

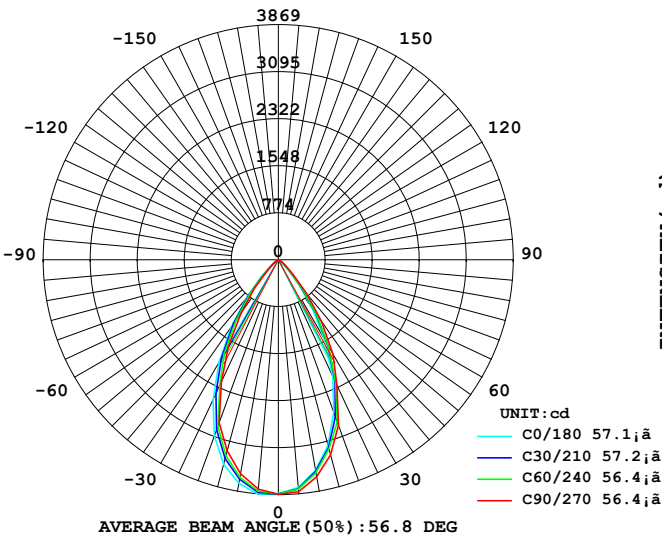
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

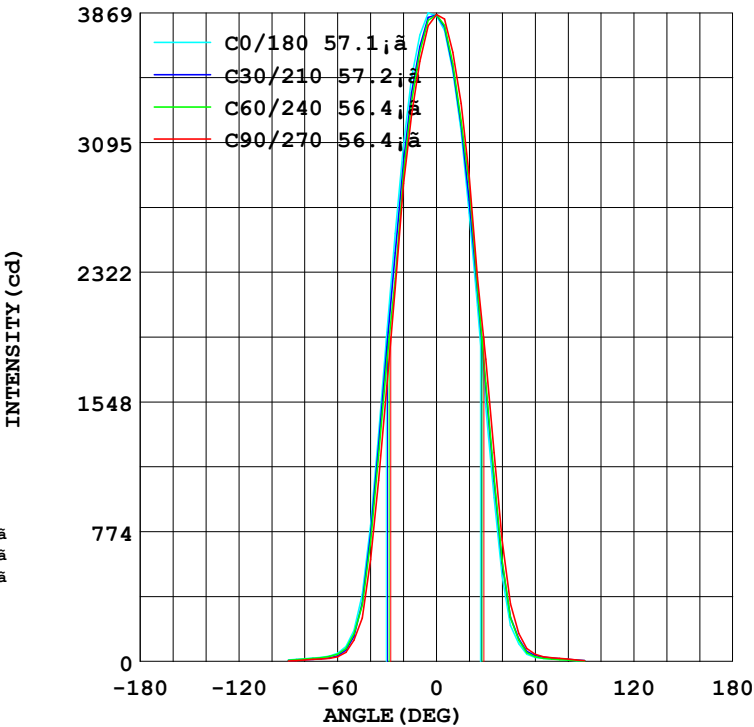
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3869	S/MH (C0/180)	0.91
MODEL	PHONEIX 90	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.85
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	3452.1	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	85.7	Current (A)	0.174
NOMINAL FLUX (lm)	3452.2	η up (%)	0.0	Power (W)	40.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.7	Effictive Flux(lm)	3220.3	EEI	0.170

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 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 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

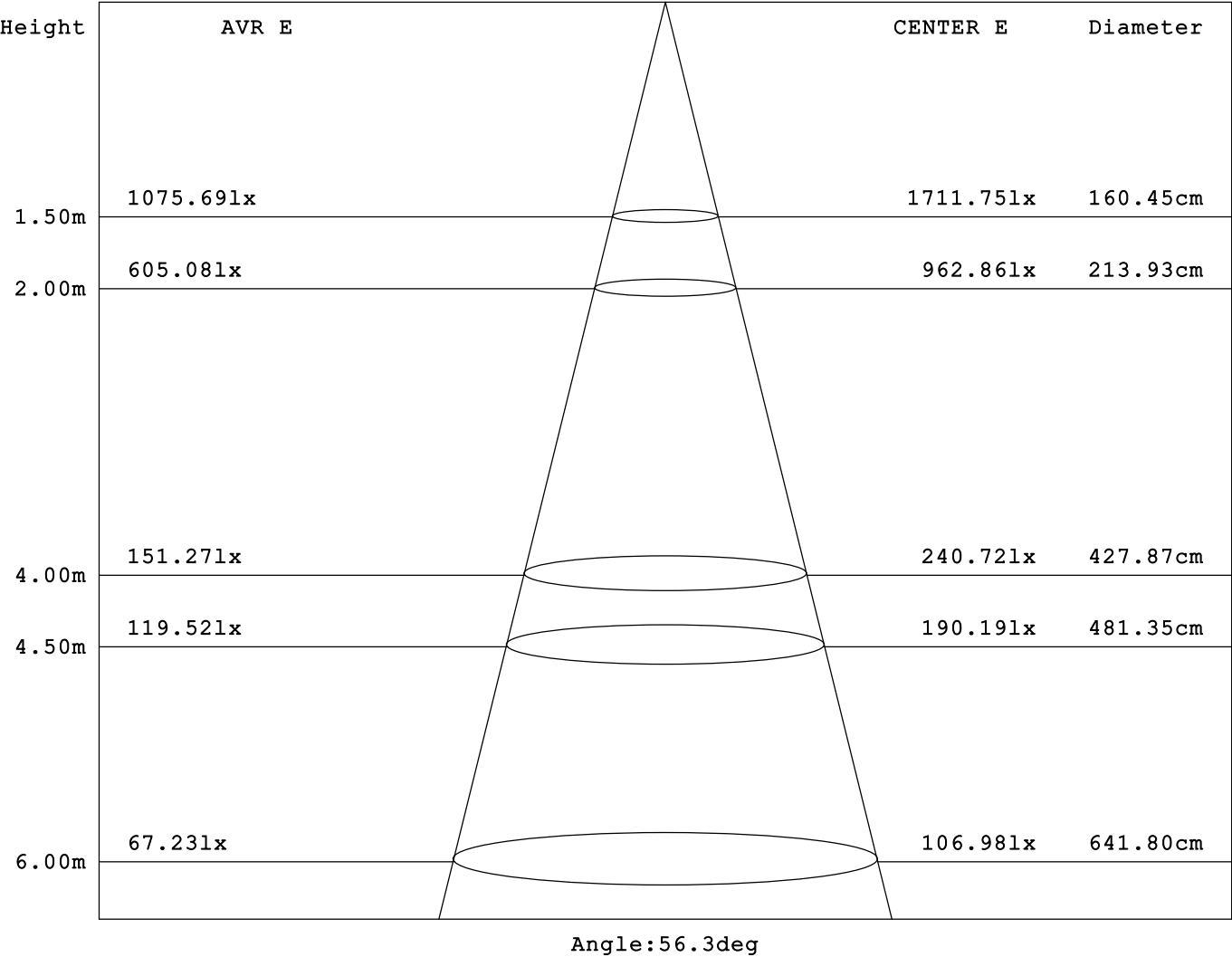
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 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 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3737	3653	3581	3535	3521	3553	3634	3731	0- 10	357.4	357.4
20.0	3082	2946	2852	2678	2676	2798	2898	3069	10- 20	920.0	1277
30.0	1964	1835	1645	1532	1519	1646	1802	1919	20- 30	1054	2331
40.0	811.5	736.2	607.1	524.8	511.1	594.2	725.1	798.7	30- 40	731.5	3063
