

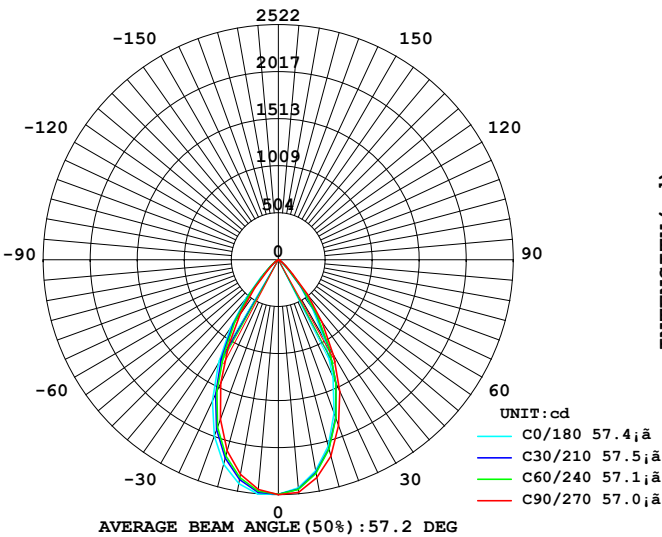
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

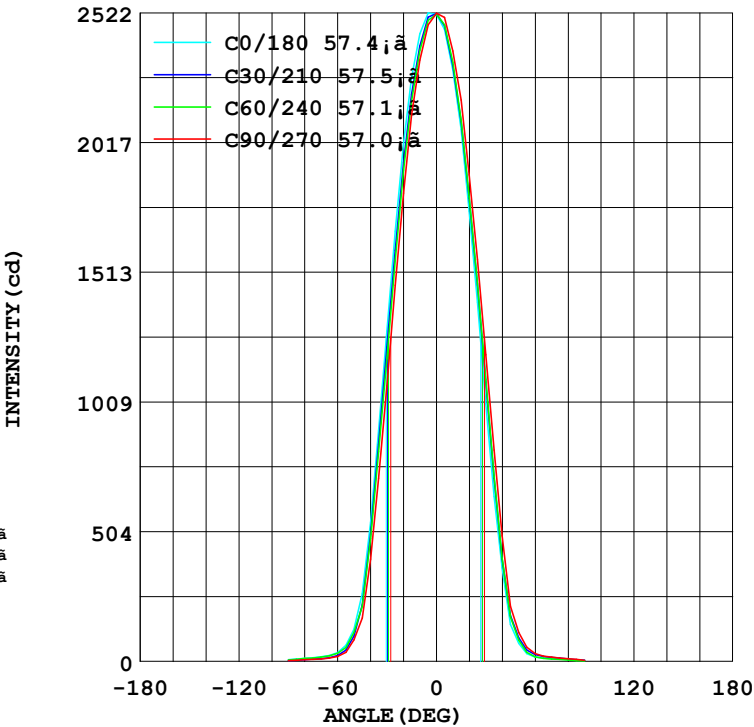
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	2522	S/MH (C0/180)	0.91
MODEL	PHONEIX 70 TRACK LIGHT	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.85
NOMINAL POWER (W)	20	TOTAL FLUX (lm)	2273.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	110.7	Current (A)	0.095
NOMINAL FLUX (lm)	2274.0	η up (%)	0.0	Power (W)	20.54
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.997
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	2122.8	EEI	0.132

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:8.800 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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:

