

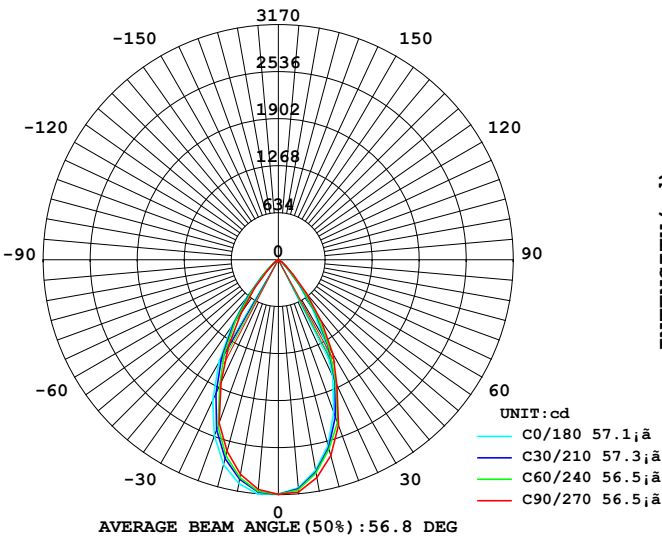
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

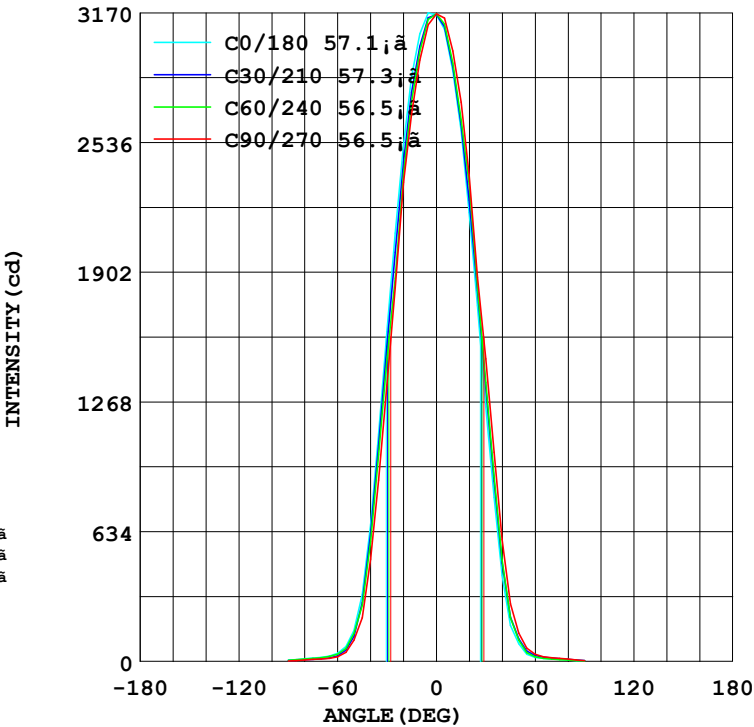
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3171	S/MH (C0/180)	0.91
MODEL	PHONEIX DOWNLIGHTER	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.85
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	2832.2	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	69.8	Current (A)	0.178
NOMINAL FLUX (lm)	2832.3	η up (%)	0.0	Power (W)	40.59
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	2641.8	EEI	0.209

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 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 DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

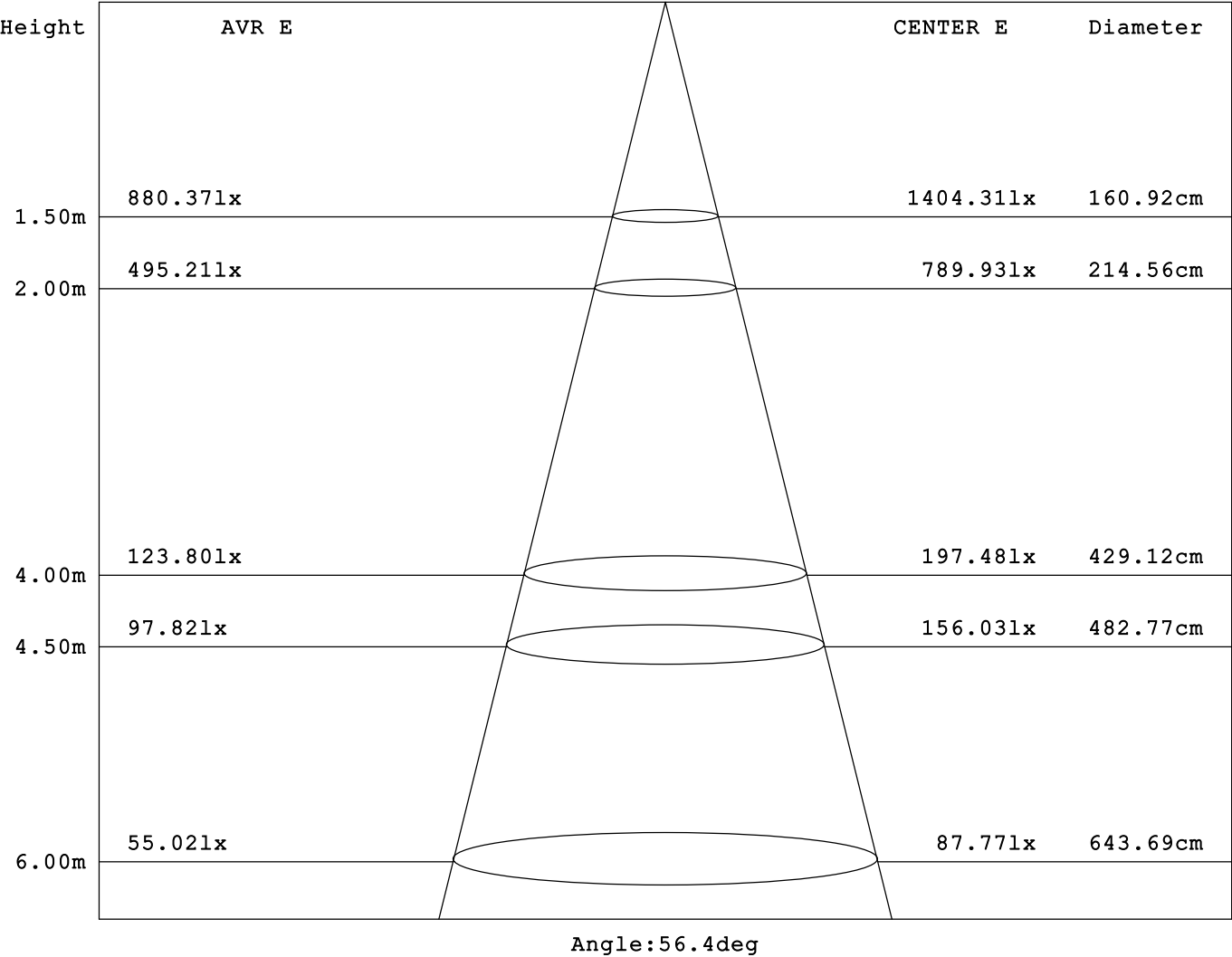