50.0	184.3	157.8	126.7	111.0	105.0	130.6	167.8	179.0	40- 50	270.3	3333
60.0	48.68	38.73	28.15	29.28	24.41	31.18	42.40	42.44	50- 60	69.35	3402
70.0	23.84	19.19	14.60	17.25	14.95	17.04	21.73	19.82	60- 70	25.08	3428
80.0	16.08	12.48	9.031	10.65	9.243	10.44	14.11	12.66	70- 80	15.86	3443
90.0	7.761	5.785	3.739	5.221	4.939	3.774	5.291	4.798	80- 90	8.796	3452
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:10-04-2025

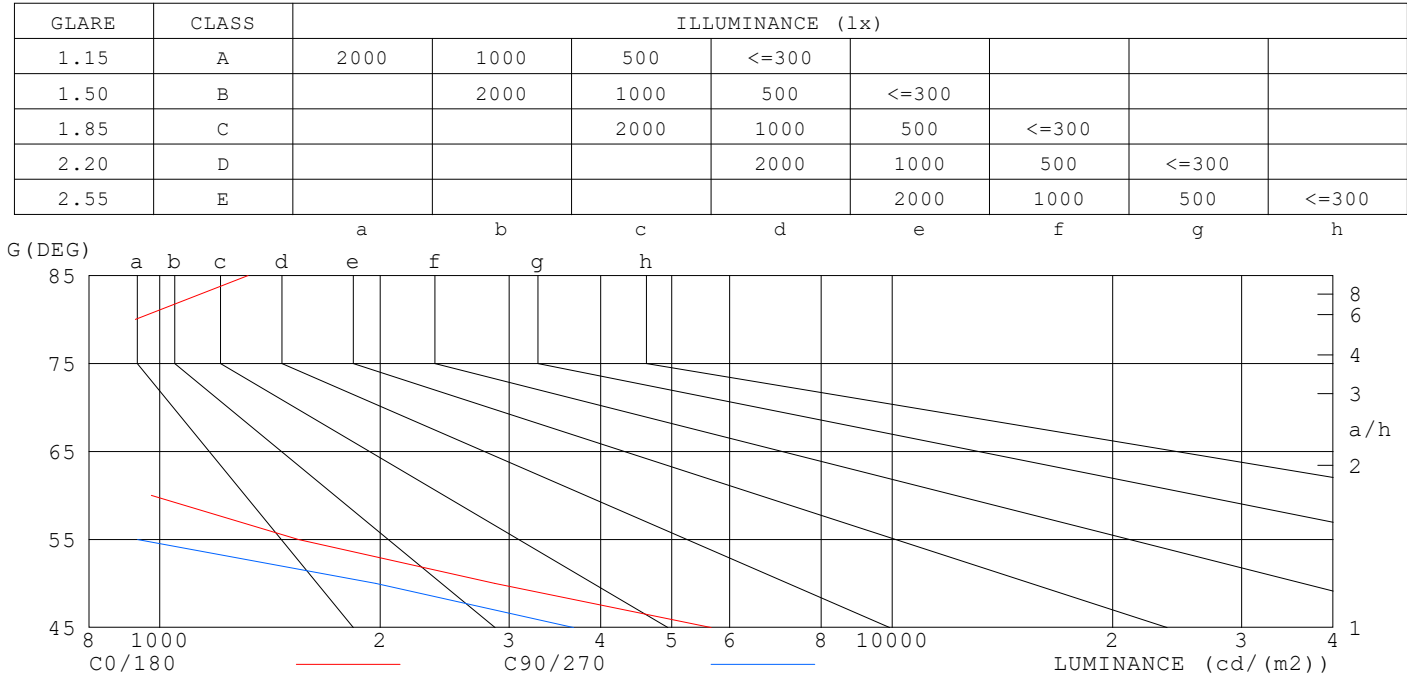
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1320	656
80	926	520
75	752	450
70	697	427
65	728	446
60	974	563
55	1548	932
50	2867	1972
45	5657	3671

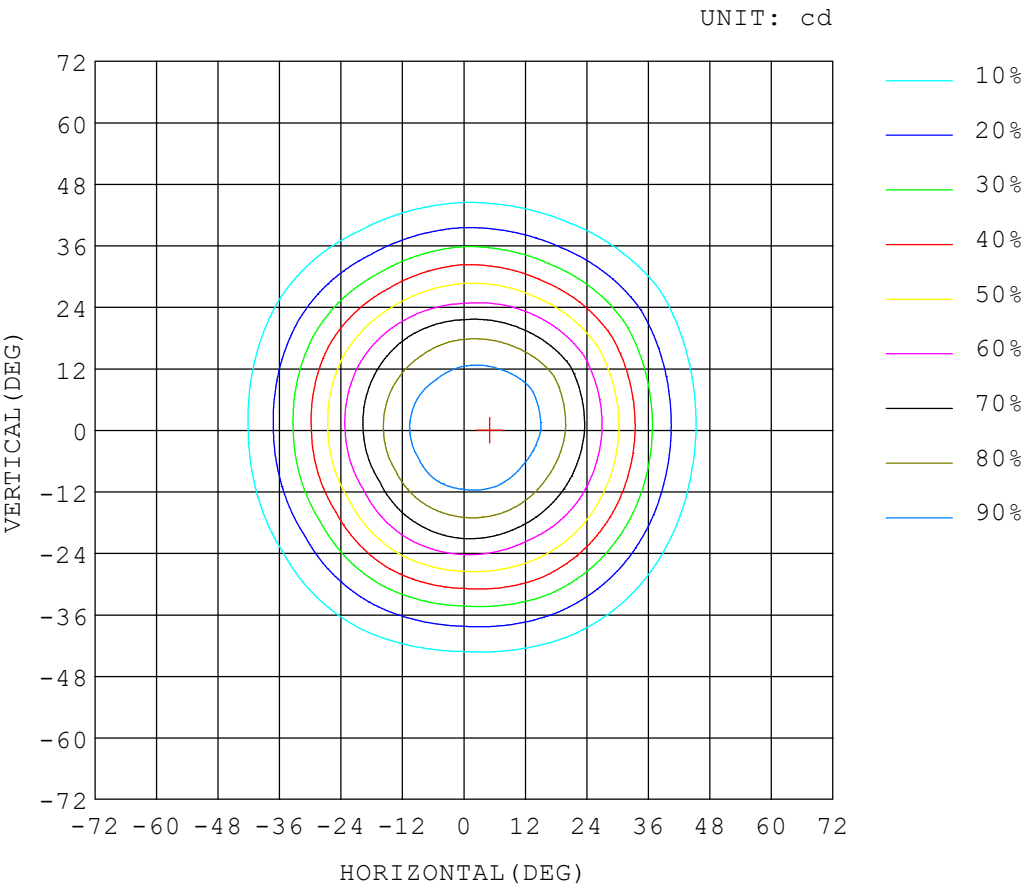
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



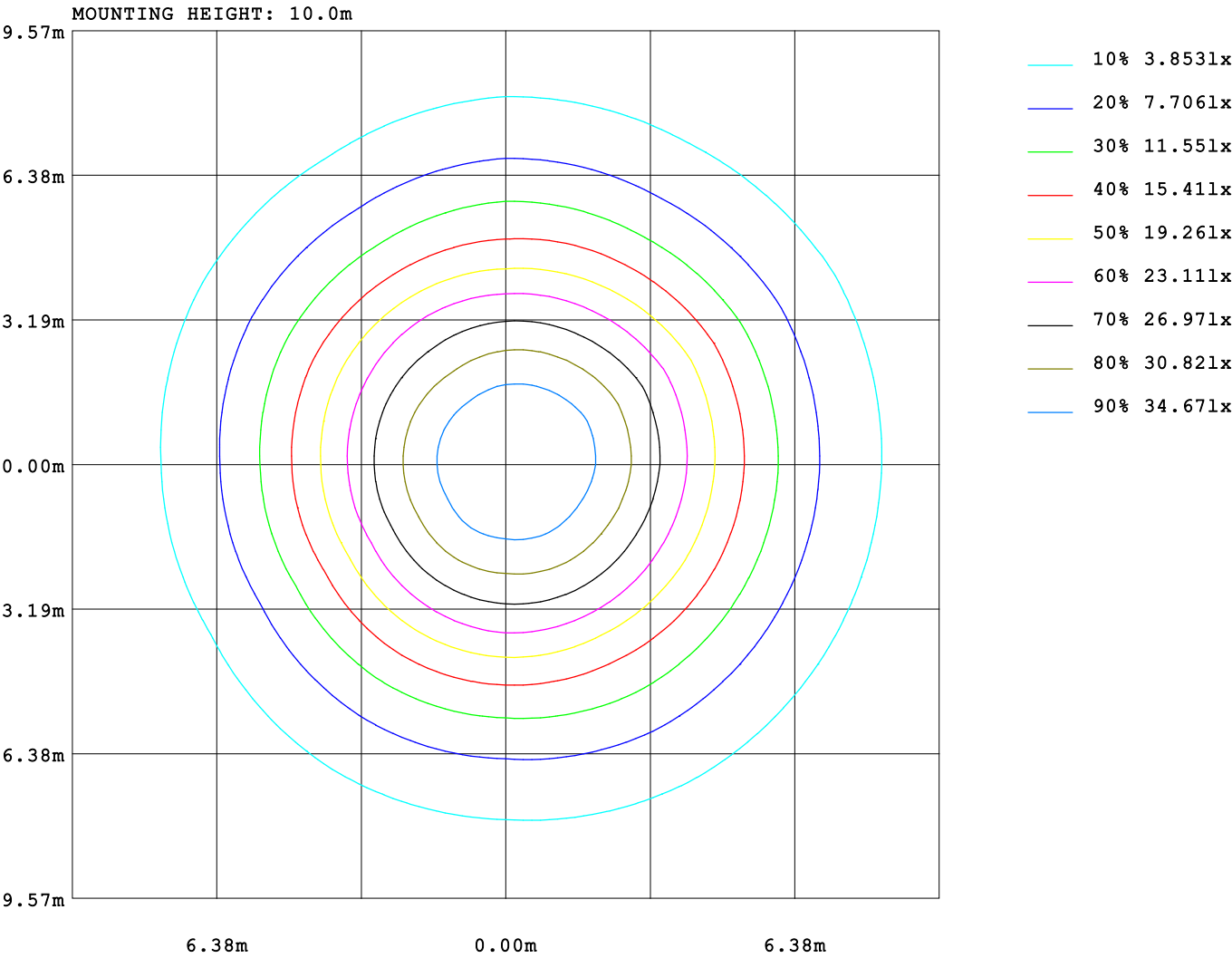
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: PHONEIX 90 TRACK LIGHT										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM 1050 MA										DIMENSION: D-90 H-180 MM					SERIAL No.:				

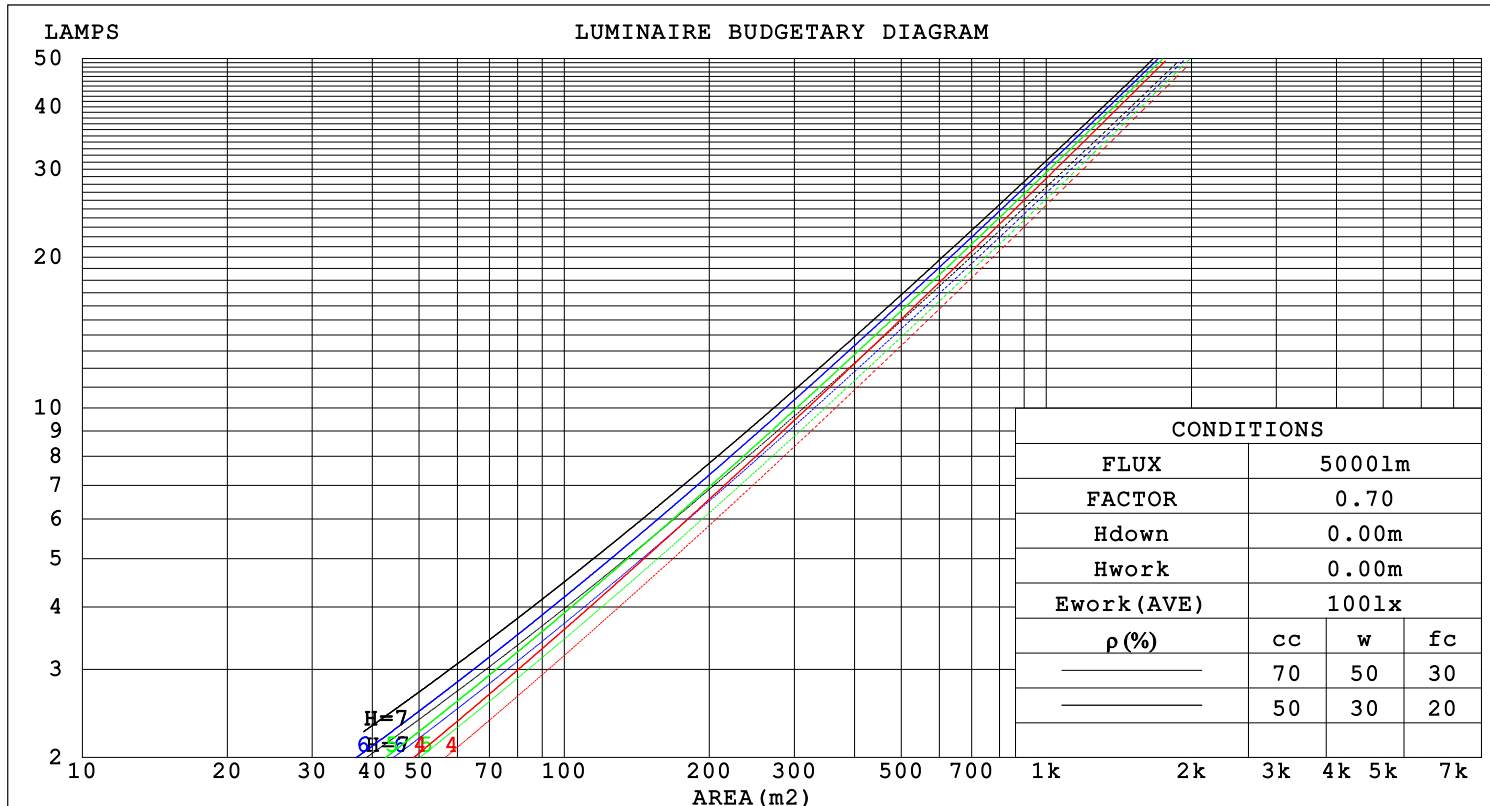
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.07	0.13	0.17	0.20	0.22	0.24	0.31	0.38	0.45	0.45	0.40	0.33	0.27	0.25	0.23	0.20	0.16	0.10	4.57	0.00		
64	0.09	0.15	0.22	0.26	0.31	0.36	0.50	0.68	0.85	0.87	0.75	0.58	0.44	0.37	0.31	0.25	0.19	0.12	7.31	0.00		