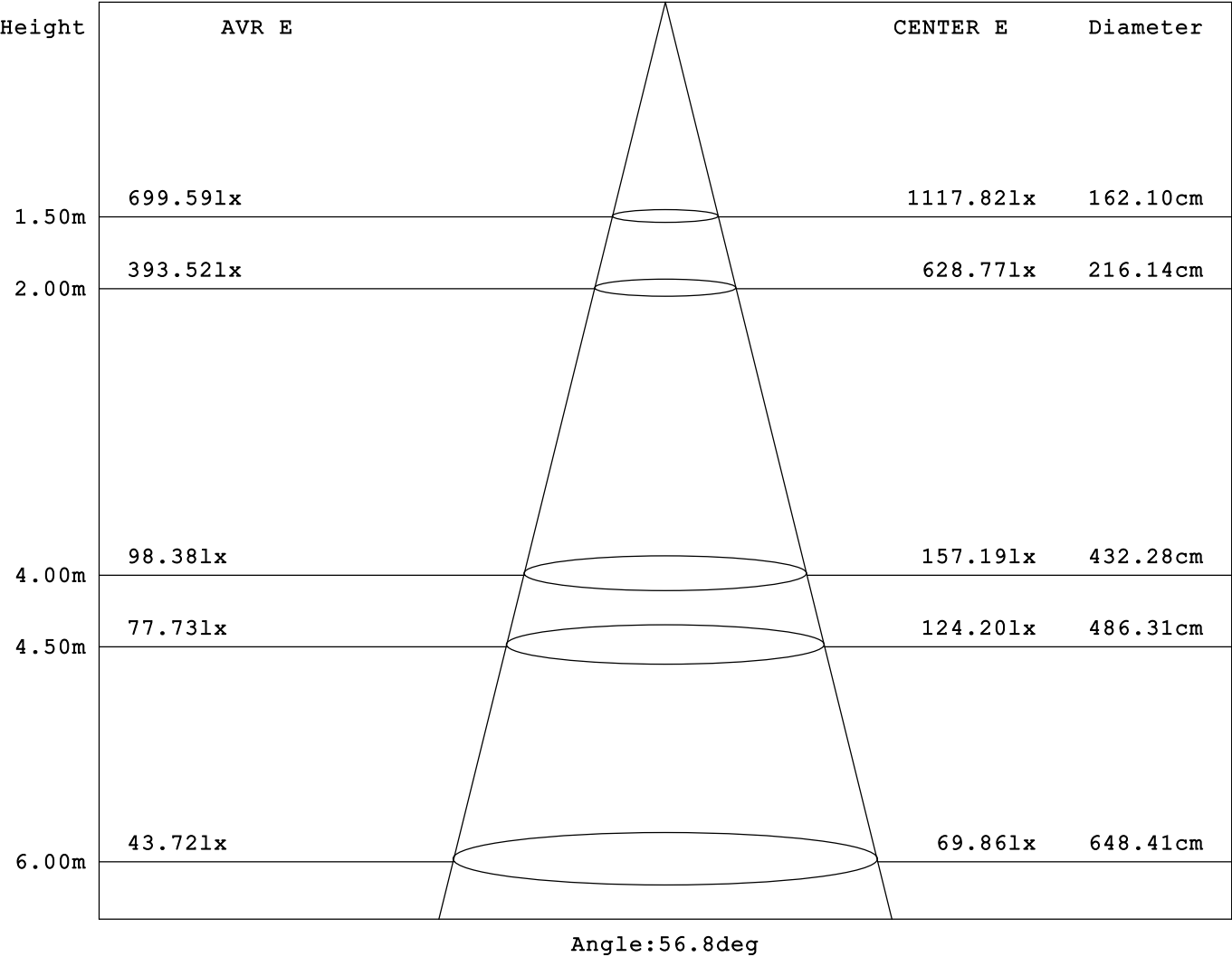
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2441	2384	2338	2309	2300	2324	2374	2438	0- 10	233.4	233.4
20.0	2014	1924	1820	1759	1751	1804	1892	2000	10- 20	600.3	833.7
30.0	1285	1200	1072	1004	1003	1091	1193	1269	20- 30	693.1	1527
40.0	541.1	486.5	397.1	372.3	363.5	400.5	488.1	531.3	30- 40	483.6	2011
50.0	125.2	106.0	83.94	76.00	69.69	87.42	113.1	118.3	40- 50	179.7	2190
60.0	34.61	26.79	18.81	20.63	17.11	22.26	30.74	29.73	50- 60	47.35	2238
70.0	17.81	13.82	9.912	12.46	10.76	12.39	16.26	14.28	60- 70	17.89	2256
80.0	12.31	9.292	6.350	7.898	6.969	7.782	10.68	9.215	70- 80	11.60	2267
90.0	6.272	4.646	2.865	4.220	4.568	3.252	4.568	3.910	80- 90	6.768	2274
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

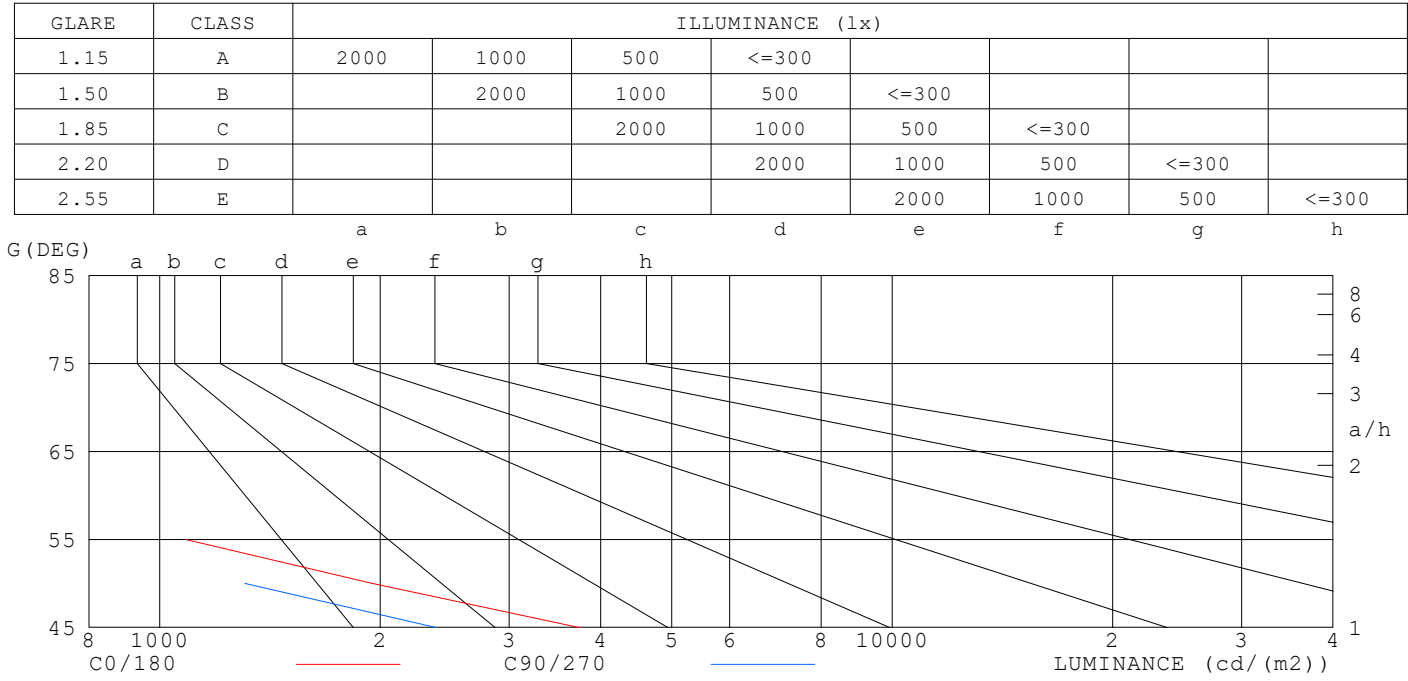
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1031	471
80	709	366
75	565	311
70	521	290
65	541	302
60	692	376
55	1086	616
50	1949	1306
45	3740	2384

