

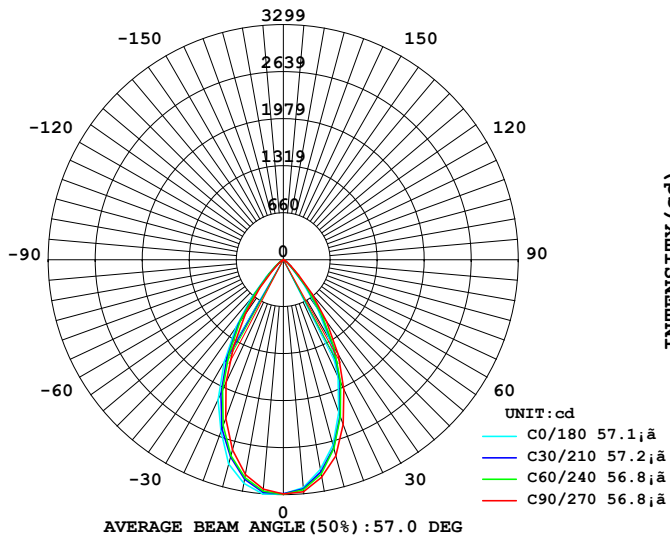
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

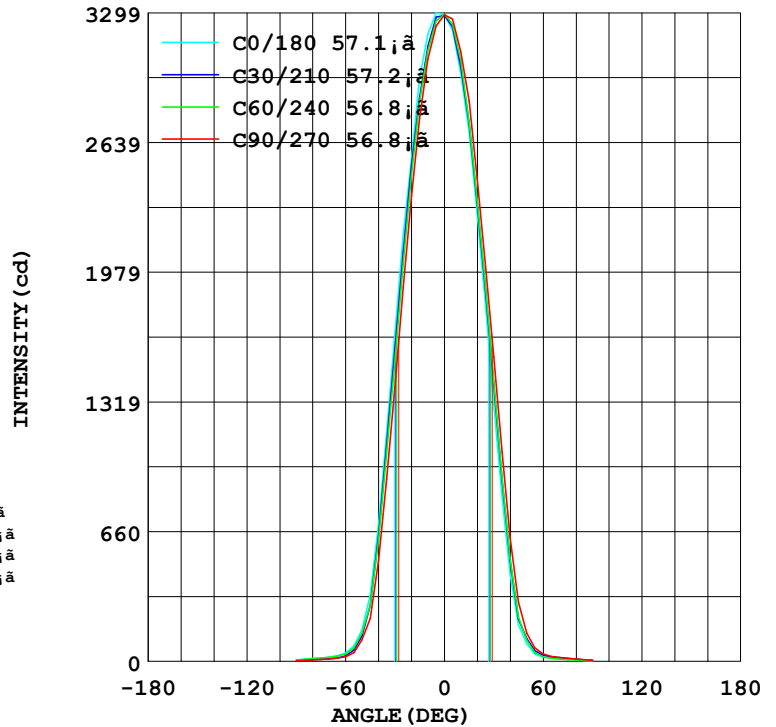
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3299	S/MH (C0/180)	0.91
MODEL	PHONEIX 80	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.85
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	2948.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	96.4	Current (A)	0.130
NOMINAL FLUX (lm)	2949.0	η up (%)	0.0	Power (W)	30.60
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	2747.5	EEI	0.152

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 10-03-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

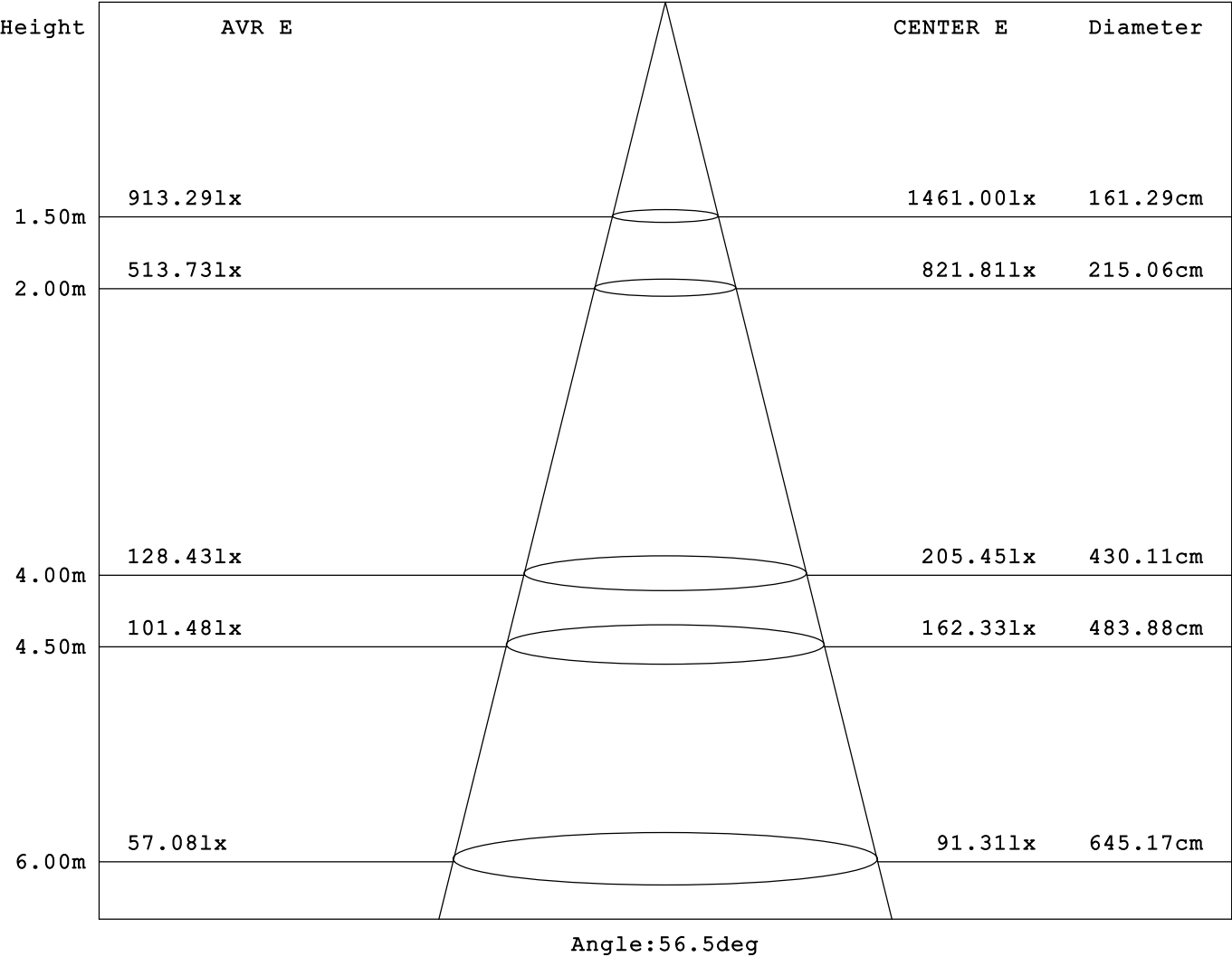
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3190	3116	3063	3010	2990	3041	3099	3180	0- 10	304.9	304.9
20.0	2560	2499	2369	2287	2279	2341	2456	2606	10- 20	781.8	1087
30.0	1668	1558	1396	1305	1304	1415	1548	1645	20- 30	899.5	1986
40.0	698.4	629.4	515.2	451.8	444.9	516.8	629.3	688.3	30- 40	626.0	2612
50.0	160.1	136.6	109.0	97.26	89.98	112.2	144.5	152.6	40- 50	231.4	2844
60.0	42.97	33.80	24.16	25.78	21.60	27.80	38.10	37.51	50- 60	60.37	2904
70.0	21.76	17.11	12.70	15.52	13.39	15.33	19.82	17.73	60- 70	22.30	2927
80.0	14.86	11.34	7.976	9.641	8.363	9.486	12.85	11.38	70- 80	14.29	2941
90.0	7.434	5.459	3.484	4.956	4.956	3.639	5.265	4.607	80- 90	8.142	2949
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:10-03-2025