56	0.10	0.18	0.27	0.37	0.51	0.76	1.26	1.92	2.48	2.57	2.16	1.57	1.04	0.70	0.47	0.32	0.22	0.13	17.0	0.00		
48	0.11	0.20	0.34	0.57	1.11	2.18	3.75	6.10	8.04	8.42	7.03	4.81	2.94	1.61	0.84	0.44	0.25	0.15	48.9	17.8		
40	0.12	0.22	0.43	1.04	2.53	5.57	10.7	16.7	21.1	21.8	18.6	13.3	7.74	3.70	1.59	0.65	0.30	0.16	126	109		
32	0.12	0.24	0.57	1.82	5.12	12.4	22.1	31.3	37.4	38.5	34.2	26.1	16.3	7.68	2.81	0.95	0.36	0.17	239	227		
24	0.13	0.26	0.78	2.70	8.89	20.5	34.2	46.4	54.1	55.4	50.2	39.6	25.9	12.8	4.39	1.31	0.43	0.19	359	349		
VERTICAL (DEG)	0.13	0.27	0.95	3.66	12.2	27.0	43.7	57.8	66.0	67.9	62.7	50.7	33.5	17.1	6.04	1.63	0.49	0.19	453	444		
	0.12	0.27	1.02	4.17	14.0	30.1	48.3	63.4	72.3	74.0	68.6	55.4	37.3	19.5	7.01	1.83	0.52	0.20	499	490		
	0.12	0.26	0.98	4.03	13.6	29.4	47.4	62.9	71.9	73.3	67.3	54.4	36.7	19.2	6.86	1.78	0.51	0.19	491	483		
	0.12	0.24	0.83	3.29	11.2	25.0	41.4	56.4	65.4	66.7	60.6	47.9	31.9	16.3	5.64	1.48	0.45	0.18	436	427		
	0.11	0.22	0.63	2.23	7.56	18.2	32.0	44.7	52.8	54.0	47.8	37.4	24.2	11.6	3.83	1.11	0.37	0.17	339	330		
	0.10	0.19	0.43	1.34	4.15	10.9	20.6	29.8	35.4	36.3	32.7	24.9	15.0	6.62	2.23	0.74	0.29	0.15	222	211		
	0.10	0.17	0.30	0.73	2.05	5.01	10.0	15.2	18.6	19.4	17.3	12.6	7.04	3.11	1.17	0.47	0.23	0.14	114	98.0		