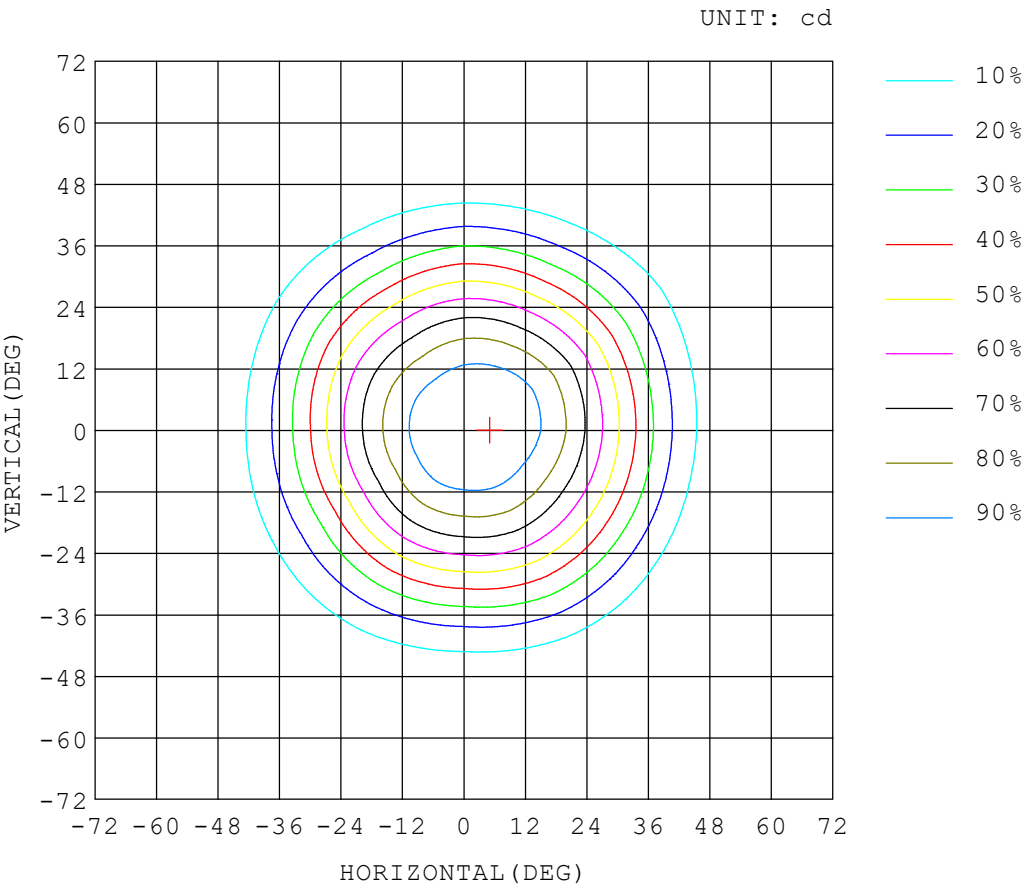
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:



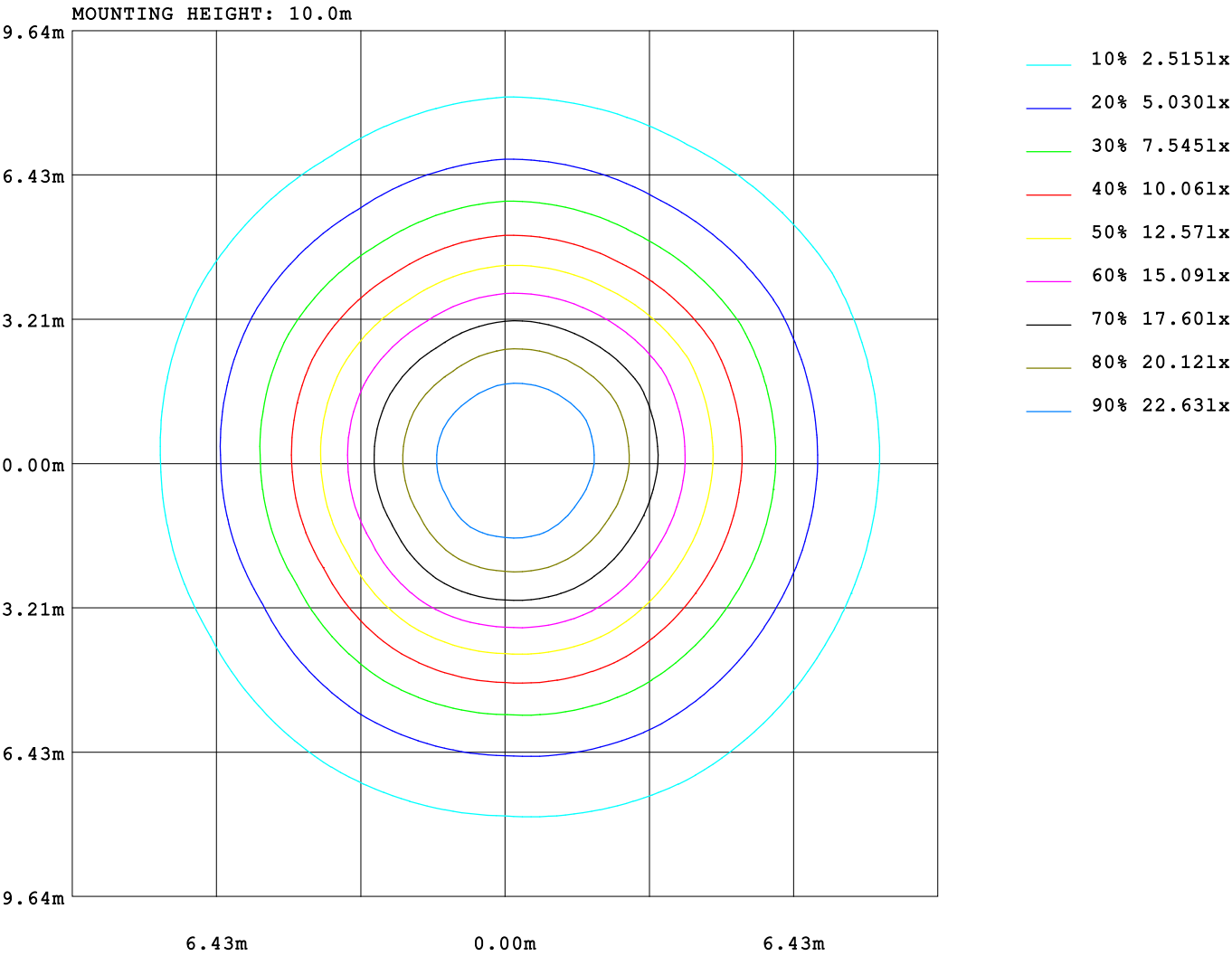
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 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 70 TRACK LIGHT										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 500 MA										DIMENSION: D-70 H-180 MM					SERIAL No.:				

