

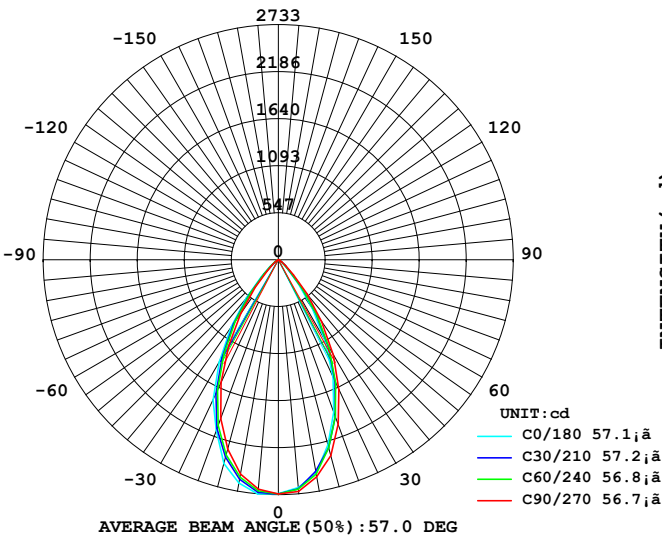
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

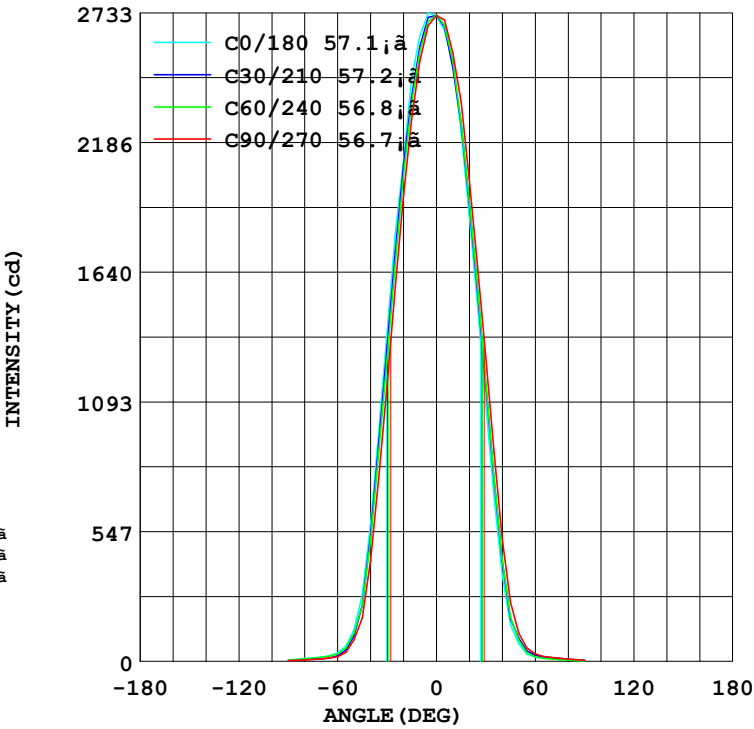
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2733	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)	2442.3	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	79.3	Current (A)	0.103
NOMINAL FLUX (lm)	2442.3	η up (%)	0.0	Power (W)	30.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	2275.2	EEI	0.184

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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:8.000 m
Remarks: 3000K

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: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

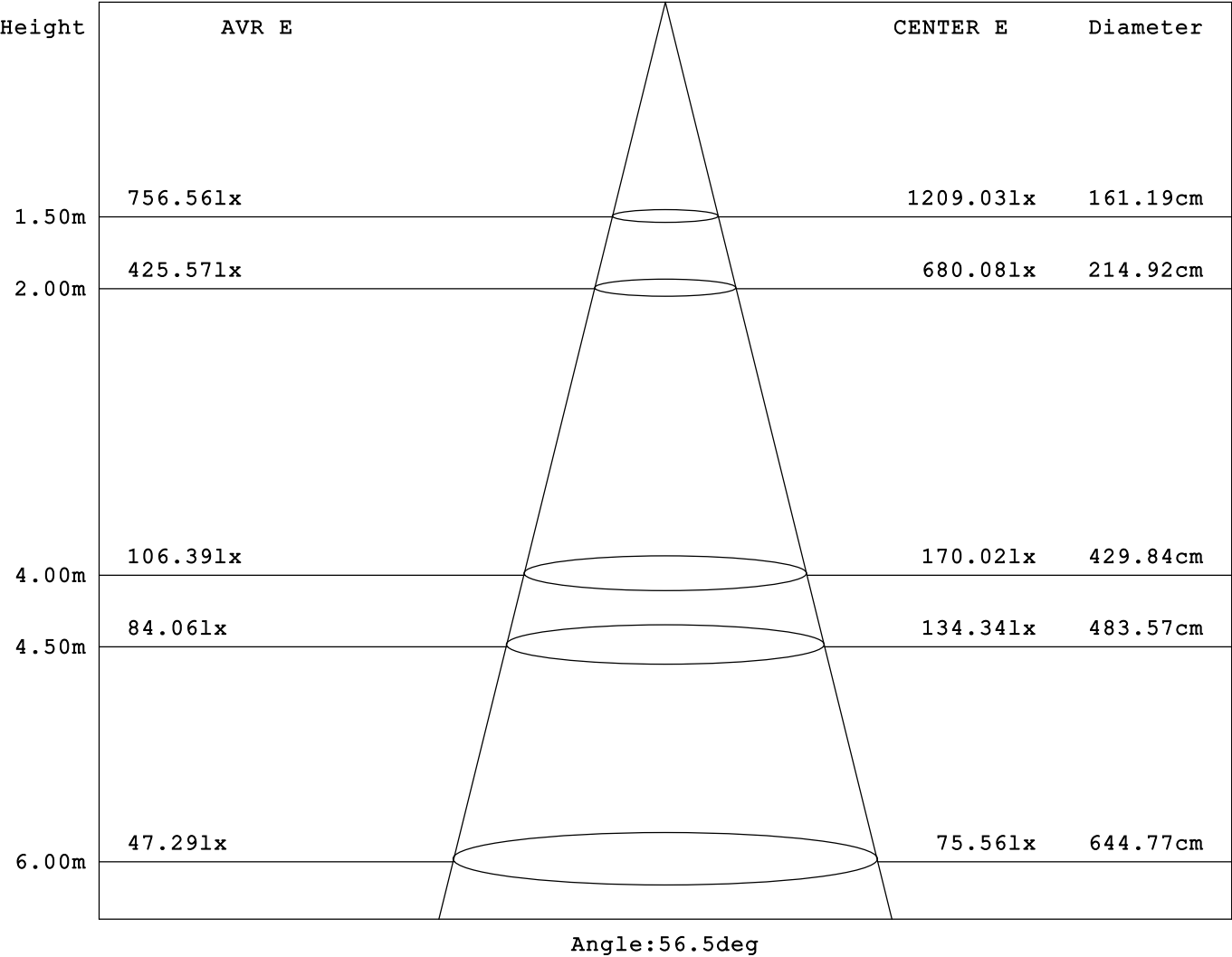
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 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: PHONEIX 80 TRACK LIGHT	TYPE: 3000K 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:8.000 m
Remarks: 3000K