	0.09	0.14	0.23	0.43	0.96	2.05	3.63	5.37	6.61	6.95	6.21	4.59	2.79	1.38	0.63	0.30	0.19	0.12	42.7	12.2		
	0.08	0.13	0.19	0.31	0.51	0.84	1.28	1.67	1.92	2.02	1.92	1.59	1.10	0.66	0.38	0.22	0.16	0.11	15.1	0.00		
	0.06	0.11	0.16	0.25	0.35	0.48	0.56	0.61	0.62	0.65	0.68	0.65	0.56	0.40	0.28	0.19	0.13	0.09	6.82	0.00		
0.05	0.08	0.14	0.20	0.27	0.34	0.36	0.36	0.34	0.34	0.37	0.39	0.37	0.30	0.22	0.16	0.11	0.08	4.48	0.00			
-72	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)					16	24	32	40	48	56	64	72	
Φ t	1.81	3.45	8.63	27.6	85.7	192	322	442	517	530	480	377	246	124	44.9	14.0	5.33	2.64	3452			
Φ a	0.00	0.00	0.00	4.42	68.2	178	309	429	504	517	467	364	231	107	20.2	0.00	0.00	0.00		3220		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 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	.95	1.01	.97	.93	.97	.94	.91	.94	.92	.89	.92	.89	.88	.86														
3.0	.95	.90	.86	.94	.89	.85	.91	.87	.84	.89	.85	.82	.86	.83	.81	.79														
4.0	.89	.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	.71	.77	.73	.70	.68														
6.0	.77	.71	.67	.77	.71	.67	.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	.60														