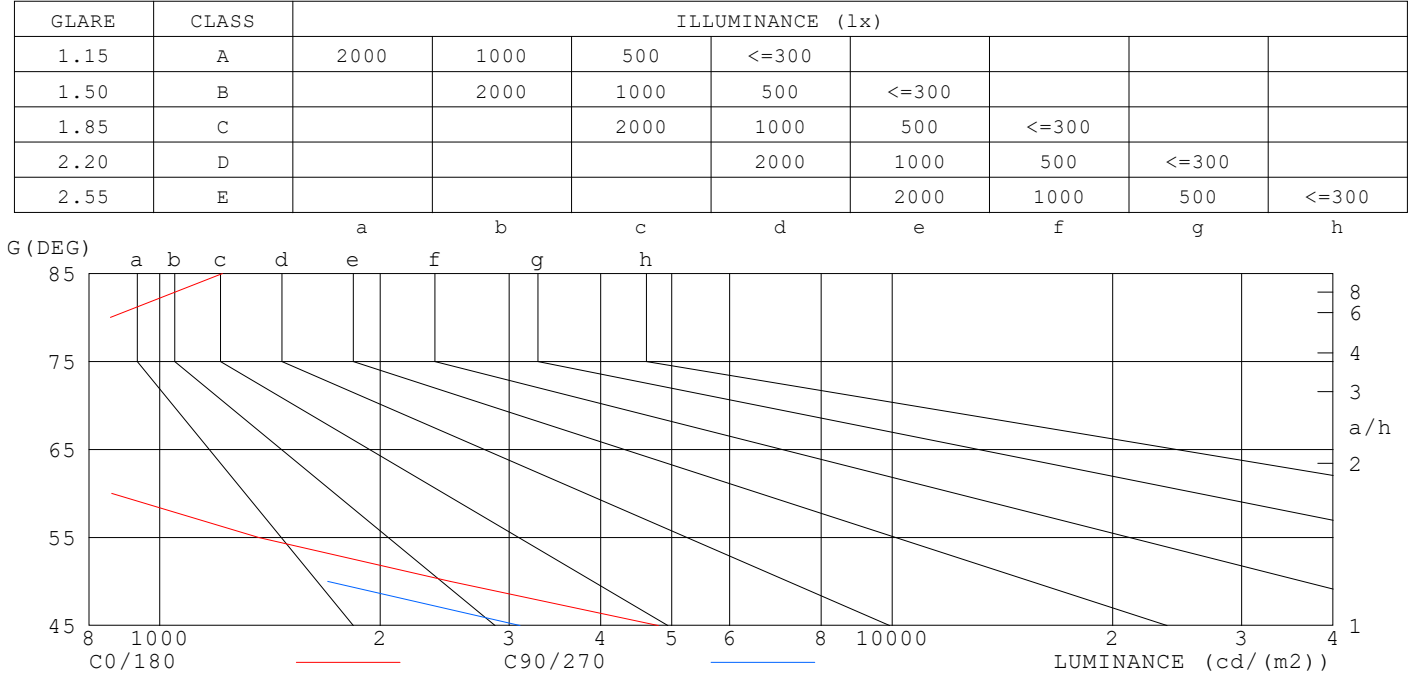
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1217	586
80	856	459
75	688	395
70	636	371
65	658	388
60	860	483
55	1366	794
50	2491	1696
45	4794	3105