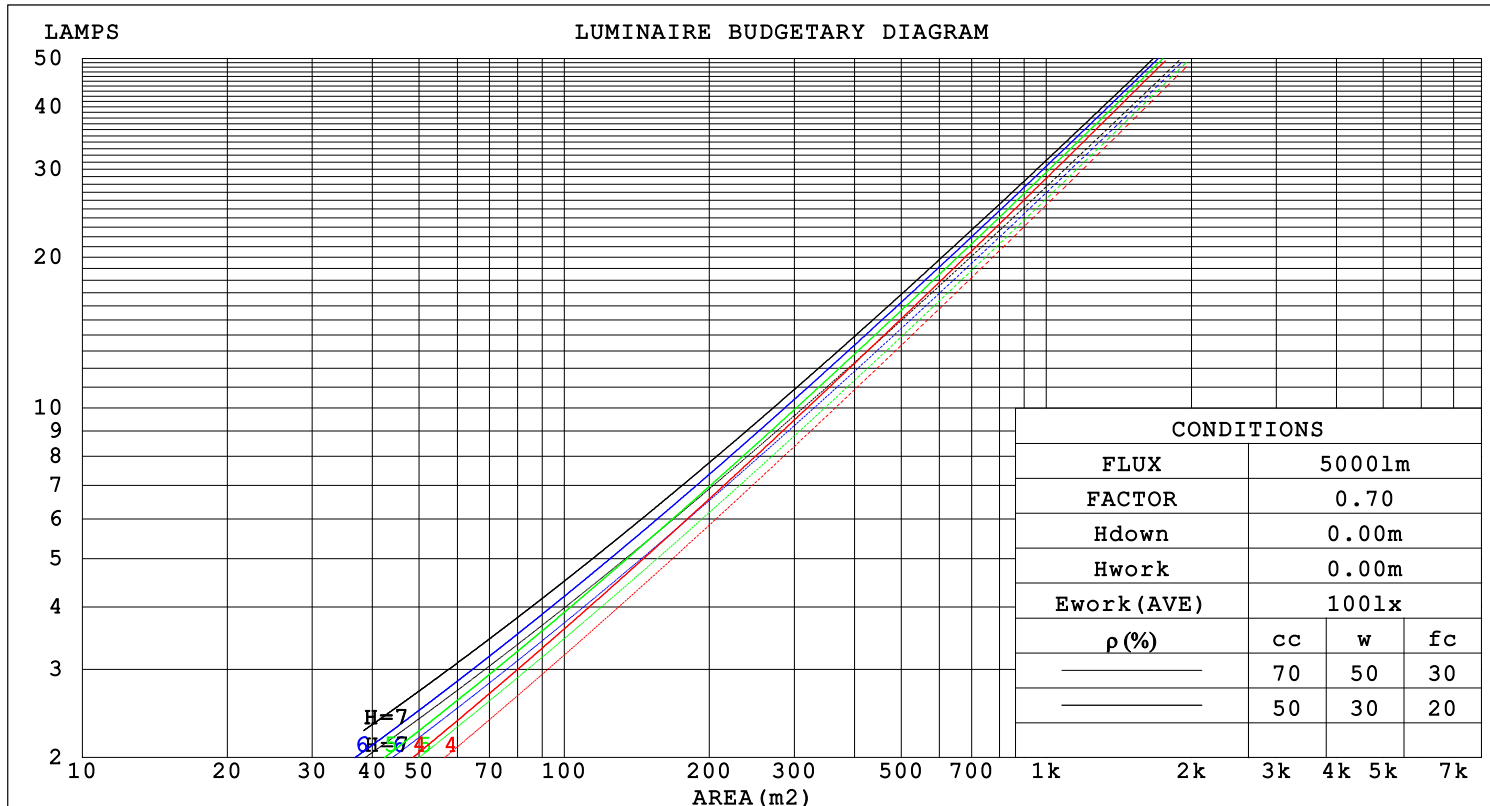
72	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.06	0.10	0.13	0.15	0.16	0.17	0.22	0.28	0.33	0.33	0.29	0.24	0.19	0.18	0.17	0.15	0.12	0.08	3.31	0.00			
64	0.07	0.12	0.16	0.19	0.22	0.25	0.35	0.48	0.61	0.62	0.53	0.40	0.30	0.26	0.22	0.19	0.14	0.09	5.20	0.00			
56	0.08	0.13	0.20	0.26	0.36	0.52	0.86	1.29	1.67	1.73	1.45	1.05	0.71	0.49	0.33	0.24	0.16	0.10	11.6	0.00			
48	0.08	0.15	0.25	0.41	0.77	1.45	2.48	3.99	5.25	5.48	4.57	3.13	1.93	1.09	0.59	0.32	0.19	0.11	32.2	11.7			
40	0.09	0.16	0.31	0.73	1.70	3.73	7.13	11.0	13.9	14.4	12.3	8.76	5.12	2.46	1.09	0.46	0.22	0.12	83.9	72.5			
32	0.09	0.17	0.41	1.24	3.46	8.30	14.6	20.7	25.0	25.7	22.6	17.1	10.7	5.14	1.89	0.66	0.26	0.13	158	151			
24	0.09	0.19	0.54	1.82	6.02	13.6	22.6	30.2	35.3	36.4	32.9	26.0	17.1	8.56	2.94	0.91	0.31	0.14	236	230			
VERTICAL (DEG)	0.09	0.19	0.64	2.48	8.25	17.9	28.7	37.6	43.1	44.4	41.0	33.1	22.0	11.3	4.03	1.11	0.35	0.14	297	292			
	0.09	0.19	0.69	2.87	9.36	19.9	31.6	41.5	47.2	48.3	44.8	36.2	24.5	12.9	4.67	1.25	0.37	0.15	327	322			
	0.09	0.18	0.66	2.79	9.12	19.3	31.1	41.0	47.0	47.8	43.9	35.5	24.0	12.7	4.54	1.21	0.36	0.14	322	317			
	0.08	0.17	0.56	2.25	7.66	16.4	27.2	36.9	42.7	43.5	39.5	31.4	20.9	10.7	3.70	1.01	0.32	0.13	285	280			
	0.08	0.15	0.42	1.48	5.37	12.0	21.0	29.4	34.3	35.1	31.9	24.6	15.8	7.62	2.49	0.76	0.26	0.12	223	217			
-24	0.07	0.13	0.29	0.90	2.86	7.54	13.6	19.6	23.2	23.9	21.6	16.4	9.91	4.26	1.46	0.50	0.21	0.11	147	140			
-32	0.07	0.11	0.20	0.49	1.37	3.39	6.77	10.1	12.2	12.8	11.4	8.37	4.58	2.03	0.78	0.32	0.16	0.10	75.4	65.2			
-40	0.06	0.10	0.15	0.29	0.66	1.40	2.43	3.55	4.33	4.54	4.07	3.01	1.86	0.93	0.42	0.21	0.13	0.09	28.2	8.04			
-48	0.06	0.09	0.13	0.21	0.36	0.60	0.90	1.13	1.28	1.34	1.30	1.10	0.77	0.46	0.26	0.15	0.11	0.08	10.3	0.00			
-56	0.05	0.07	0.11	0.17	0.25	0.35	0.40	0.43	0.42	0.44	0.47	0.46	0.40	0.29	0.20	0.13	0.09	0.07	4.81	0.00			
-64	0.04	0.06	0.10	0.15	0.20	0.26	0.27	0.26	0.23	0.24	0.27	0.28	0.28	0.22	0.16	0.11	0.08	0.06	3.23	0.00			
-72																							
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																							
Φ t	1.32	2.46	5.95	18.9	58.2	127	213	290	339	347	315	248	161	81.7	30.0	9.69	3.83	1.95	2274				
Φ a	0.00	0.00	0.00	3.88	46.9	118	204	281	330	339	307	239	152	71.0	13.7	0.00	0.00	0.00		2123			