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: 3000K 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	2637	2580	2530	2492	2526	2516	2564	2633	0- 10	252.5	252.5
20.0	2111	2070	1964	1894	1886	1940	2034	2158	10- 20	647.3	899.9
30.0	1381	1290	1156	1080	1081	1171	1281	1362	20- 30	744.8	1645
40.0	578.4	521.1	426.8	375.3	369.4	428.7	521.4	569.8	30- 40	518.5	2163
50.0	132.8	113.0	90.49	80.73	74.75	93.21	119.9	126.5	40- 50	191.8	2355
60.0	35.58	27.96	20.03	21.43	17.92	23.07	31.55	31.13	50- 60	50.07	2405
70.0	17.98	14.17	10.49	12.86	11.13	12.73	16.38	14.72	60- 70	18.49	2424
80.0	12.28	9.408	6.656	8.032	7.040	7.808	10.68	9.408	70- 80	11.83	2436
90.0	6.144	4.480	2.816	4.096	4.160	3.040	4.352	3.808	80- 90	6.729	2442
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

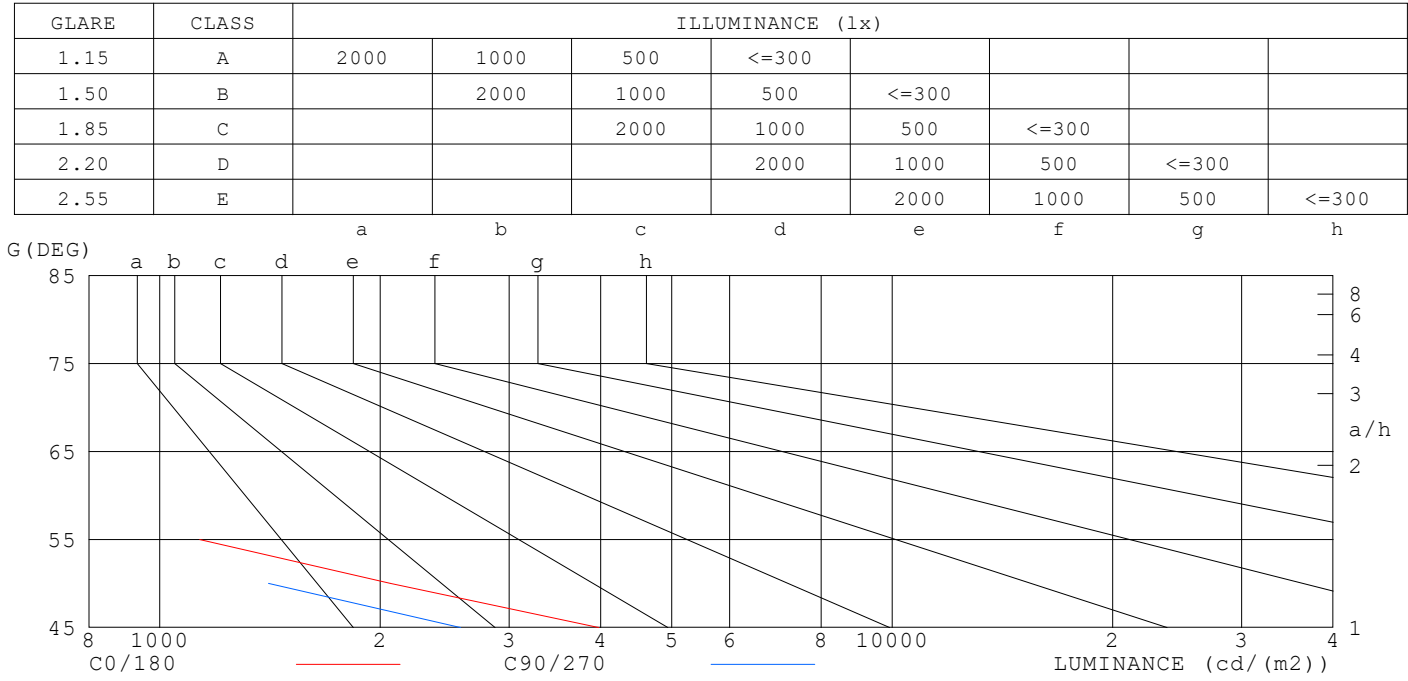
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