8.0	.68	.62	.58	.68	.62	.58	.67	.61	.58	.66	.61	.57	.65	.60	.57	.56														
9.0	.64	.58	.54	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.52														
10.0	.61	.55	.51	.60	.55	.51	.60	.54	.51	.59	.54	.51	.58	.54	.50	.49														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: PHONEIX 90 TRACK LIGHT								TYPE: 5700K CRI-90				WEIGHT:		
SPECIFICATION: FULHAM 1050 MA								DIMENSION: D-90 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	.167	.096	.031	.156	.090	.029	.145	.084	.027	
2.0	.178	.098	.030	.173	.095	.029	.162	.090	.028	.152	.085	.027	.143	.081	.025	
3.0	.170	.090	.027	.165	.088	.027	.156	.084	.026	.147	.081	.025	.139	.077	.024	
4.0	.161	.084	.025	.157	.082	.024	.149	.079	.024	.142	.076	.023	.135	.073	.022	
5.0	.153	.078	.023	.150	.077	.022	.143	.074	.022	.136	.072	.021	.130	.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	.121	.063	.019	
8.0	.133	.065	.018	.131	.064	.018	.126	.063	.018	.121	.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	.089	.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	.026	.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:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: PHONEIX 90 TRACK LIGHT					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM 1050 MA					DIMENSION: D-90 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	13.8	14.8	14.0	15.0	15.1	12.9	13.9	13.1	14.1	14.2