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 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 DOWNLIGHTER	TYPE: 3000K 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:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K 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	3068	2995	2939	2899	2886	2915	2982	3059	0- 10	293.1	293.1
20.0	2525	2413	2341	2197	2193	2294	2376	2517	10- 20	754.5	1048
30.0	1611	1507	1350	1257	1245	1351	1478	1577	20- 30	864.1	1912
40.0	666.2	604.8	499.2	430.7	419.7	487.5	595.6	655.7	30- 40	600.4	2512
50.0	151.2	129.7	104.1	91.14	86.23	107.3	138.0	147.1	40- 50	222.0	2734
60.0	40.02	31.85	23.21	24.05	19.98	25.61	34.82	34.97	50- 60	57.00	2791
70.0	19.58	15.71	12.01	14.20	12.24	13.97	17.84	16.28	60- 70	20.62	2812
80.0	13.28	10.33	7.451	8.750	7.566	8.577	11.55	10.36	70- 80	13.03	2825
90.0	6.411	4.736	3.061	4.303	4.043	3.061	4.389	3.927	80- 90	7.215	2832
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:09-13-2025

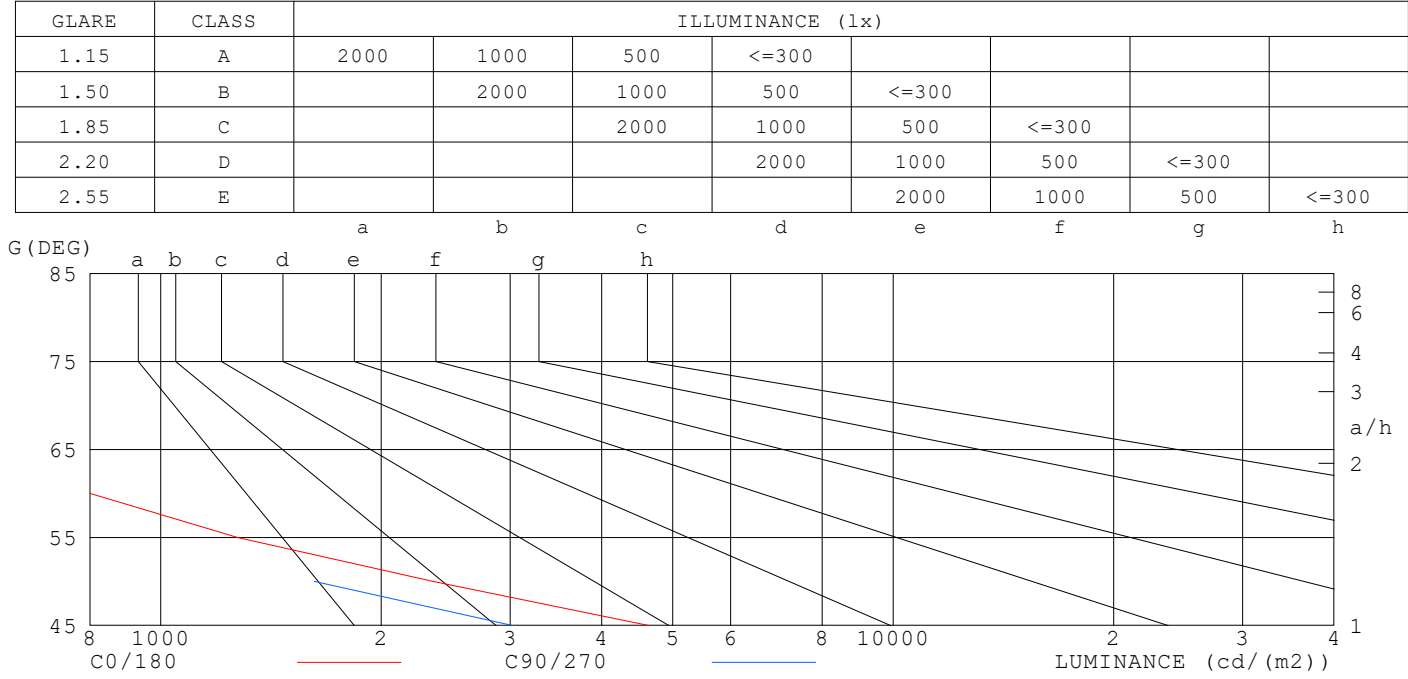
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K 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	1074	537
80	765	429
75	620	370
70	572	351
65	599	366
60	801	464
55	1274	765
50	2353	1621
45	4641	3023

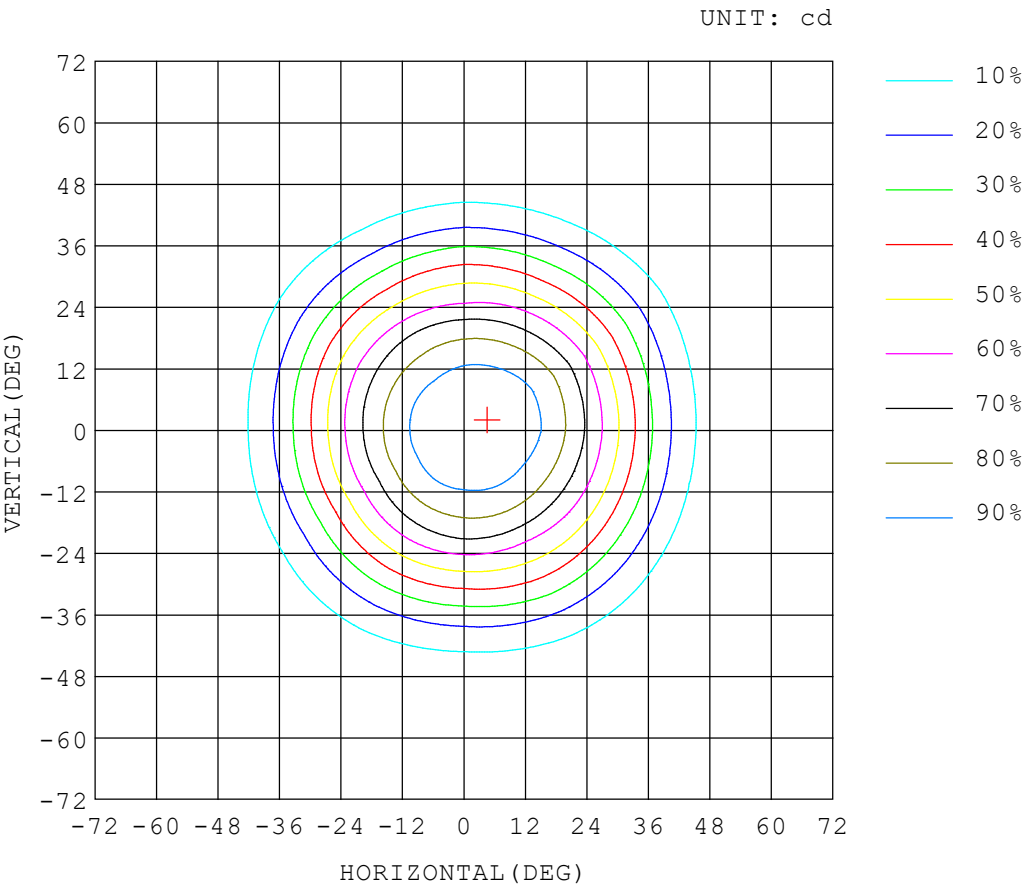
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



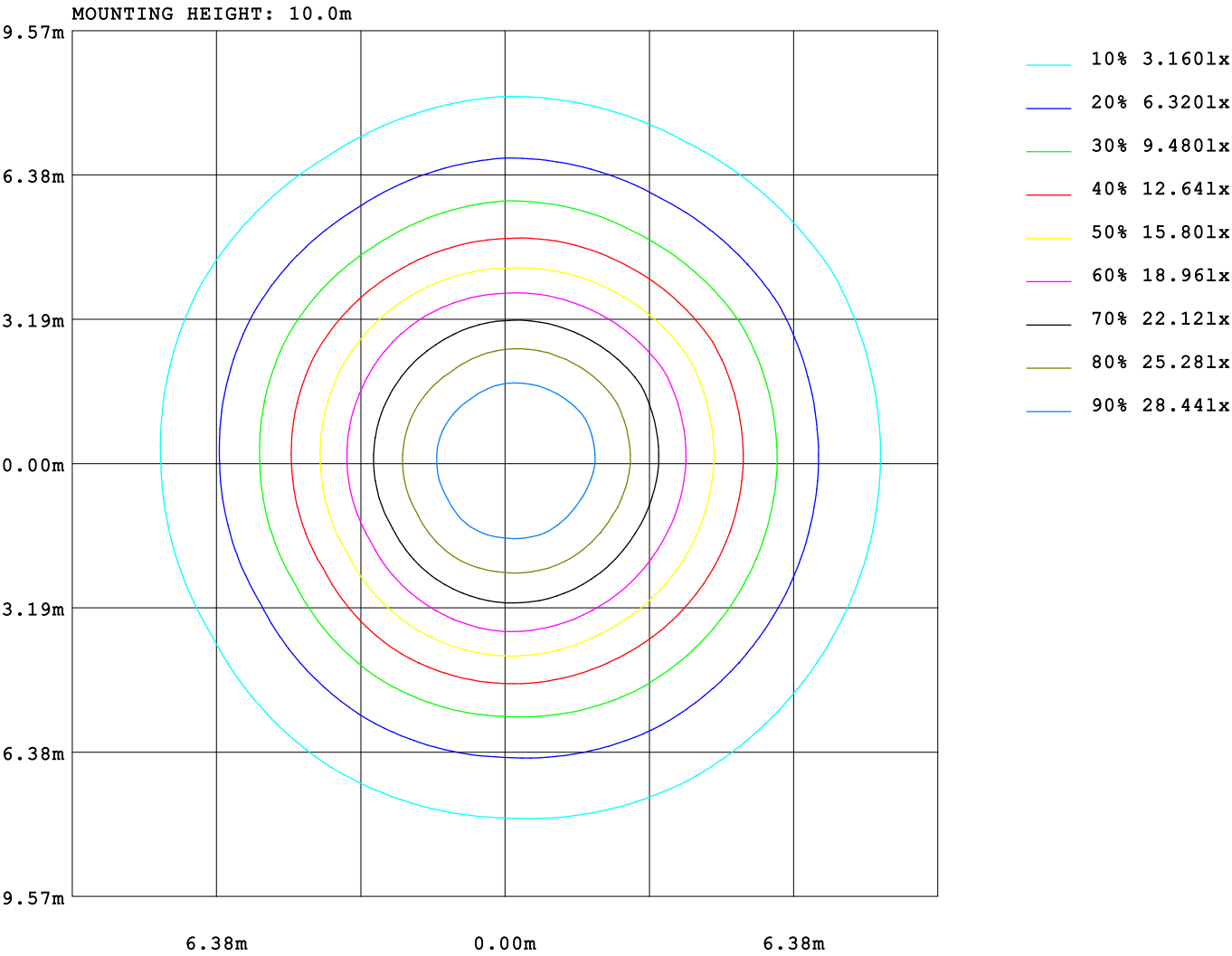
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K 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:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																				