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: 3000K 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	1006	485
80	708	383
75	569	326
70	526	307
65	545	321
60	712	401
55	1134	659
50	2066	1408
45	3975	2574

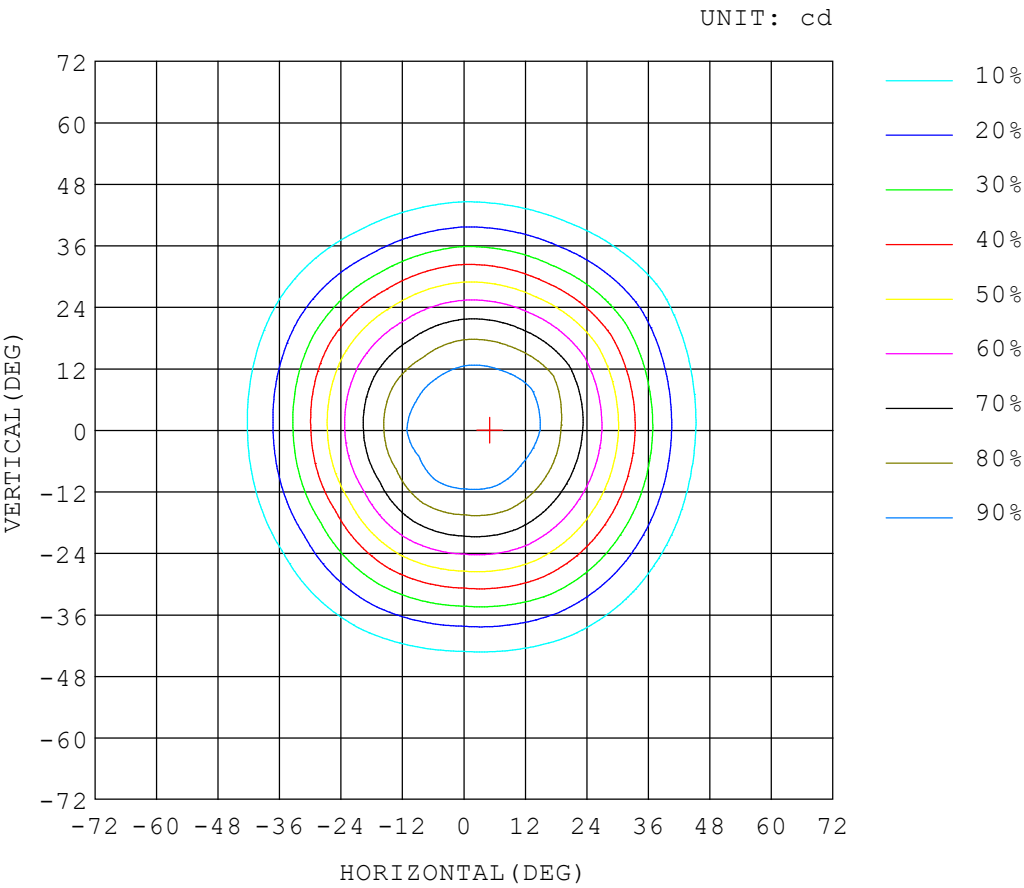
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:



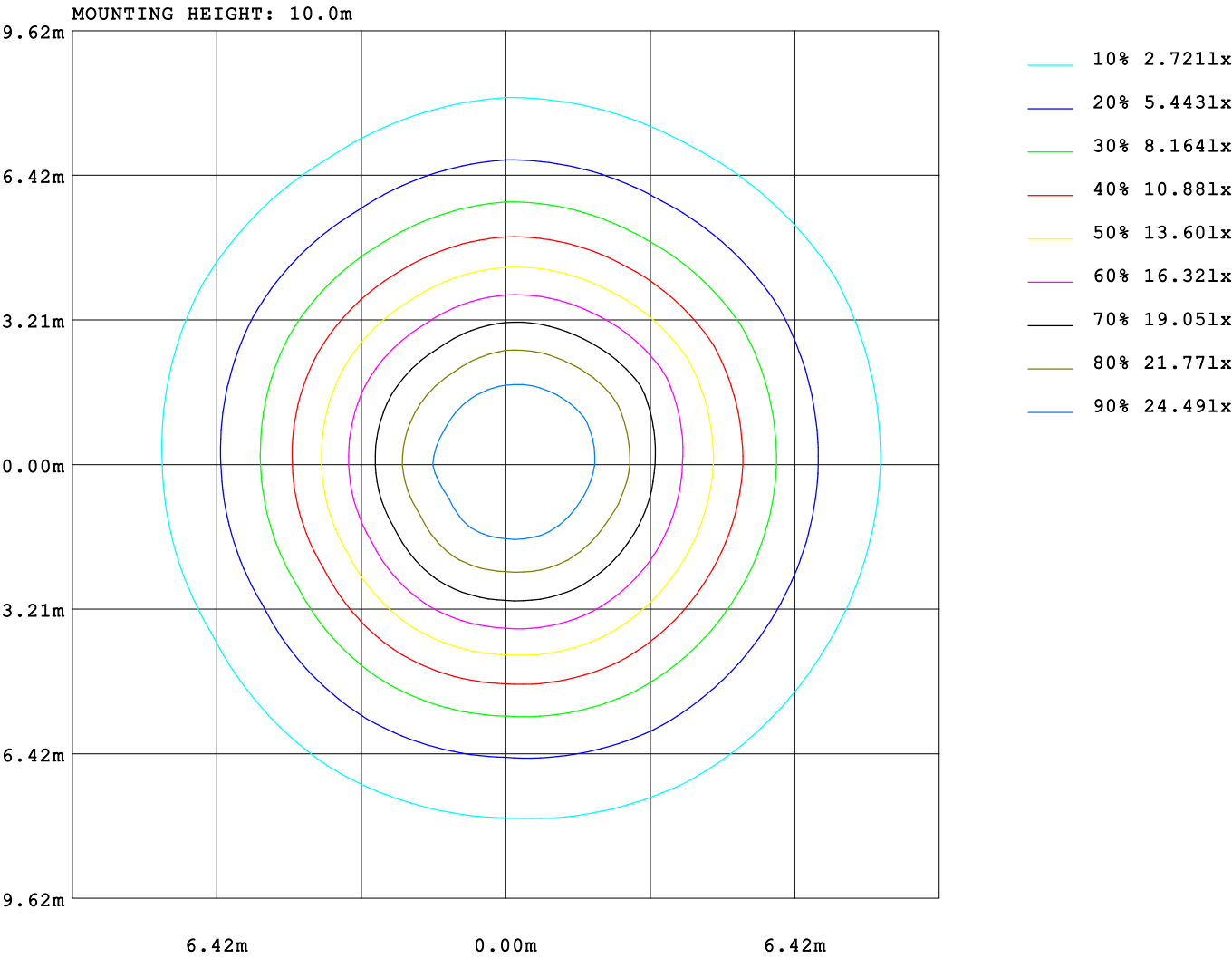
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 3000K 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:8.000 m
Remarks: 3000K

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: 3000K CRI-90					WEIGHT:					
SPECIFICATION: FULHAM 700 MA										DIMENSION: D-80 H-180 MM					SERIAL No.:					