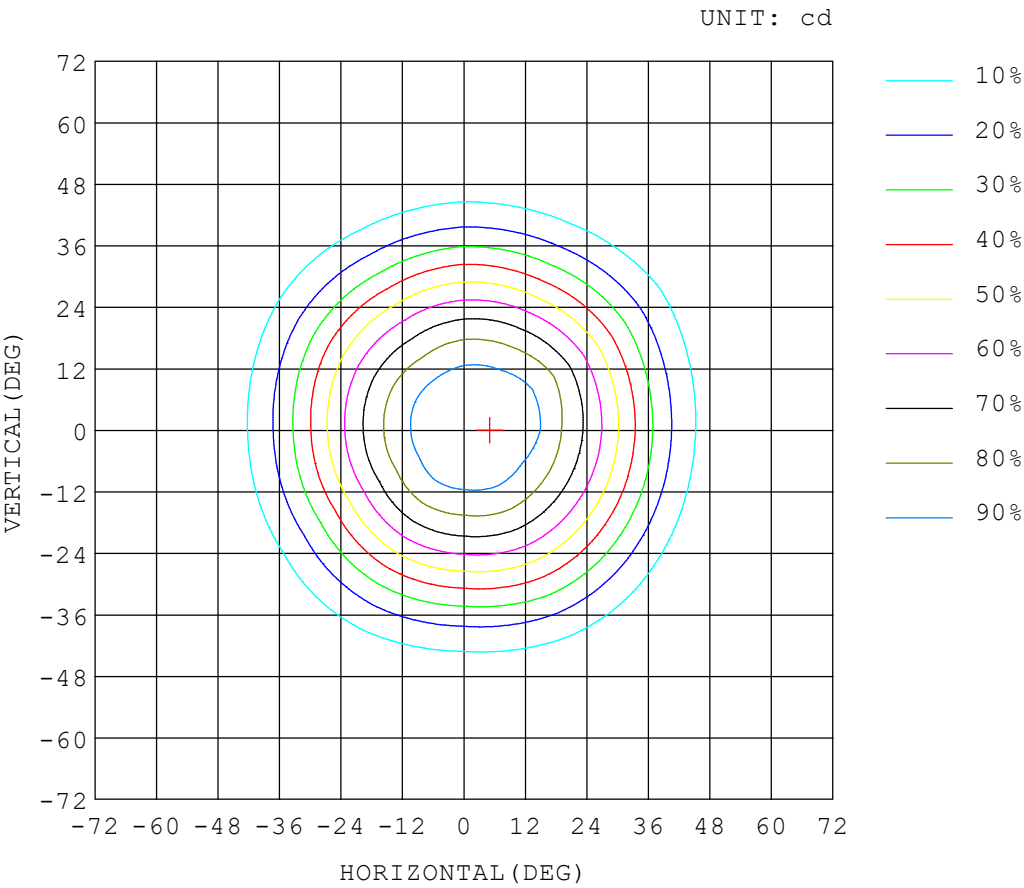
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:



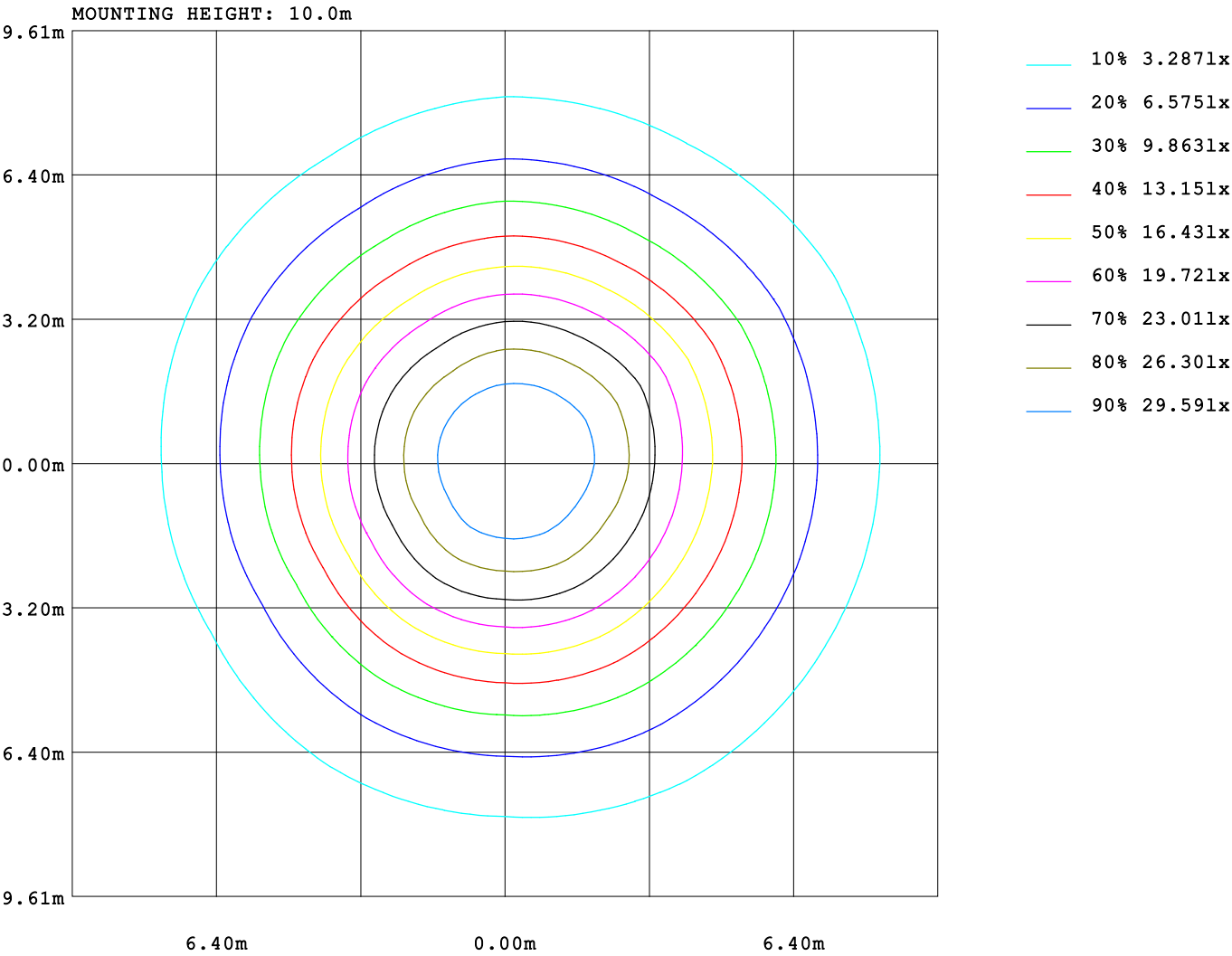
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: PHONEIX 80 TRACK LIGHT										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 700 MA										DIMENSION: D-80 H-180 MM					SERIAL No.:				