	3H	13.7	14.6	14.0	14.8	15.0	12.8	13.7	13.0	13.9	14.1
	4H	13.7	14.5	14.0	14.8	15.0	12.7	13.6	13.0	13.8	14.0
	6H	13.7	14.5	14.0	14.7	15.0	12.7	13.5	13.0	13.8	14.0
	8H	13.7	14.5	14.0	14.7	15.0	12.7	13.5	13.0	13.7	14.0
	12H	13.7	14.4	14.0	14.7	15.0	12.7	13.4	13.0	13.7	14.0
4H	2H	13.6	14.4	13.9	14.7	14.9	12.7	13.5	13.0	13.8	14.0
	3H	13.5	14.2	13.8	14.5	14.8	12.6	13.4	12.9	13.6	13.9
	4H	13.5	14.2	13.8	14.5	14.8	12.6	13.3	13.0	13.6	13.9
	6H	13.5	14.1	13.9	14.5	14.8	12.6	13.2	13.0	13.5	13.9
	8H	13.6	14.1	14.0	14.5	14.8	12.6	13.2	13.0	13.5	13.9
	12H	13.6	14.1	14.0	14.5	14.9	12.6	13.1	13.0	13.5	13.9
8H	4H	13.4	13.9	13.8	14.3	14.7	12.5	13.1	12.9	13.4	13.8
	6H	13.5	13.9	13.9	14.3	14.7	12.6	13.1	13.0	13.5	13.9
	8H	13.5	13.9	14.0	14.3	14.8	12.7	13.1	13.1	13.5	13.9
	12H	13.6	14.0	14.1	14.4	14.9	12.7	13.1	13.2	13.5	14.0
12H	4H	13.4	13.9	13.8	14.2	14.6	12.5	13.0	12.9	13.4	13.8
	6H	13.4	13.8	13.9	14.3	14.7	12.6	13.0	13.0	13.4	13.8
	8H	13.5	13.9	14.0	14.3	14.8	12.7	13.0	13.1	13.5	13.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 5.7					+ 2.5 / - 5.5				