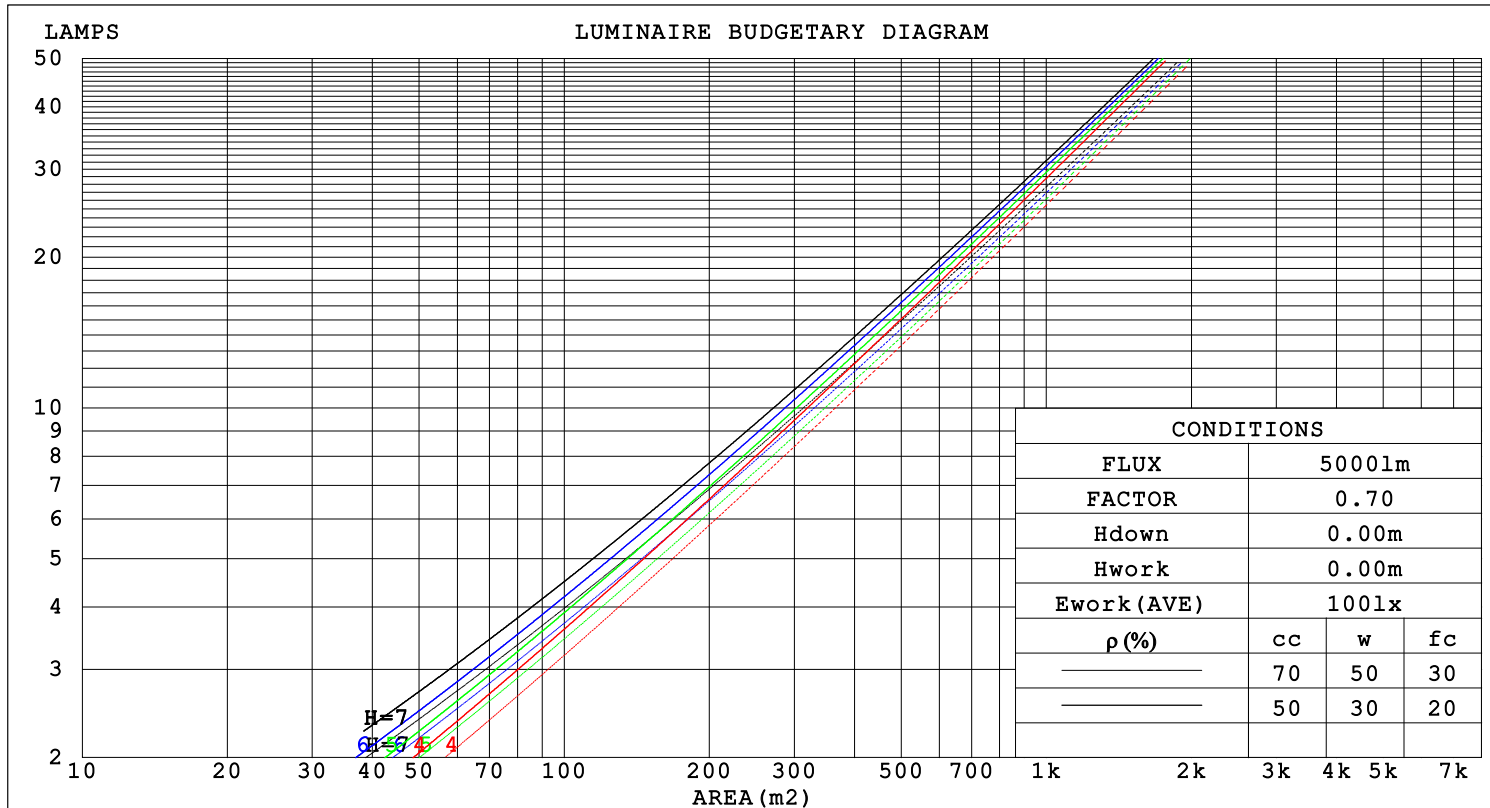
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.06	0.10	0.13	0.15	0.16	0.18	0.23	0.28	0.34	0.34	0.30	0.24	0.20	0.19	0.17	0.15	0.12	0.08	3.40	0.00		
64	0.07	0.12	0.16	0.20	0.23	0.26	0.36	0.50	0.63	0.65	0.55	0.42	0.32	0.27	0.23	0.19	0.14	0.09	5.39	0.00		
56	0.08	0.13	0.20	0.27	0.38	0.55	0.91	1.38	1.78	1.85	1.54	1.12	0.75	0.51	0.34	0.24	0.16	0.10	12.3	0.00		
48	0.08	0.15	0.25	0.43	0.81	1.55	2.68	4.38	5.80	6.05	5.00	3.38	2.07	1.16	0.61	0.33	0.19	0.11	35.0	13.3		
40	0.09	0.16	0.32	0.76	1.78	3.95	7.66	11.8	14.9	15.4	13.2	9.43	5.49	2.63	1.15	0.48	0.22	0.12	89.8	77.6		
32	0.09	0.18	0.42	1.29	3.59	8.88	15.7	22.2	26.8	27.5	24.3	18.4	11.5	5.50	2.01	0.69	0.27	0.13	170	162		
24	0.09	0.19	0.57	1.89	6.37	14.6	24.2	32.4	38.0	39.1	35.4	27.9	18.3	9.17	3.14	0.95	0.31	0.14	253	247		
VERTICAL (DEG)	0.09	0.20	0.68	2.60	8.76	19.2	30.8	40.5	46.6	47.9	44.2	35.6	23.6	12.1	4.30	1.17	0.36	0.15	319	313		
	0.09	0.20	0.74	2.99	9.97	21.4	34.0	44.9	51.1	52.2	48.4	38.6	26.3	13.8	4.97	1.32	0.38	0.15	352	346		
	0.09	0.19	0.71	2.90	9.68	20.9	33.5	44.3	50.8	51.8	47.4	37.9	25.8	13.6	4.85	1.28	0.37	0.15	347	341		
	0.09	0.18	0.60	2.35	7.97	17.7	29.3	39.8	46.1	46.9	42.6	33.8	22.5	11.5	3.95	1.07	0.33	0.14	307	301		
	0.08	0.16	0.45	1.59	5.36	12.9	22.6	31.7	36.9	37.8	34.2	26.5	17.0	8.19	2.67	0.80	0.27	0.13	240	233		
-24	0.08	0.14	0.31	0.97	2.93	7.79	14.6	21.1	25.0	25.7	23.2	17.6	10.6	4.58	1.57	0.53	0.22	0.11	157	149		
-32	0.07	0.12	0.21	0.53	1.46	3.53	7.18	10.8	13.2	13.7	12.3	8.99	4.95	2.18	0.83	0.34	0.17	0.10	80.8	69.8		
-40	0.06	0.11	0.16	0.31	0.70	1.48	2.55	3.78	4.65	4.90	4.40	3.27	1.99	0.99	0.45	0.22	0.14	0.09	30.2	8.73		
-48	0.06	0.09	0.14	0.22	0.37	0.62	0.94	1.20	1.37	1.44	1.38	1.15	0.80	0.48	0.28	0.16	0.11	0.08	10.9	0.00		
-56	0.05	0.08	0.12	0.18	0.26	0.36	0.42	0.45	0.45	0.47	0.49	0.47	0.41	0.30	0.20	0.14	0.09	0.07	5.00	0.00		
-64	0.04	0.06	0.10	0.15	0.21	0.26	0.27	0.26	0.24	0.25	0.28	0.29	0.28	0.22	0.16	0.11	0.08	0.06	3.32	0.00		
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	1.35	2.55	6.27	19.8	61.0	136	228	312	365	375	340	266	173	87.6	31.9	10.1	3.93	1.98	2442			
Φ a	0.00	0.00	0.00	3.31	48.6	126	219	303	356	365	330	256	163	76.0	14.3	0.00	0.00	0.00		2275		

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:8.000 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	1.10	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:8.000 m
Remarks: 3000K

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: 3000K 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	.148	.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	.120	.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:8.000 m
 Remarks: 3000K