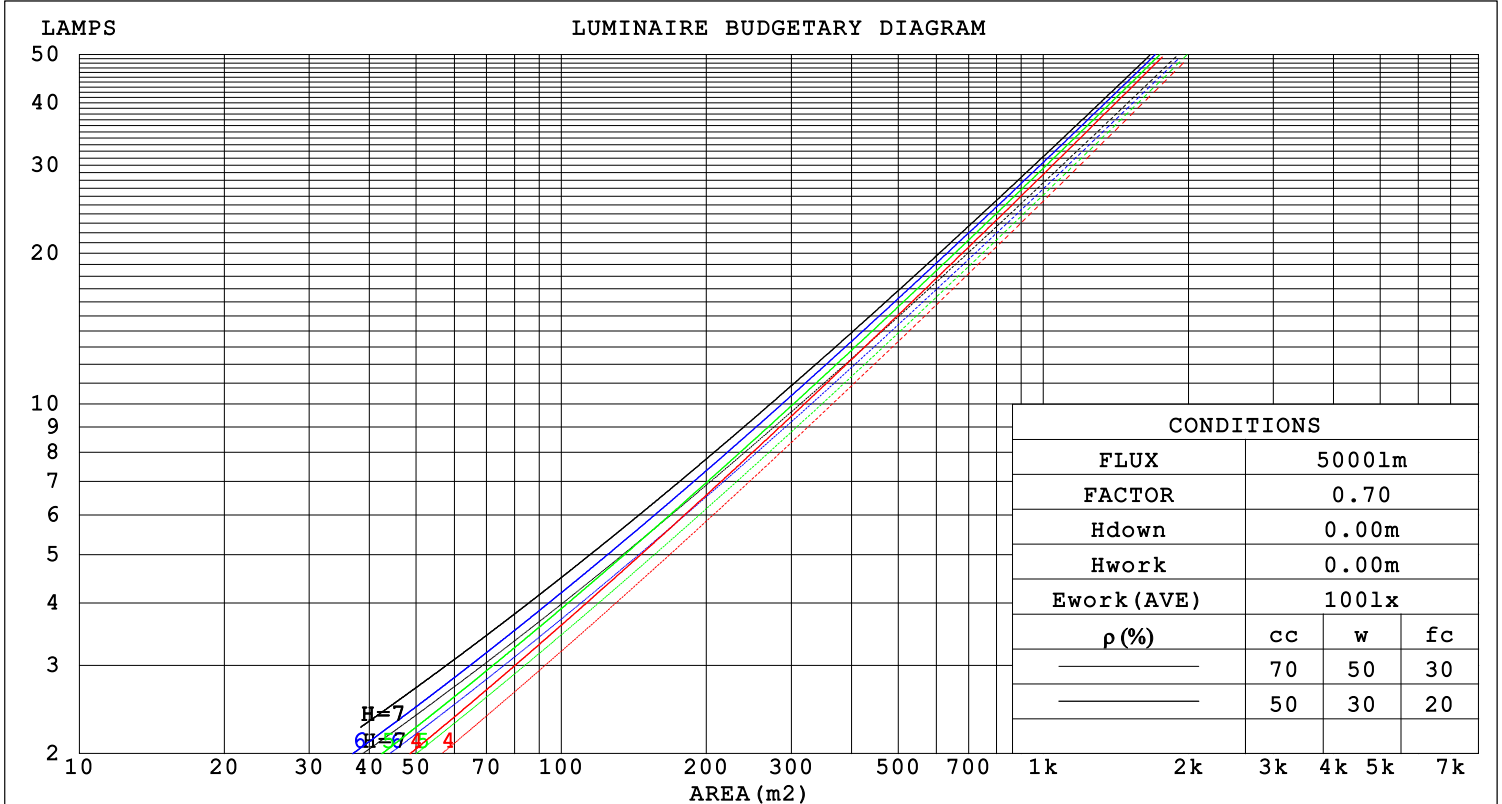
72	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.07	0.12	0.16	0.18	0.20	0.21	0.27	0.34	0.40	0.41	0.36	0.29	0.24	0.23	0.21	0.18	0.14	0.09	4.10	0.00			
64	0.08	0.14	0.20	0.24	0.28	0.32	0.44	0.61	0.76	0.78	0.67	0.51	0.38	0.33	0.28	0.23	0.17	0.11	6.50	0.00			
56	0.09	0.16	0.24	0.33	0.46	0.67	1.09	1.66	2.15	2.23	1.86	1.35	0.91	0.62	0.41	0.29	0.20	0.12	14.8	0.00			
48	0.10	0.18	0.30	0.51	0.98	1.86	3.23	5.29	7.00	7.29	6.03	4.07	2.50	1.39	0.74	0.40	0.23	0.13	42.3	16.0			
40	0.11	0.20	0.39	0.92	2.15	4.77	9.24	14.3	18.1	18.7	15.9	11.3	6.63	3.17	1.39	0.58	0.27	0.15	108	93.7			
32	0.11	0.21	0.51	1.56	4.33	10.7	18.9	26.9	32.4	33.3	29.3	22.2	13.9	6.64	2.43	0.84	0.32	0.16	205	195			
24	0.11	0.23	0.68	2.28	7.68	17.6	29.3	39.2	45.9	47.2	42.8	33.8	22.1	11.0	3.78	1.14	0.38	0.17	306	298			
VERTICAL (DEG)	0.11	0.24	0.82	3.13	10.5	23.1	37.2	48.9	56.4	57.9	53.4	43.0	28.6	14.7	5.19	1.42	0.43	0.18	386	379			
	0.11	0.24	0.89	3.61	12.0	25.8	41.1	54.0	61.7	63.1	58.4	46.7	31.8	16.7	6.00	1.59	0.46	0.18	425	418			
	0.11	0.23	0.85	3.49	11.6	25.2	40.5	53.4	61.3	62.5	57.2	45.8	31.2	16.4	5.85	1.54	0.45	0.18	418	411			
	0.10	0.21	0.72	2.83	9.62	21.4	35.4	48.1	55.8	56.8	51.5	40.8	27.1	13.9	4.77	1.29	0.40	0.16	371	364			
	0.10	0.19	0.54	1.91	6.46	15.6	27.3	38.2	44.6	45.7	41.4	32.0	20.6	9.88	3.22	0.97	0.33	0.15	289	281			
	0.09	0.17	0.37	1.16	3.53	9.39	17.7	25.4	30.2	31.1	28.0	21.3	12.8	5.53	1.90	0.64	0.26	0.14	190	180			
	0.09	0.15	0.26	0.63	1.76	4.26	8.65	13.1	15.9	16.6	14.8	10.8	5.98	2.64	1.00	0.41	0.21	0.12	97.6	84.1			
	0.08	0.13	0.20	0.37	0.84	1.78	3.08	4.56	5.61	5.91	5.32	3.95	2.41	1.19	0.54	0.26	0.17	0.11	36.5	10.5			
	0.07	0.11	0.17	0.27	0.45	0.75	1.13	1.45	1.65	1.74	1.66	1.39	0.97	0.58	0.33	0.20	0.14	0.10	13.1	0.00			
	0.06	0.09	0.14	0.22	0.32	0.43	0.50	0.54	0.54	0.56	0.60	0.57	0.50	0.36	0.25	0.16	0.11	0.08	6.03	0.00			
-72	0.05	0.07	0.12	0.18	0.25	0.31	0.33	0.32	0.30	0.30	0.33	0.35	0.34	0.27	0.20	0.14	0.10	0.07	4.01	0.00			
-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)					16	24	32	40	48	56	64	72			
Φ t	1.63	3.07	7.55	23.8	73.5	164	276	377	441	453	410	321	209	106	38.5	12.2	4.75	2.39	2949				
Φ a	0.00	0.00	0.00	3.99	58.6	152	264	366	430	442	399	309	197	91.7	17.2	0.00	0.00	0.00		2747			