1.5H		+ 4.7 / - 6.1					+ 4.3 / - 5.1				
2.0H		+ 6.2 / - 3.0					+ 4.3 / - 2.7				

CIE Pub.117 Corrected 3452 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 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	78	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	87	82
1.25	102	96	92	101	96	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	105	109	106	103	106	103	101	95
4.00	113	110	108	111	109	106	107	105	104	97
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		

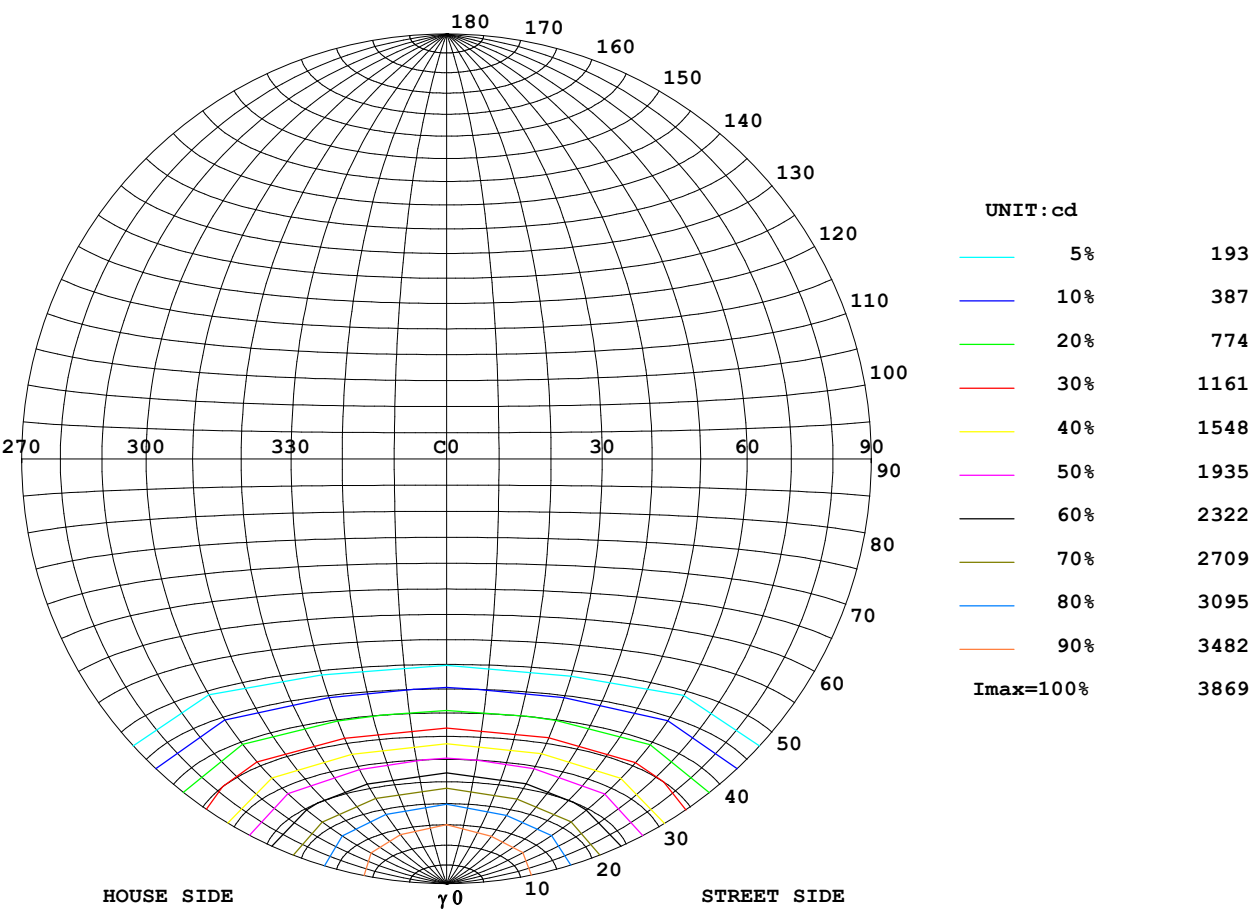
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 10-04-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.400 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

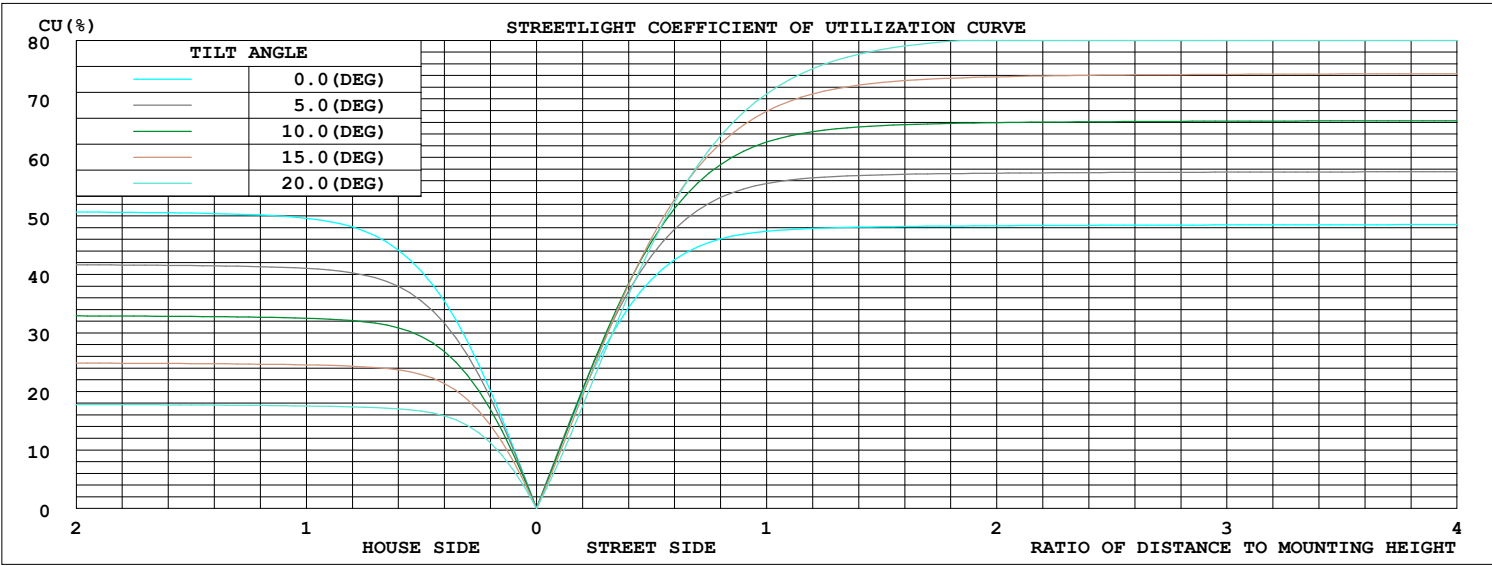
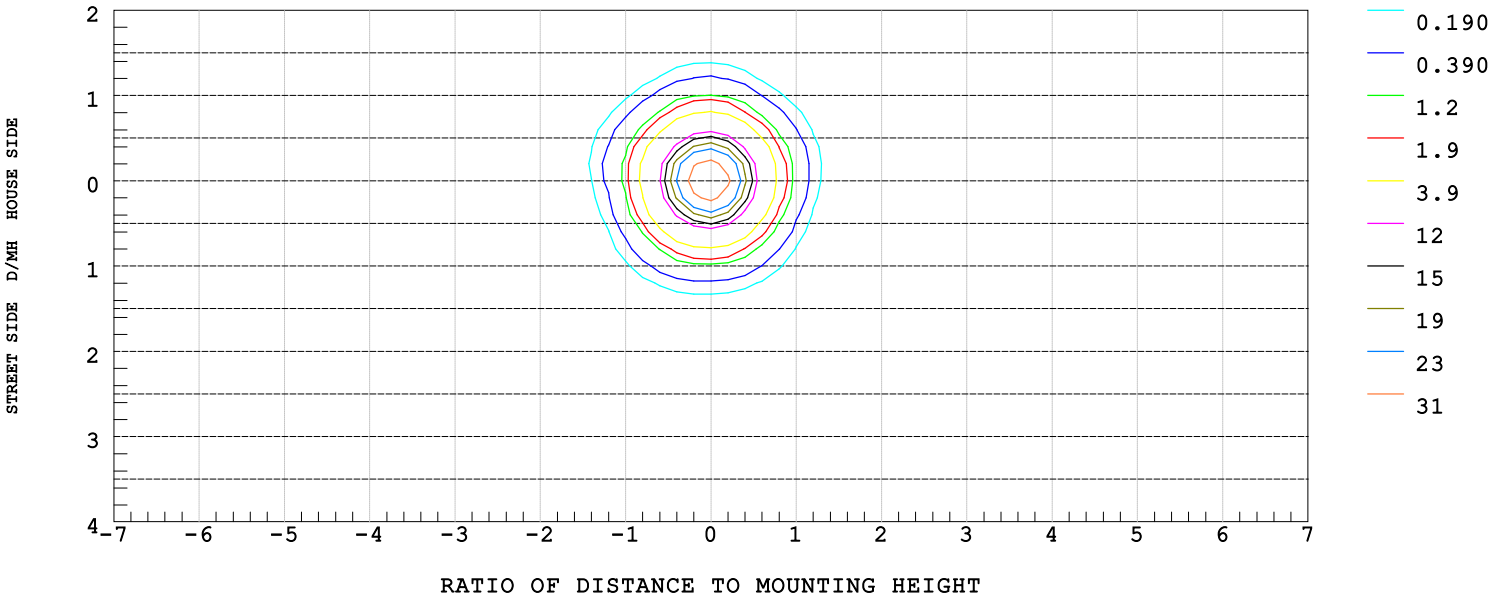
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 38.51 lx



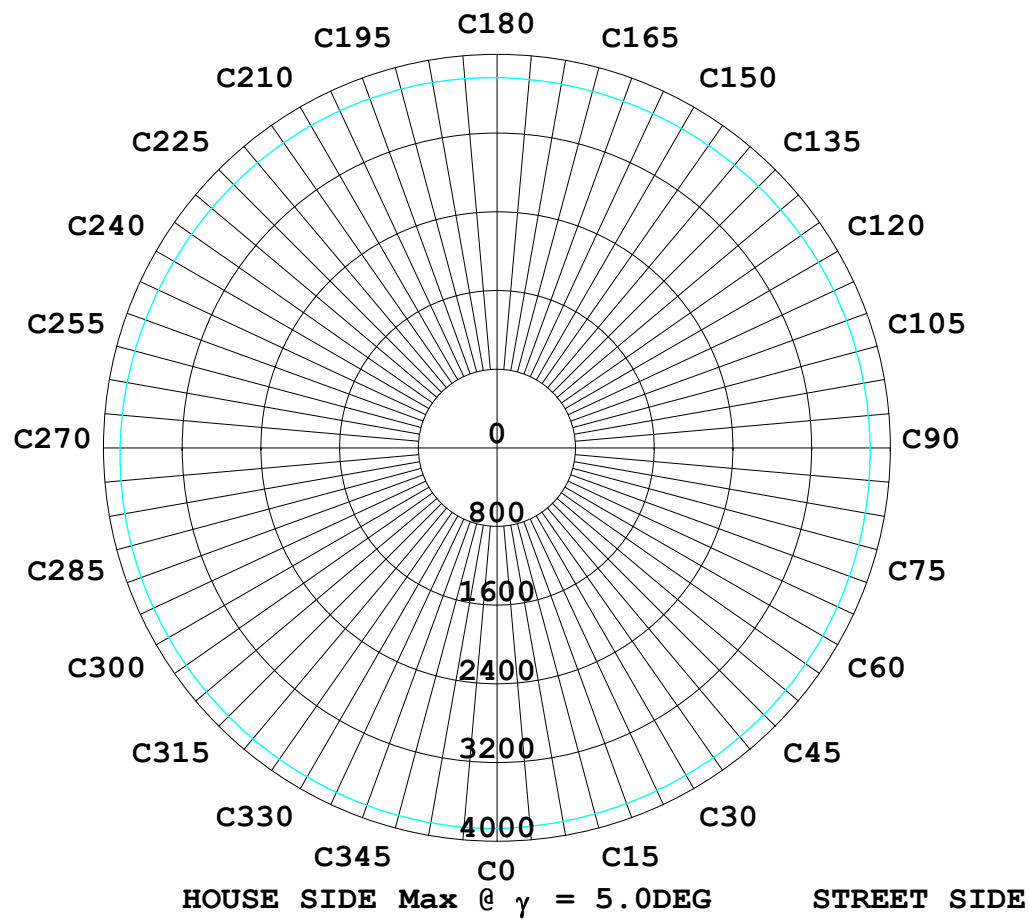
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 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 90 TRACK LIGHT	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 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	3851	3857	3857	3859	3856	3853	3851	3857	3857	3859	3856	3853
5.0	3869	3842	3824	3792	3776	3750	3765	3784	3793	3832	3855	3863