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: 3000K 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		12.6	13.6	12.8	13.8	13.9	11.7	12.7	12.0	12.9	13.1
	3H	12.5	13.4	12.8	13.6	13.8	11.6	12.5	11.9	12.7	12.9
	4H	12.5	13.3	12.7	13.6	13.8	11.6	12.4	11.9	12.7	12.9
	6H	12.5	13.3	12.8	13.5	13.8	11.6	12.4	11.9	12.6	12.9
	8H	12.5	13.3	12.8	13.5	13.8	11.5	12.3	11.8	12.6	12.8
	12H	12.5	13.3	12.8	13.5	13.8	11.5	12.3	11.8	12.5	12.8
4H	2H	12.4	13.2	12.6	13.4	13.7	11.5	12.4	11.8	12.6	12.8
	3H	12.3	13.0	12.6	13.3	13.6	11.5	12.2	11.8	12.5	12.8
	4H	12.3	13.0	12.6	13.3	13.6	11.5	12.1	11.8	12.4	12.8
	6H	12.3	12.9	12.7	13.3	13.6	11.5	12.1	11.9	12.4	12.8
	8H	12.4	12.9	12.8	13.3	13.7	11.5	12.1	11.9	12.4	12.8
	12H	12.5	13.0	12.9	13.3	13.7	11.5	12.0	11.9	12.4	12.8
8H	4H	12.2	12.7	12.6	13.1	13.5	11.4	11.9	11.8	12.3	12.7
	6H	12.3	12.7	12.7	13.1	13.5	11.5	12.0	11.9	12.3	12.8
	8H	12.4	12.8	12.8	13.2	13.6	11.6	12.0	12.0	12.4	12.8
	12H	12.5	12.8	12.9	13.3	13.7	11.6	12.0	12.1	12.4	12.9
12H	4H	12.2	12.7	12.6	13.0	13.4	11.4	11.9	11.8	12.2	12.6
	6H	12.3	12.7	12.7	13.1	13.5	11.5	11.9	11.9	12.3	12.7
	8H	12.4	12.7	12.8	13.1	13.6	11.6	11.9	12.0	12.4	12.8
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 5.4					+ 2.5 / - 5.2				
1.5H		+ 4.8 / - 5.9					+ 4.2 / - 4.9				
2.0H		+ 6.0 / - 2.8					+ 4.0 / - 2.6				

CIE Pub.117 Corrected 2442 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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:8.000 m
Remarks: 3000K

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: 3000K 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		

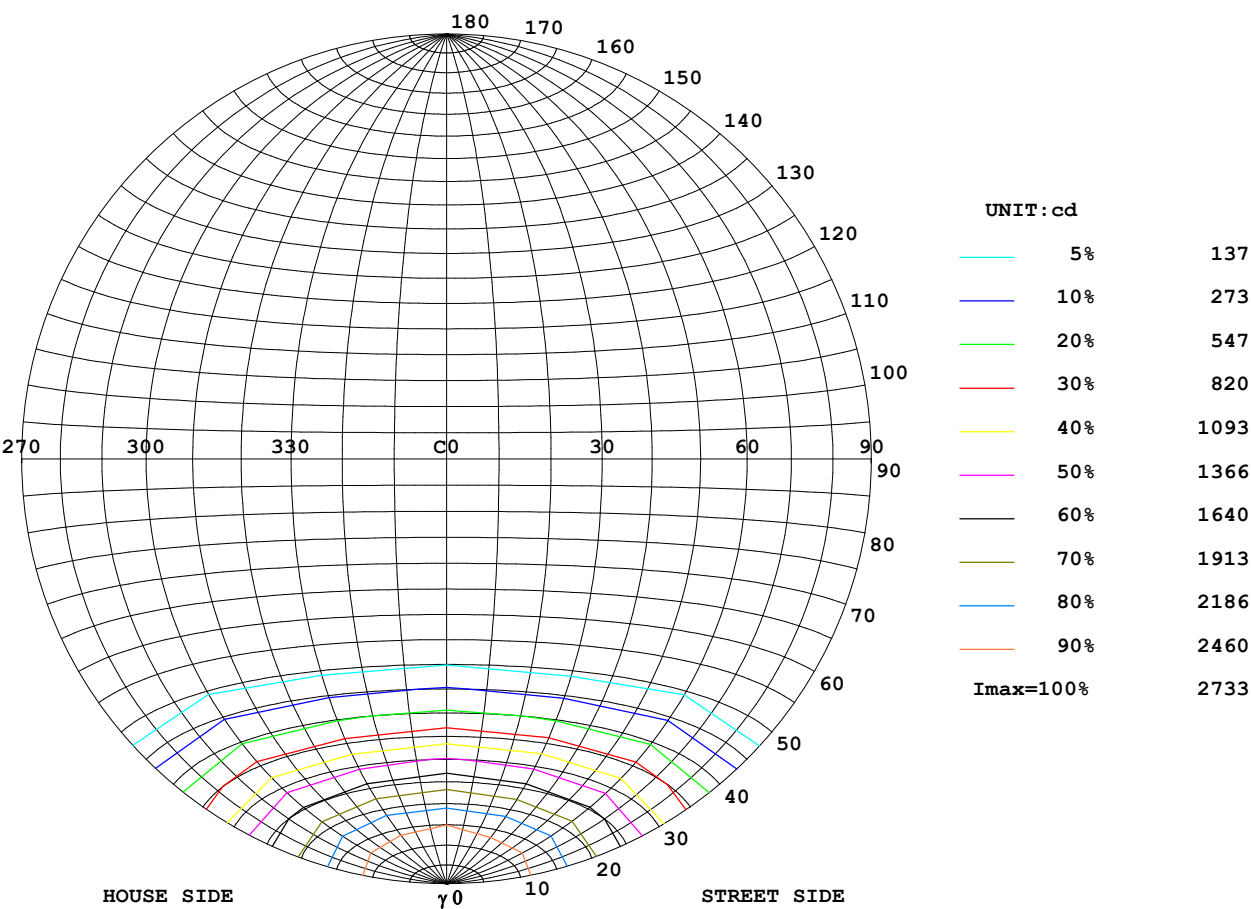
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 10-03-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 3000K 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