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

Report number:

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															
	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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93
2.0	1.02	.98	.94	1.00	.97	.93	.97	.94	.91	.94	.92	.89	.91	.89	.88	.86
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79
4.0	.88	.83	.78	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.70	.77	.73	.70	.68
6.0	.77	.71	.67	.77	.71	.66	.75	.70	.66	.74	.69	.66	.72	.68	.65	.64
7.0	.73	.66	.62	.72	.66	.62	.71	.65	.62	.69	.65	.61	.68	.64	.61	.59
8.0	.68	.62	.58	.68	.62	.58	.67	.61	.57	.65	.61	.57	.65	.60	.57	.56
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.53	.52
10.0	.61	.55	.51	.60	.55	.51	.59	.54	.51	.59	.54	.50	.58	.54	.50	.49



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: PHONEIX 80 TRACK LIGHT								TYPE: 5700K CRI-90				WEIGHT:		
SPECIFICATION: FULHAM 700 MA								DIMENSION: D-80 H-180 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	.187	.106	.034	.180	.103	.033	.168	.096	.031	.156	.090	.029	.145	.084	.027	
2.0	.179	.098	.030	.173	.095	.029	.162	.090	.028	.153	.086	.027	.143	.081	.026	
3.0	.170	.090	.027	.165	.088	.027	.156	.085	.026	.147	.081	.025	.140	.077	.024	
4.0	.162	.084	.025	.157	.082	.024	.149	.079	.024	.142	.076	.023	.135	.073	.022	
5.0	.154	.078	.023	.150	.077	.022	.143	.075	.022	.137	.072	.021	.131	.070	.021	
6.0	.146	.073	.021	.143	.072	.021	.137	.070	.020	.131	.068	.020	.126	.066	.020	
7.0	.140	.069	.020	.137	.068	.019	.131	.066	.019	.126	.065	.019	.122	.063	.019	
8.0	.134	.065	.018	.131	.064	.018	.126	.063	.018	.122	.062	.018	.117	.060	.018	
9.0	.128	.062	.017	.125	.061	.017	.121	.060	.017	.117	.059	.017	.113	.057	.017	
10.0	.122	.059	.016	.120	.058	.016	.116	.057	.016	.113	.056	.016	.109	.055	.016	