NAME: PHONEIX DOWNLIGHTER										TYPE: 3000K CRI-90					WEIGHT:					
SPECIFICATION: FULHAM 1050 MA										DIMENSION: D-90 H-180 MM					SERIAL No.:					

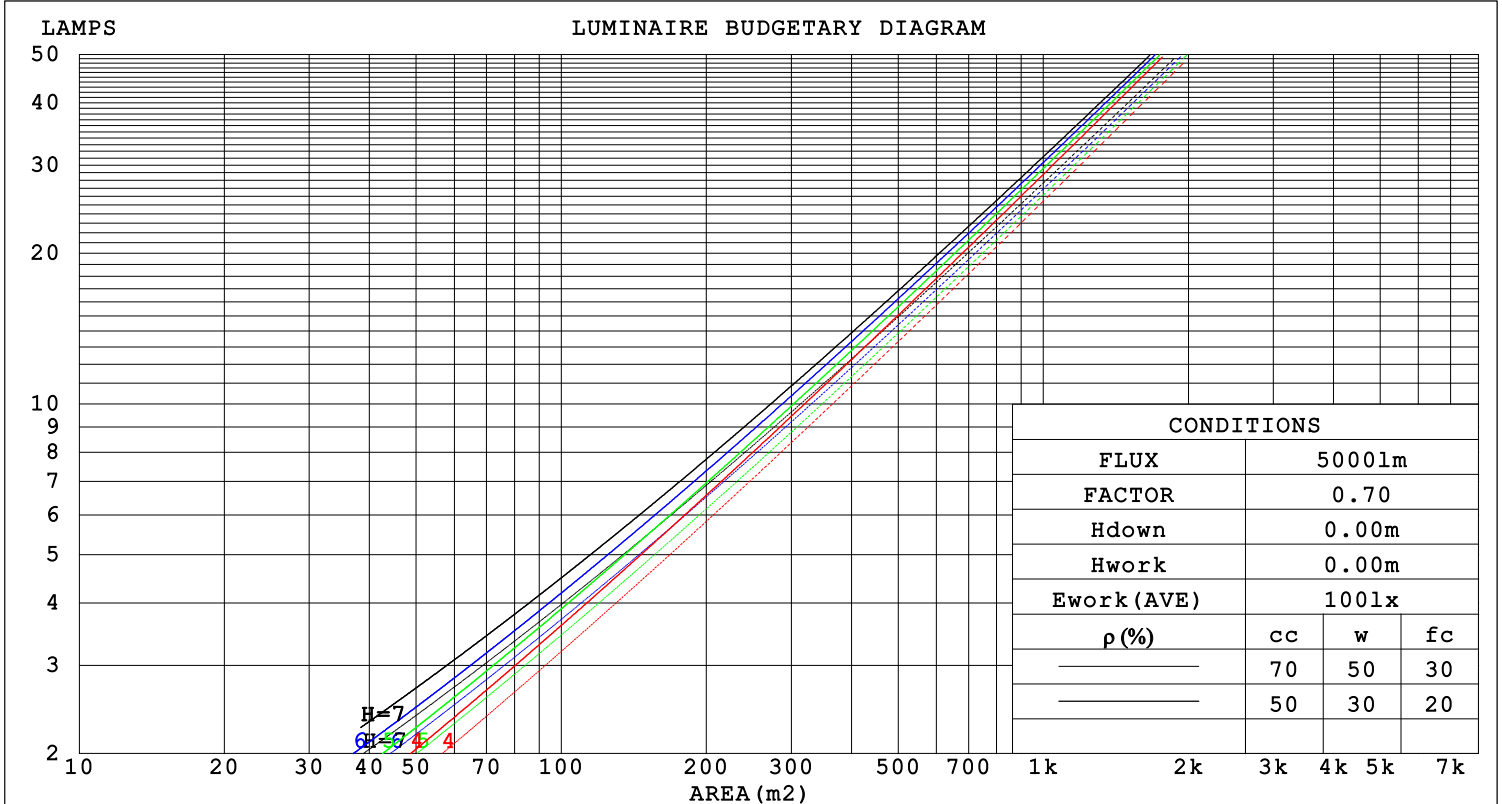
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.06	0.10	0.14	0.16	0.18	0.20	0.25	0.31	0.37	0.37	0.33	0.27	0.22	0.21	0.19	0.16	0.13	0.08	3.75	0.00		
64	0.07	0.13	0.18	0.22	0.26	0.30	0.41	0.56	0.70	0.72	0.62	0.48	0.36	0.31	0.26	0.21	0.15	0.10	6.01	0.00		
56	0.08	0.14	0.22	0.30	0.42	0.63	1.04	1.58	2.04	2.12	1.77	1.29	0.86	0.58	0.38	0.27	0.18	0.11	14.0	0.00		
48	0.09	0.16	0.28	0.47	0.92	1.79	3.08	5.01	6.61	6.91	5.78	3.96	2.42	1.32	0.69	0.36	0.21	0.12	40.2	14.8		
40	0.10	0.18	0.35	0.86	2.07	4.57	8.81	13.7	17.3	17.9	15.3	10.9	6.36	3.04	1.31	0.53	0.25	0.13	104	89.8		
