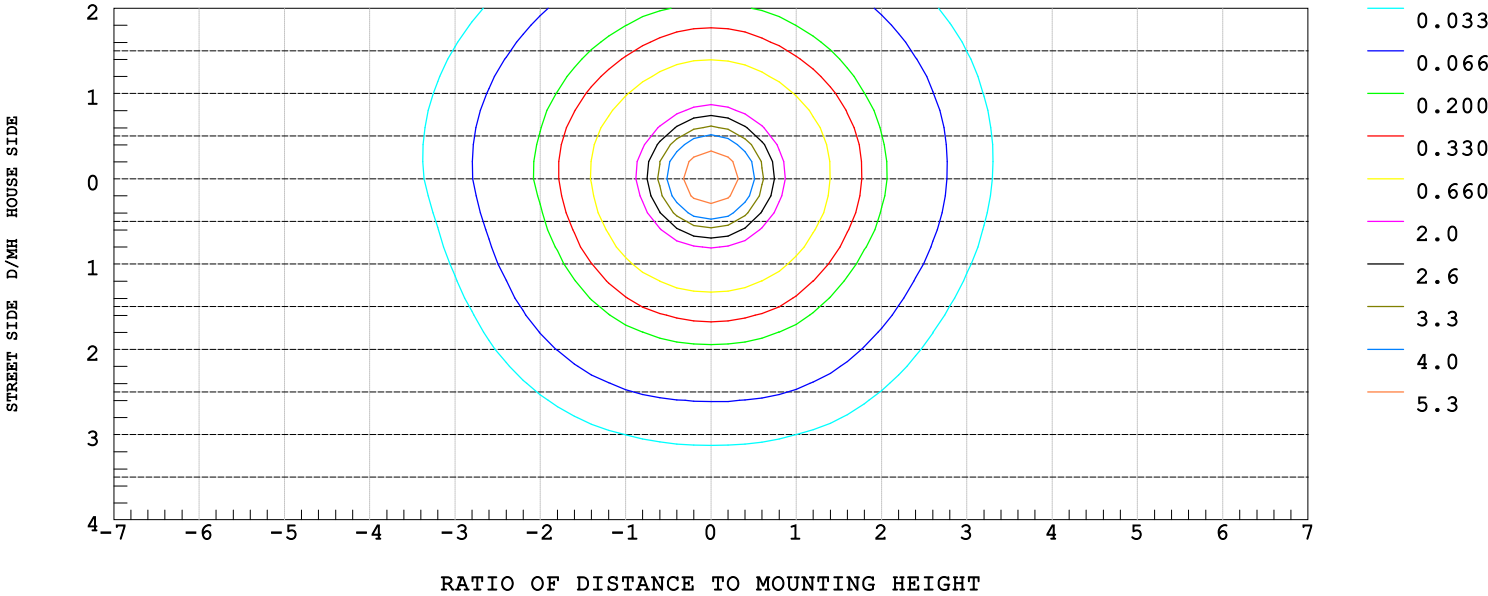
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 6.60 lx



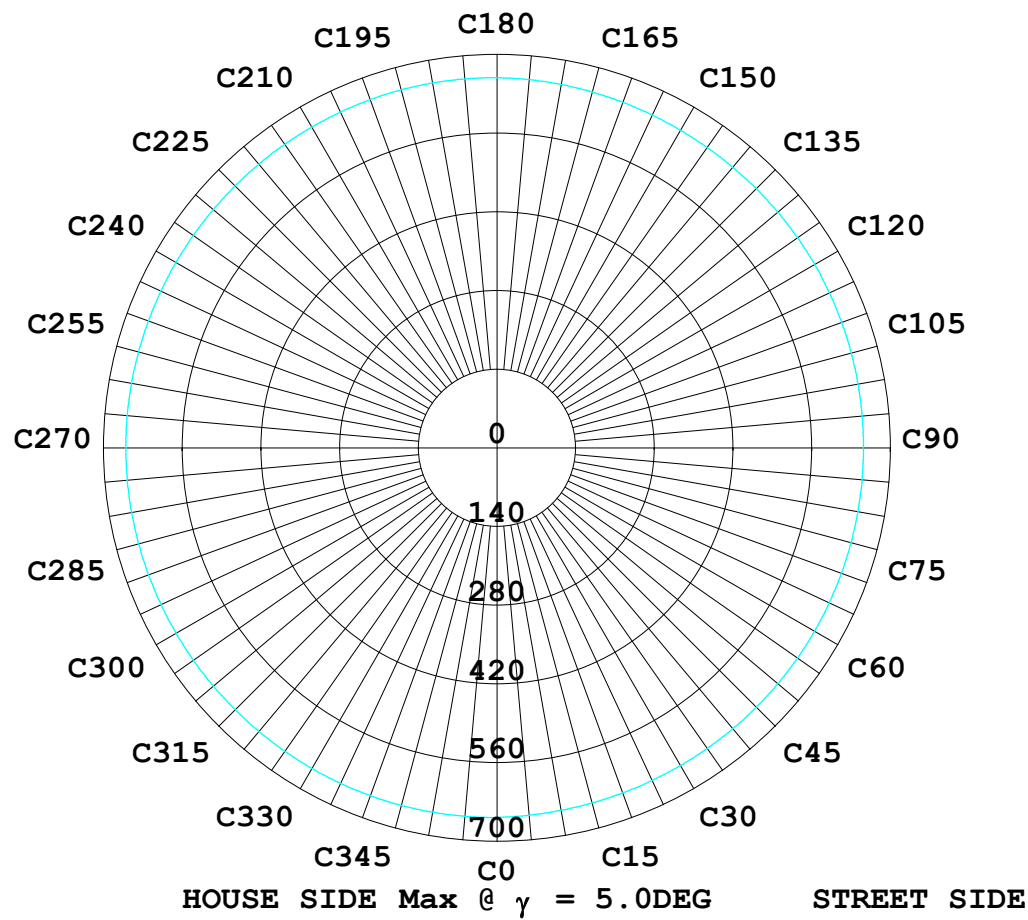
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: LUMILINE	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: 1200*25*41 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	660	659	660	659	660	660	660	659	660	659	660	660
5.0	657	653	652	652	653	653	659	659	660	661	659	659
10.0	648	641	638	633	638	638	646	650	650	651	650	651
15.0	631	621	617	609	615	618	629	635	633	635	633	636
20.0	609	595	588	579	587	592	607	615	609	612	609	615
25.0	583	563	555	543	554	561	580	586	579	582	580	588
30.0	551	529	518	504	515	526	546	553	543	547	543	555
35.0	513	490	477	462	474	485	510	516	504	507	504	519
40.0	474	446	434	417	432	442	469	474	460	463	460	477
45.0	430	402	388	372	386	397	424	430	414	419	415	433
50.0	385	354	342	327	340	349	378	383	367	373	368	386
55.0	337	305	297	280	294	300	330	333	318	326	319	336
60.0	288	256	249	234	247	250	279	283	269	279	270	286
65.0	235	200	201	183	199	195	230	230	230	230	229	234
70.0	175	150	151	136	149	145	169	175	166	176	168	175
75.0	127	103	104	91.5	102	97.3	116	125	117	129	118	129
80.0	76.6	57.3	60.1	50.0	57.4	53.0	66.9	76.0	70.6	81.2	72.6	80.5
85.0	34.7	21.0	25.0	17.2	23.3	17.2	25.4	34.2	29.1	39.0	30.7	37.9
90.0	9.95	6.01	9.05	5.90	9.11	6.01	5.56	7.93	5.34	10.1	5.96	9.11

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:06-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.500 m
Remarks: 3000K