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:

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	.87	.86														
3.0	.95	.90	.86	.93	.89	.85	.91	.87	.84	.88	.85	.82	.86	.83	.81	.79														
4.0	.88	.83	.78	.87	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.75	.73														
5.0	.83	.76	.72	.82	.76	.72	.80	.75	.71	.78	.74	.70	.76	.73	.70	.68														
6.0	.77	.71	.67	.76	.71	.66	.75	.70	.66	.73	.69	.65	.72	.68	.65	.64														
7.0	.72	.66	.62	.72	.66	.62	.70	.65	.61	.69	.65	.61	.68	.64	.61	.59														
8.0	.68	.62	.58	.68	.62	.58	.66	.61	.57	.65	.61	.57	.64	.60	.57	.55														
9.0	.64	.58	.54	.64	.58	.54	.63	.57	.54	.62	.57	.54	.61	.57	.53	.52														
10.0	.61	.55	.51	.60	.54	.51	.59	.54	.51	.59	.54	.50	.58	.53	.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 70 TRACK LIGHT								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM 500 MA								DIMENSION: D-70 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	.188	.107	.034	.181	.103	.033	.168	.097	.031	.157	.090	.029	.146	.085	.027	
2.0	.179	.098	.030	.174	.096	.029	.163	.091	.028	.153	.086	.027	.144	.081	.026	
3.0	.170	.091	.027	.166	.089	.027	.156	.085	.026	.148	.081	.025	.140	.078	.024	
4.0	.162	.084	.025	.158	.083	.024	.150	.079	.024	.143	.077	.023	.136	.074	.022	
5.0	.154	.079	.023	.150	.077	.022	.144	.075	.022	.137	.072	.022	.131	.070	.021	
6.0	.147	.074	.021	.144	.073	.021	.137	.070	.020	.132	.068	.020	.126	.067	.020	
7.0	.140	.069	.020	.137	.068	.019	.132	.067	.019	.127	.065	.019	.122	.063	.019	
8.0	.134	.065	.018	.131	.065	.018	.126	.063	.018	.122	.062	.018	.118	.060	.018	
9.0	.128	.062	.017	.126	.061	.017	.121	.060	.017	.117	.059	.017	.113	.058	.017	
10.0	.123	.059	.016	.121	.058	.016	.117	.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	.096	.092	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.145	.114	.088	.125	.098	.077	.086	.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	.042	.071	.048	.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	.108	.065	.035	.093	.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	.059	.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 70 TRACK LIGHT					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 500 MA					DIMENSION: D-70 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		12.4	13.4	12.6	13.5	13.7	11.5	12.5	11.7	12.7	12.8
	3H	12.3	13.2	12.5	13.4	13.6	11.4	12.3	11.6	12.5	12.7
	4H	12.2	13.1	12.5	13.3	13.6	11.3	12.2	11.6	12.4	12.7
	6H	12.3	13.1	12.6	13.3	13.6	11.3	12.1	11.6	12.4	12.6
	8H	12.3	13.1	12.6	13.3	13.6	11.3	12.1	11.6	12.3	12.6
	12H	12.3	13.1	12.7	13.4	13.6	11.3	12.0	11.6	12.3	12.6
4H	2H	12.1	13.0	12.4	13.2	13.4	11.3	12.1	11.6	12.4	12.6
	3H	12.1	12.8	12.4	13.1	13.4	11.2	12.0	11.6	12.2	12.5
	4H	12.1	12.7	12.4	13.0	13.4	11.2	11.9	11.6	12.2	12.5
	6H	12.2	12.7	12.5	13.1	13.4	11.3	11.9	11.7	12.2	12.6
	8H	12.2	12.8	12.6	13.1	13.5	11.3	11.8	11.7	12.2	12.6
	12H	12.3	12.8	12.7	13.2	13.6	11.3	11.8	11.7	12.2	12.6
8H	4H	12.0	12.5	12.4	12.9	13.3	11.2	11.7	11.6	12.1	12.5
	6H	12.1	12.6	12.5	12.9	13.4	11.3	11.8	11.7	12.2	12.6
	8H	12.2	12.6	12.6	13.0	13.4	11.4	11.8	11.8	12.2	12.6
	12H	12.3	12.7	12.8	13.1	13.6	11.5	11.8	11.9	12.3	12.7
12H	4H	12.0	12.5	12.4	12.8	13.2	11.1	11.6	11.6	12.0	12.4
	6H	12.1	12.5	12.5	12.9	13.3	11.3	11.7	11.7	12.1	12.6
	8H	12.2	12.5	12.7	13.0	13.4	11.4	11.8	11.9	12.2	12.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 5.1					+ 2.5 / - 4.9				
1.5H		+ 4.7 / - 5.7					+ 4.2 / - 4.8				
2.0H		+ 5.9 / - 2.7					+ 3.8 / - 2.5				