32	0.10	0.20	0.47	1.49	4.19	10.1	18.2	25.7	30.7	31.6	28.1	21.4	13.4	6.31	2.31	0.78	0.29	0.14	196	186		
24	0.10	0.21	0.64	2.21	7.28	16.8	28.0	38.1	44.4	45.4	41.2	32.5	21.3	10.5	3.60	1.07	0.35	0.15	294	286		
VERTICAL (DEG)	0.10	0.22	0.78	3.00	10.0	22.1	35.8	47.4	54.2	55.8	51.4	41.5	27.5	14.0	4.96	1.34	0.40	0.16	371	364		
	0.10	0.22	0.84	3.42	11.5	24.7	39.6	52.0	59.3	60.7	56.2	45.4	30.6	16.0	5.75	1.50	0.43	0.16	409	402		
	0.10	0.22	0.81	3.31	11.1	24.1	38.9	51.5	59.0	60.1	55.2	44.6	30.1	15.7	5.63	1.46	0.42	0.16	403	396		
	0.10	0.20	0.68	2.70	9.20	20.5	33.9	46.3	53.7	54.7	49.7	39.3	26.2	13.3	4.63	1.22	0.37	0.15	357	350		
-24	0.09	0.18	0.52	1.83	6.20	14.9	26.2	36.7	43.3	44.3	39.2	30.6	19.8	9.58	3.15	0.92	0.30	0.14	278	271		