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	.172	.157	.144	.147	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.157	.132	.112	.135	.114	.097	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.124	.098	.077	.085	.068	.054	.049	.040	.032	.016	.013	.010	
4.0	.135	.099	.071	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.008	
5.0	.127	.088	.059	.109	.076	.051	.075	.053	.036	.043	.031	.021	.014	.010	.007	
6.0	.119	.078	.049	.103	.068	.043	.071	.047	.030	.041	.028	.018	.013	.009	.006	
7.0	.113	.071	.041	.097	.061	.036	.067	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.107	.065	.035	.092	.056	.031	.064	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.102	.060	.031	.088	.052	.027	.061	.036	.019	.036	.021	.011	.012	.007	.004	
10.0	.098	.055	.027	.084	.048	.023	.058	.034	.017	.034	.020	.010	.011	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: PHONEIX 80 TRACK LIGHT					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 700 MA					DIMENSION: D-80 H-180 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		13.2	14.2	13.5	14.4	14.6	12.4	13.4	12.6	13.6	13.7
	3H	13.1	14.1	13.4	14.3	14.5	12.3	13.2	12.5	13.4	13.6
	4H	13.1	14.0	13.4	14.2	14.4	12.2	13.1	12.5	13.3	13.6
	6H	13.1	13.9	13.4	14.2	14.4	12.2	13.0	12.5	13.3	13.5
	8H	13.1	13.9	13.5	14.2	14.4	12.2	13.0	12.5	13.2	13.5
	12H	13.2	13.9	13.5	14.2	14.5	12.2	12.9	12.5	13.2	13.5
4H	2H	13.0	13.9	13.3	14.1	14.3	12.2	13.0	12.5	13.3	13.5
	3H	12.9	13.7	13.3	13.9	14.2	12.1	12.9	12.4	13.1	13.4
	4H	12.9	13.6	13.3	13.9	14.2	12.1	12.8	12.5	13.1	13.4
	6H	13.0	13.6	13.4	13.9	14.3	12.1	12.7	12.5	13.1	13.4
	8H	13.0	13.6	13.4	13.9	14.3	12.2	12.7	12.6	13.1	13.4
	12H	13.1	13.6	13.5	14.0	14.4	12.2	12.7	12.6	13.0	13.4
8H	4H	12.8	13.4	13.2	13.7	14.1	12.0	12.6	12.4	12.9	13.3
	6H	12.9	13.4	13.4	13.8	14.2	12.2	12.6	12.6	13.0	13.4
	8H	13.0	13.4	13.5	13.8	14.3	12.2	12.6	12.7	13.0	13.5
	12H	13.1	13.5	13.6	13.9	14.4	12.3	12.6	12.8	13.1	13.5
12H	4H	12.8	13.3	13.2	13.7	14.1	12.0	12.5	12.4	12.9	13.3
	6H	12.9	13.3	13.4	13.7	14.2	12.1	12.5	12.6	13.0	13.4
	8H	13.0	13.3	13.5	13.8	14.3	12.2	12.6	12.7	13.0	13.5
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 5.4					+ 2.5 / - 5.2				
1.5H		+ 4.8 / - 5.9					+ 4.3 / - 4.9				
2.0H		+ 6.0 / - 2.8					+ 4.0 / - 2.6				

CIE Pub.117 Corrected 2949 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 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	84	77	73	84	77	73	83	77	73	69
0.80	92	86	82	92	86	82	90	85	81	77
1.00	97	91	87	96	91	87	95	91	86	82
1.25	102	96	92	101	95	92	99	94	91	87
1.50	105	99	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	104	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

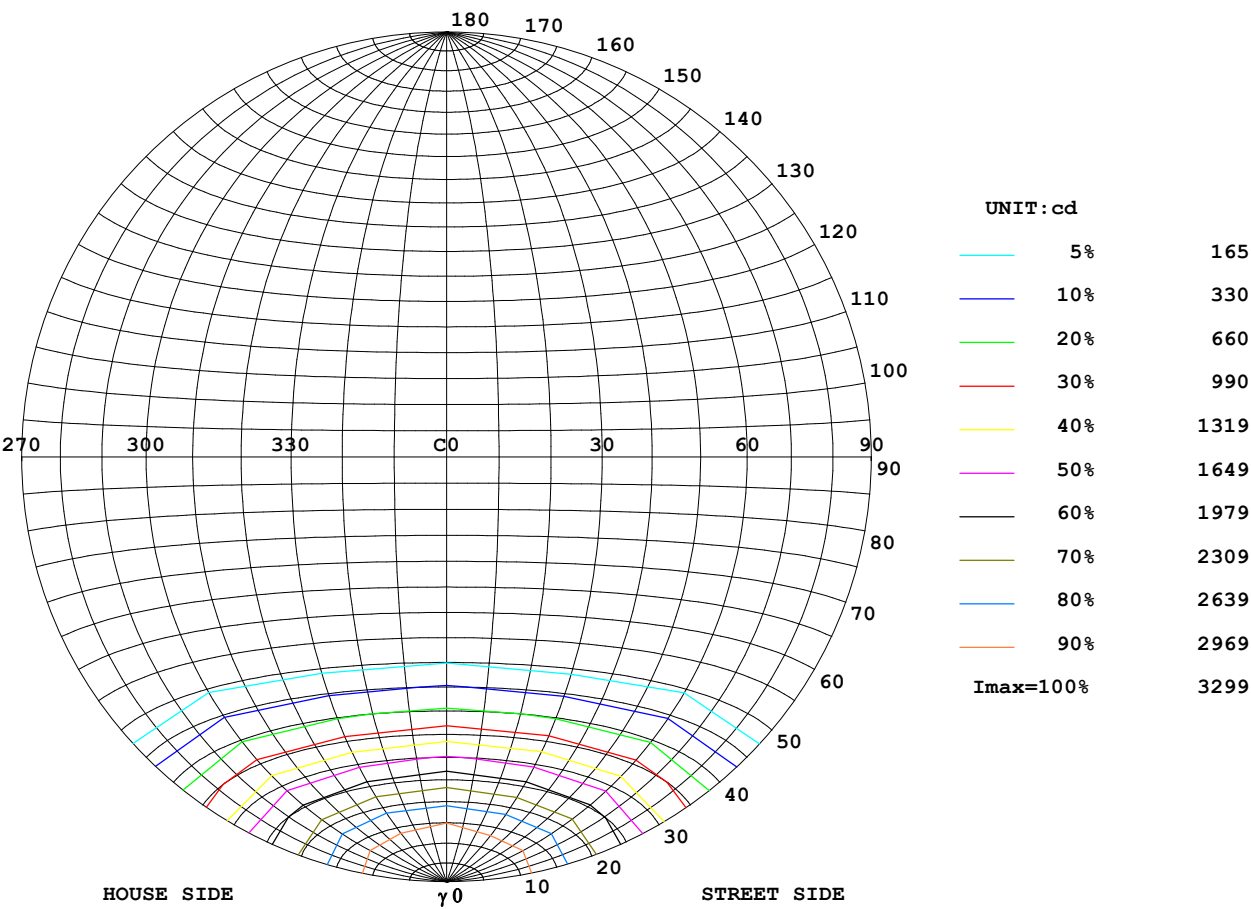
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 10-03-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.800 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