CIE Pub.117 Corrected 2274 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 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	91	85	82	90	85	81	77
1.00	97	91	87	96	91	87	95	91	86	82
1.25	102	96	92	100	95	92	98	94	91	87
1.50	104	99	96	103	99	95	101	97	94	89
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	108	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

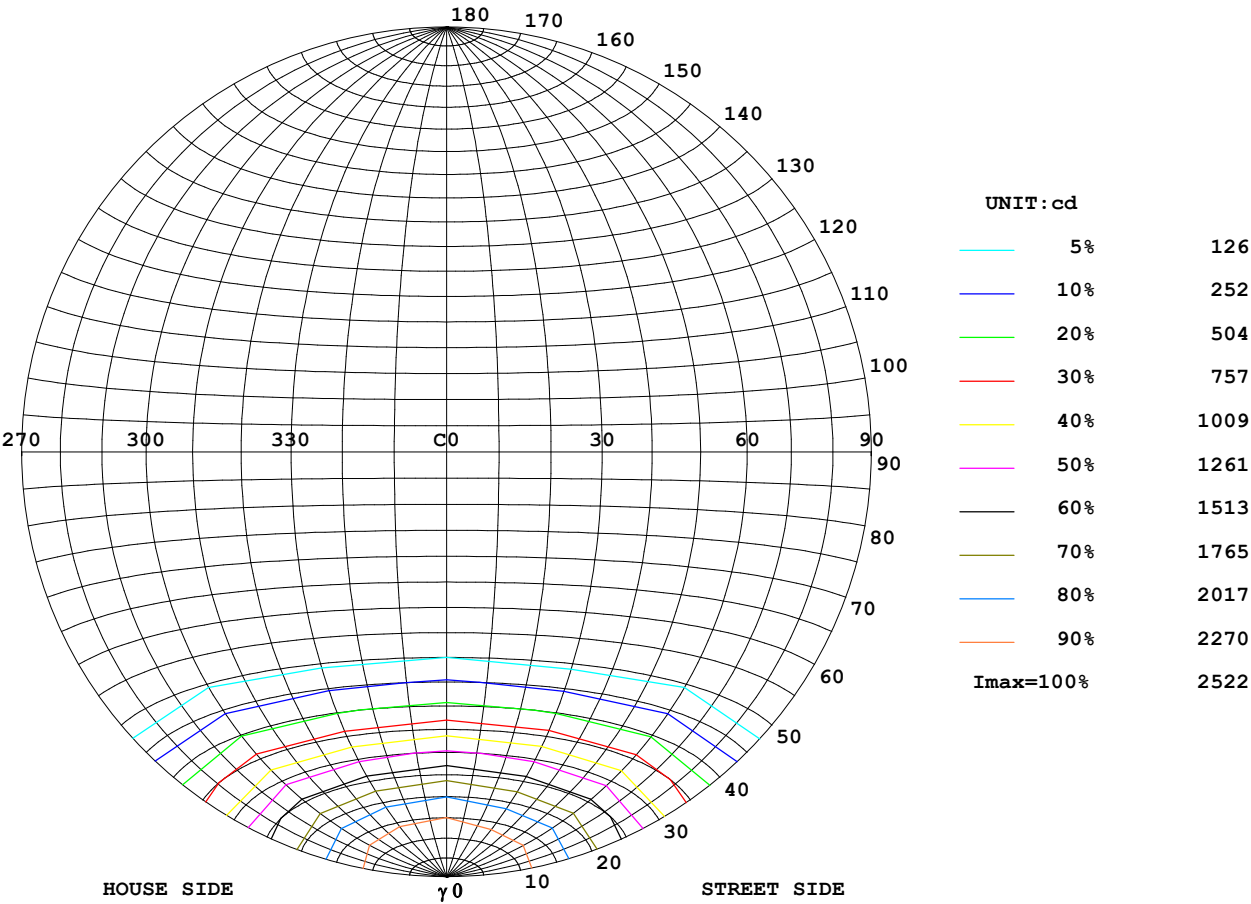
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:10-03-2025