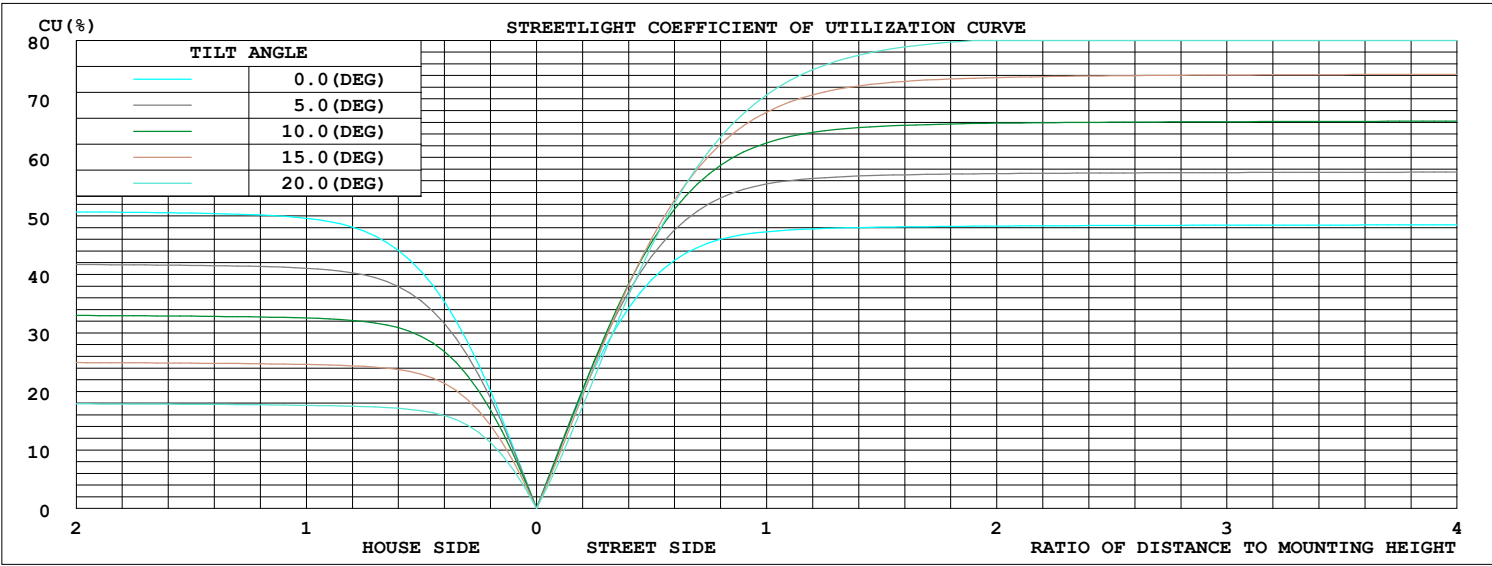
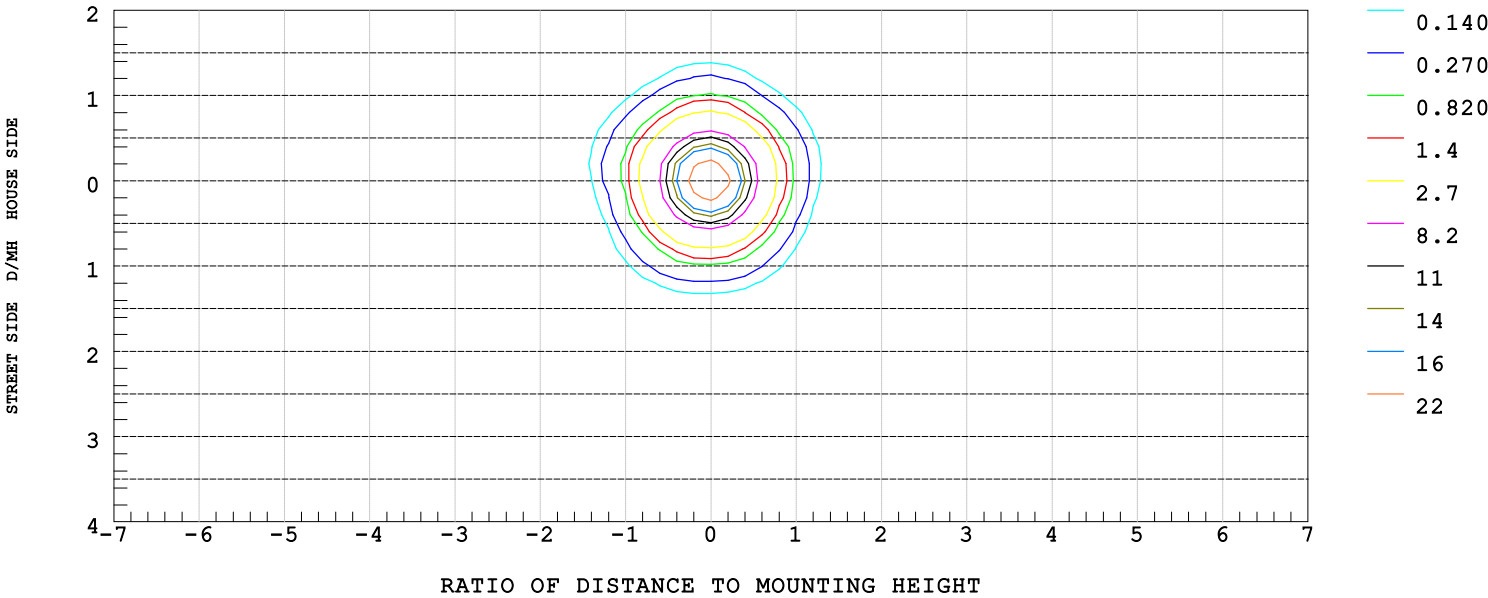
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 700 MA	DIMENSION: D-80 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 27.20 lx