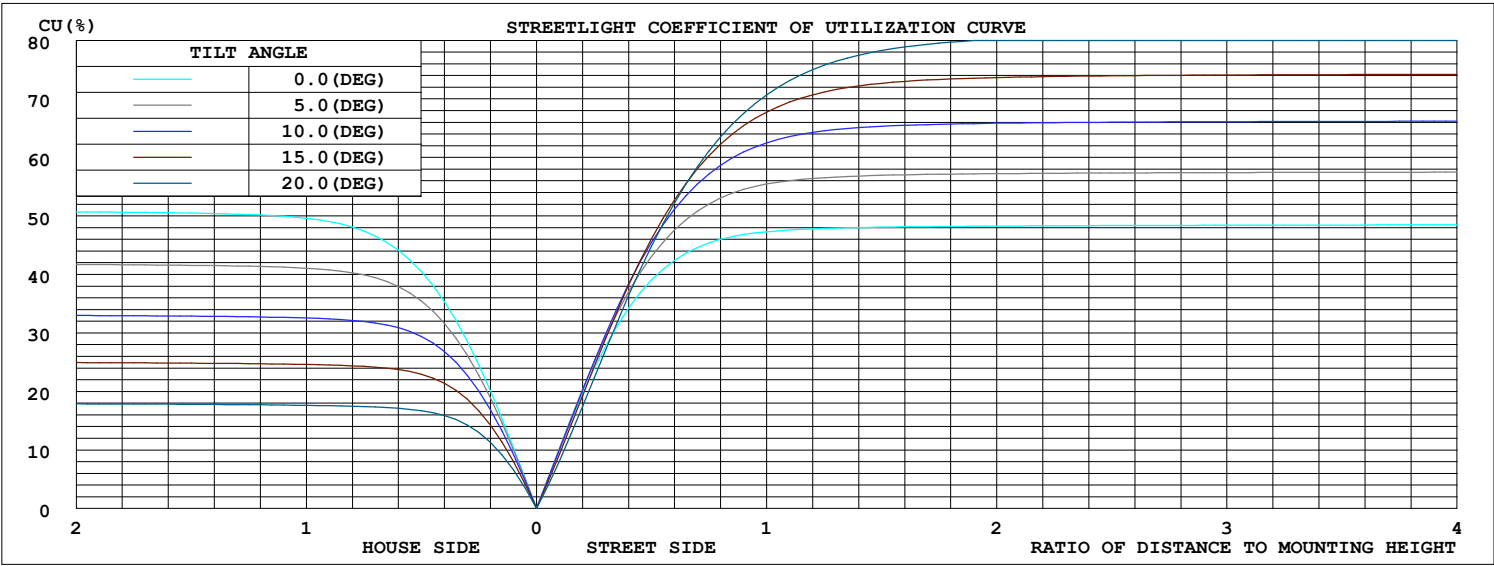
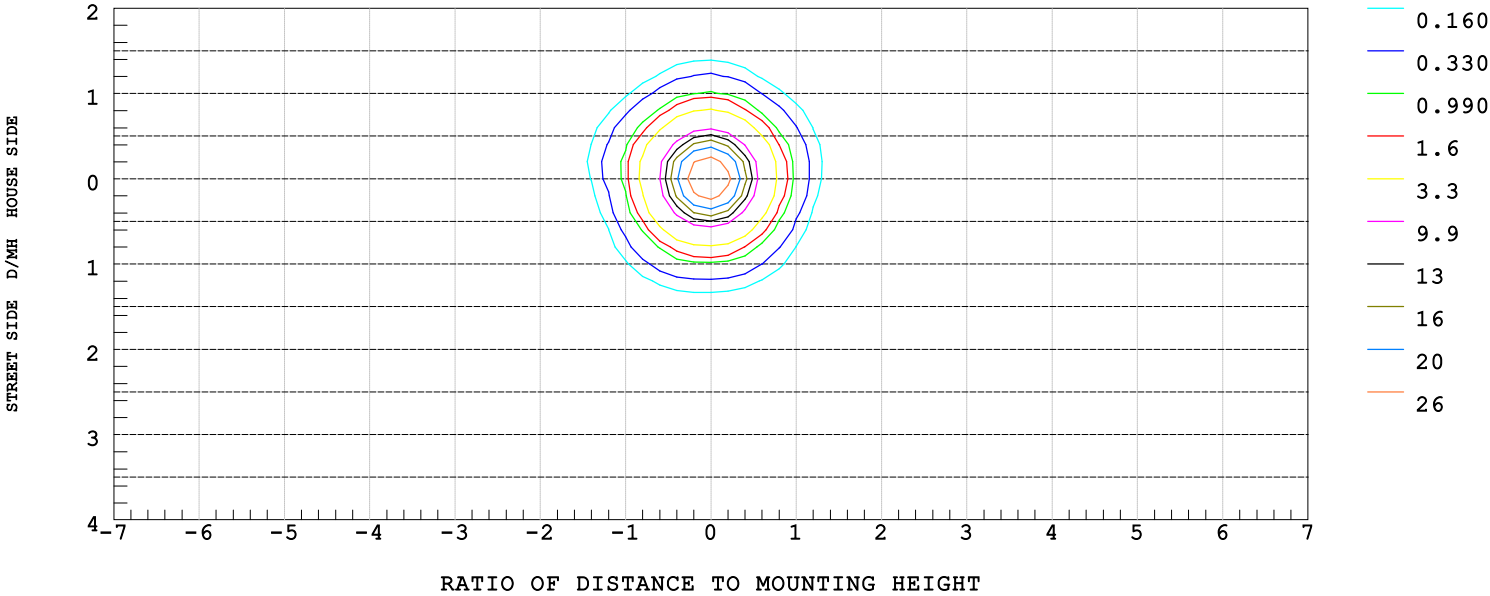
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 32.87 lx