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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:



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

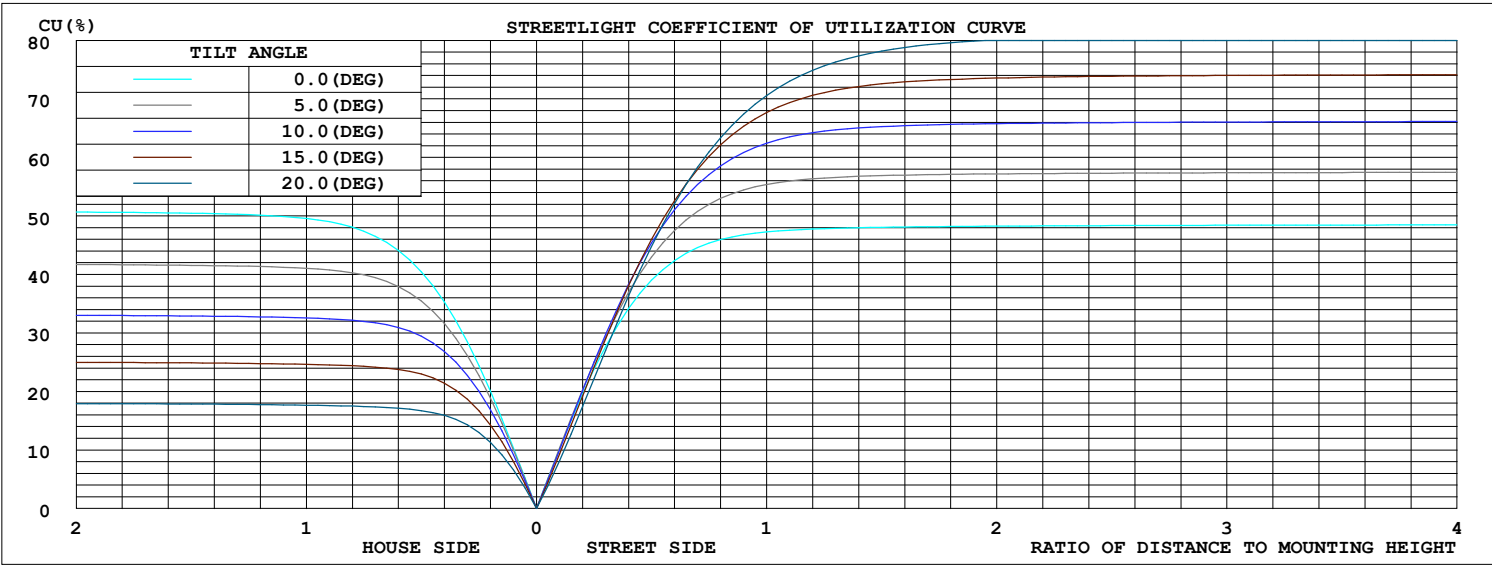
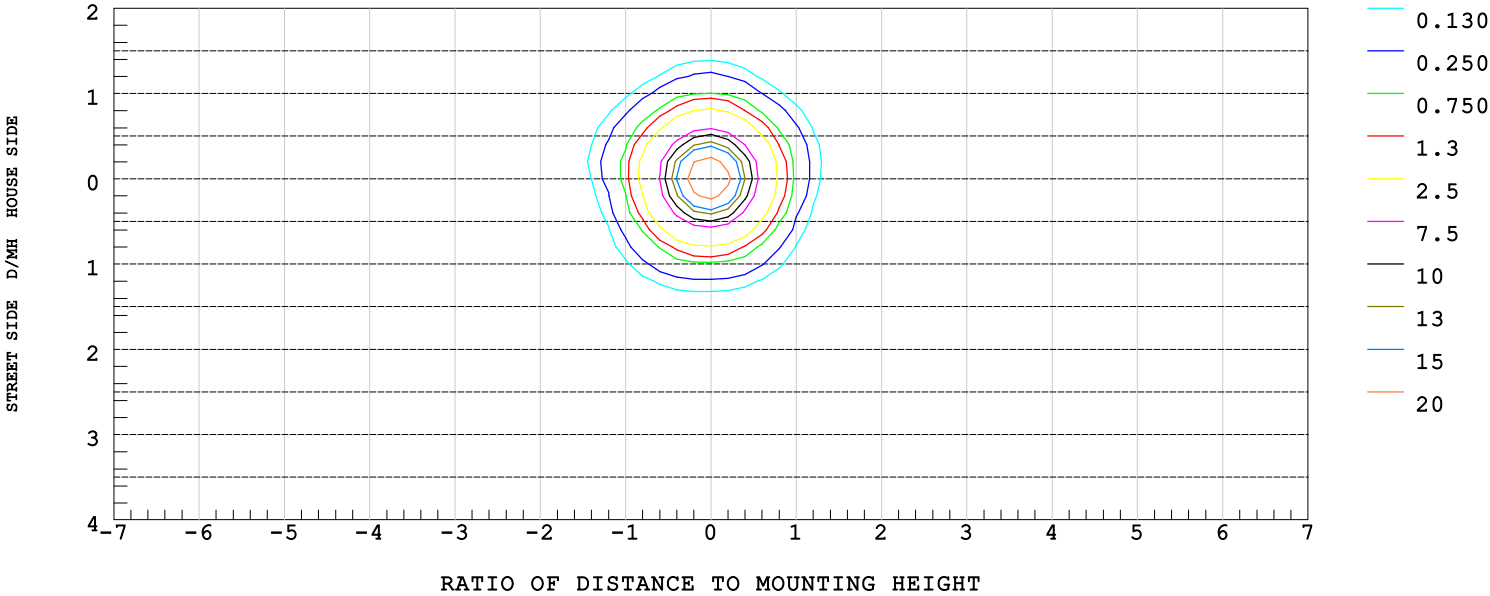
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 25.15 lx