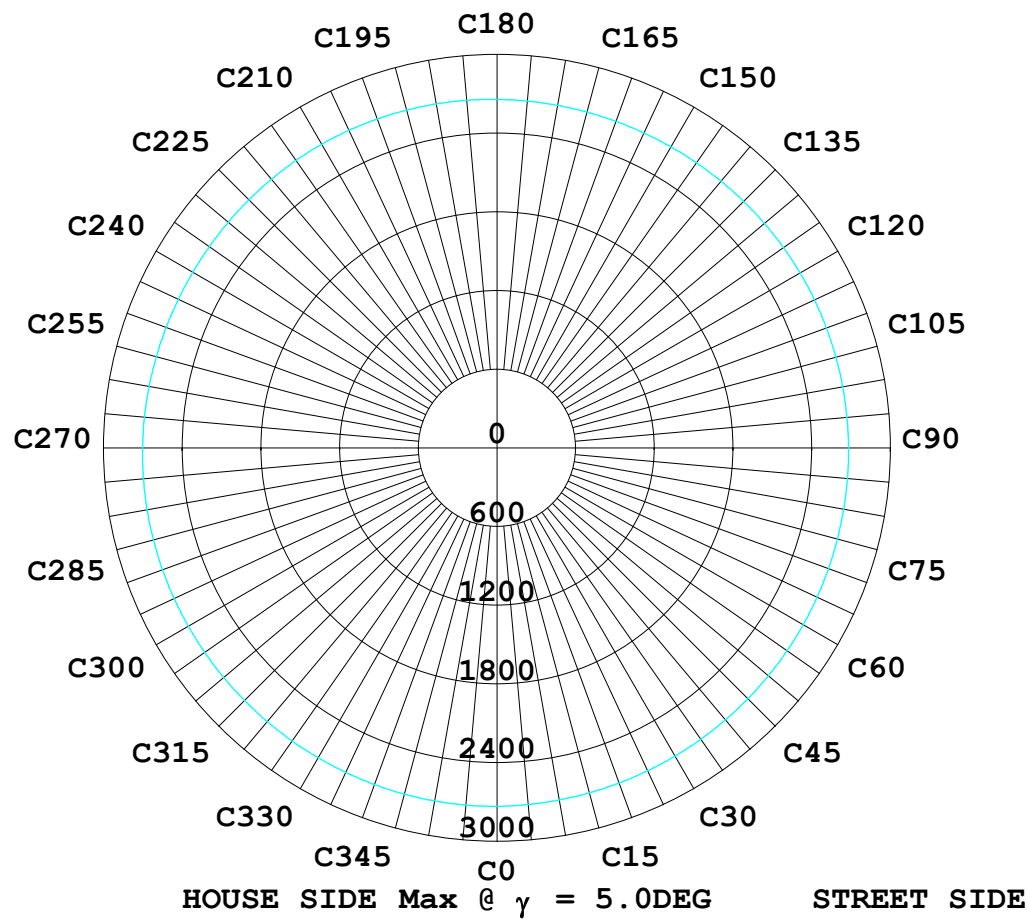
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 80 TRACK LIGHT	TYPE: 3000K 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:8.000 m
Remarks: 3000K

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: 3000K 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	2720	2722	2724	2722	2722	2717	2720	2722	2724	2722	2722	2717
5.0	2733	2714	2696	2680	2669	2651	2658	2675	2679	2703	2719	2728
10.0	2637	2591	2569	2530	2518	2466	2526	2501	2530	2564	2611	2655
15.0	2455	2376	2350	2282	2273	2202	2228	2265	2266	2357	2401	2484
20.0	2111	2089	2050	1964	1930	1857	1886	1936	1944	2034	2103	2212
25.0	1801	1724	1674	1575	1541	1456	1506	1563	1582	1667	1727	1834
30.0	1381	1316	1265	1156	1123	1037	1081	1164	1178	1281	1309	1414
35.0	961	910	876	767	739	658	690	762	774	880	893	986
40.0	578	532	511	427	410	340	369	425	432	521	531	609
45.0	281	237	237	182	178	144	154	179	187	250	246	303
50.0	133	107	120	90.4	93.8	67.5	74.7	97.0	89.3	120	112	141
55.0	65.0	47.4	56.8	37.8	44.0	28.8	31.8	45.2	37.6	57.6	51.3	71.3
60.0	35.5	23.9	32.0	20.0	26.5	16.3	17.9	26.7	19.3	31.5	24.8	37.3
65.0	23.0	14.7	21.6	13.5	19.5	12.3	13.5	19.4	12.8	20.9	14.7	23.4
70.0	17.9	11.4	16.8	10.4	15.8	9.92	11.1	15.4	9.98	16.3	11.2	18.1
75.0	14.7	9.21	13.6	8.44	12.9	8.12	9.21	12.5	7.87	13.2	8.89	14.5
80.0	12.2	7.55	11.2	6.65	10.3	5.76	7.04	9.79	5.82	10.6	6.97	11.8
85.0	8.76	4.92	8.06	4.22	7.23	3.52	4.35	6.59	3.32	7.42	4.16	8.38
90.0	6.14	3.45	5.50	2.81	5.18	3.00	4.16	4.22	1.85	4.35	2.30	5.31

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:8.000 m
Remarks: 3000K