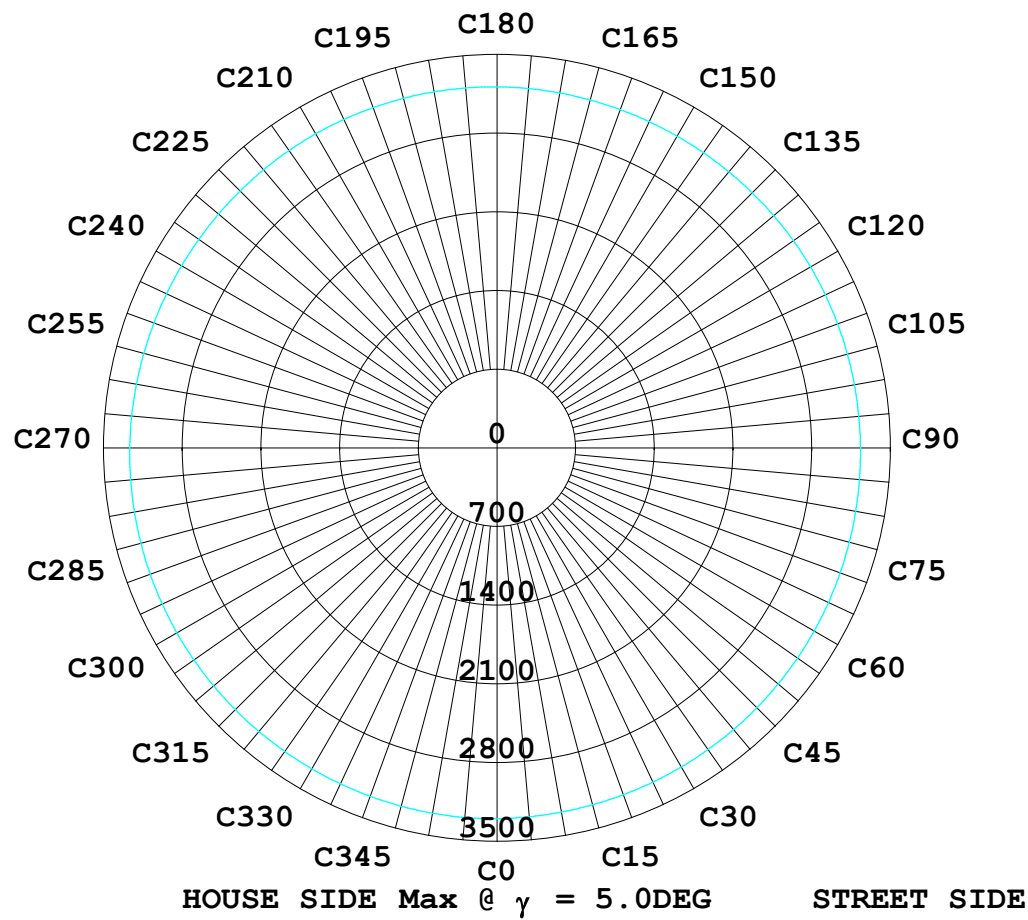
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3287	3285	3291	3288	3292	3286	3287	3285	3291	3288	3292	3286
5.0	3299	3277	3258	3233	3221	3203	3212	3227	3241	3268	3289	3296
10.0	3190	3128	3105	3063	3043	2978	2990	3025	3057	3099	3153	3206
15.0	2965	2865	2845	2761	2746	2660	2692	2734	2741	2850	2899	3003
20.0	2560	2523	2475	2369	2330	2243	2279	2334	2348	2456	2540	2672
25.0	2171	2081	2024	1904	1859	1758	1817	1888	1911	2014	2087	2216
30.0	1668	1588	1529	1396	1357	1252	1304	1406	1425	1548	1580	1711
35.0	1160	1099	1057	925	892	794	832	919	934	1063	1078	1191
40.0	698	641	618	515	494	410	445	513	521	629	641	735
45.0	339	286	286	220	215	173	186	216	225	301	296	365
50.0	160	129	144	109	113	81.2	89.9	117	108	145	135	171
55.0	78.3	57.0	68.6	45.5	53.2	34.6	38.3	54.6	45.3	69.4	61.7	86.1
60.0	42.9	28.8	38.7	24.1	31.9	19.5	21.6	32.2	23.3	38.1	29.9	45.0
65.0	27.8	17.8	26.1	16.4	23.6	14.7	16.3	23.3	15.4	25.2	17.8	28.3
70.0	21.7	13.7	20.4	12.7	19.0	12.0	13.3	18.6	12.0	19.8	13.5	21.9
75.0	17.8	11.1	16.4	10.2	15.7	9.75	11.0	15.1	9.44	16.0	10.8	17.5
80.0	14.8	9.06	13.6	7.97	12.3	6.89	8.36	11.8	7.12	12.8	8.51	14.2
85.0	10.6	5.96	9.83	5.11	8.82	4.25	5.34	7.89	3.94	8.98	5.18	10.1
90.0	7.43	4.18	6.73	3.48	6.27	3.63	4.95	5.03	2.24	5.26	2.78	6.42

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K