10.0	3737	3668	3638	3581	3560	3510	3521	3543	3564	3634	3697	3765
15.0	3483	3391	3338	3259	3217	3144	3162	3200	3224	3328	3410	3513
20.0	3082	2978	2913	2852	2734	2623	2676	2751	2844	2898	3001	3138
25.0	2552	2437	2283	2229	2168	2055	2121	2212	2231	2287	2442	2615
30.0	1964	1875	1795	1645	1591	1474	1519	1633	1660	1802	1846	1993
35.0	1354	1285	1229	1080	1034	922	977	1075	1097	1246	1272	1397
40.0	812	760	713	607	568	482	511	587	601	725	745	852
45.0	400	348	334	260	259	204	214	264	260	344	352	420
50.0	184	150	166	127	129	93.3	105	135	126	168	159	199
55.0	88.7	67.4	77.6	53.4	59.6	40.5	43.5	61.0	52.0	78.2	71.2	97.6
60.0	48.6	33.7	43.6	28.1	35.8	22.7	24.4	35.6	26.7	42.4	34.4	50.4
65.0	30.7	20.3	28.8	18.8	26.0	17.0	18.4	25.8	17.9	27.9	20.6	31.6
70.0	23.8	15.8	22.5	14.6	20.8	13.6	14.9	20.3	13.6	21.7	15.5	24.1
75.0	19.4	12.7	18.2	11.6	17.2	11.2	12.2	16.5	10.7	17.4	12.2	19.1
80.0	16.0	10.2	14.7	9.03	13.4	7.83	9.24	12.7	8.11	14.1	9.66	15.6
85.0	11.5	6.70	10.5	5.71	9.38	4.72	5.43	8.25	4.37	9.52	5.64	10.8
90.0	7.76	4.51	7.05	3.73	6.56	3.88	4.93	5.22	2.32	5.29	2.89	6.70

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:10-04-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.400 m
Remarks: 5700K