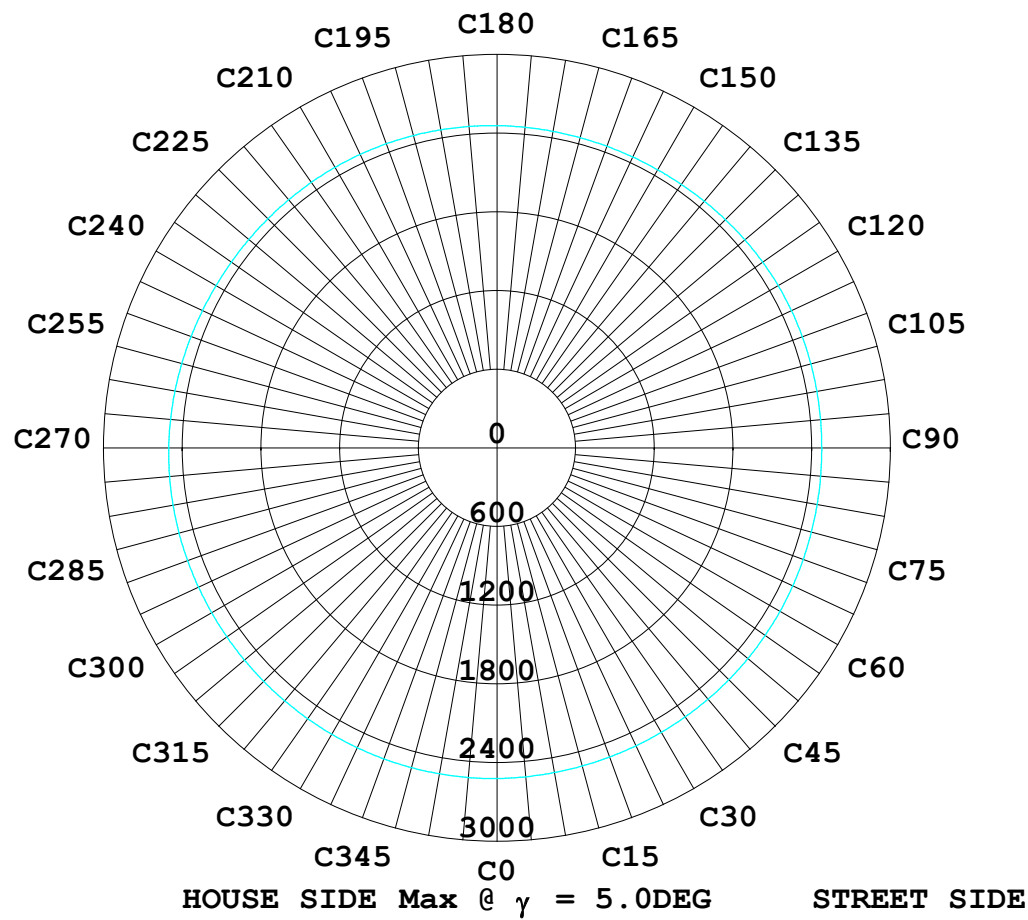
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-03-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 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 70 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 500 MA	DIMENSION: D-70 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	2515	2518	2517	2520	2515	2517	2515	2518	2517	2520	2515	2517
5.0	2522	2504	2492	2476	2476	2449	2458	2472	2475	2504	2513	2522
10.0	2441	2393	2375	2338	2326	2293	2300	2318	2330	2374	2416	2460
15.0	2270	2206	2179	2124	2103	2041	2069	2098	2104	2183	2234	2296
20.0	2014	1939	1910	1820	1794	1723	1751	1801	1806	1892	1954	2047
25.0	1672	1598	1559	1463	1432	1351	1396	1463	1469	1562	1606	1713
30.0	1285	1222	1178	1072	1047	962	1003	1086	1096	1193	1217	1321
35.0	898	844	816	712	690	610	641	711	720	821	829	918
40.0	541	495	478	397	384	360	364	399	402	488	494	569
45.0	264	220	215	169	171	133	143	178	173	214	228	283
50.0	125	98.9	113	83.9	89.1	62.8	69.6	91.9	82.9	113	104	133
55.0	62.2	44.2	54.5	35.3	42.6	26.9	29.9	43.6	35.2	55.2	48.0	68.0
60.0	34.6	22.4	31.1	18.8	25.9	15.3	17.1	26.2	18.2	30.7	23.3	36.1
65.0	22.8	13.9	21.2	12.7	19.2	11.5	13.0	19.1	12.1	20.5	13.9	23.0
70.0	17.8	10.8	16.8	9.91	15.6	9.29	10.7	15.4	9.37	16.2	10.6	17.8
75.0	14.6	8.75	13.5	8.05	13.0	7.66	8.98	12.5	7.51	13.2	8.44	14.4
80.0	12.3	7.27	11.3	6.35	10.2	5.49	6.96	9.83	5.73	10.6	6.65	11.7
85.0	8.98	4.80	8.20	4.10	7.35	3.40	4.56	6.73	3.25	7.58	4.02	8.44
90.0	6.27	3.56	5.73	2.86	5.42	3.02	4.56	4.56	1.93	4.56	2.32	5.49

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