	0.09	0.16	0.35	1.10	3.40	8.96	16.9	24.4	29.0	29.8	26.8	20.5	12.3	5.44	1.84	0.61	0.24	0.12	182	173		
-32	0.08	0.14	0.24	0.60	1.68	4.11	8.22	12.4	15.3	15.9	14.2	10.3	5.79	2.56	0.97	0.39	0.19	0.11	93.4	80.5		
-40	0.07	0.12	0.19	0.35	0.79	1.69	2.98	4.41	5.44	5.72	5.11	3.78	2.29	1.13	0.52	0.25	0.15	0.10	35.1	10.1		
-48	0.06	0.10	0.16	0.25	0.42	0.69	1.05	1.37	1.58	1.66	1.57	1.31	0.91	0.55	0.31	0.18	0.13	0.09	12.4	0.00		
-56	0.05	0.09	0.13	0.20	0.29	0.40	0.46	0.50	0.51	0.53	0.56	0.53	0.46	0.33	0.23	0.15	0.11	0.08	5.61	0.00		
-64	0.04	0.07	0.11	0.16	0.23	0.28	0.30	0.29	0.28	0.28	0.31	0.32	0.31	0.24	0.18	0.13	0.09	0.06	3.68	0.00		
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	1.49	2.83	7.08	22.6	70.3	157	264	363	424	435	394	309	202	101	36.9	11.5	4.38	2.17	2832			
Φ a	0.00	0.00	0.00	3.63	55.9	146	253	352	414	424	383	298	190	88.1	16.7	0.00	0.00	0.00		2642		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

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	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	.59
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:7.600 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: PHONEIX DOWNLIGHTER								TYPE: 3000K 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
pf _c	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
pf _c	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:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K 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	13.1	14.1	13.4	14.3	14.5	12.2	13.2	12.4	13.4	13.5
3H	13.0	13.9	13.3	14.1	14.3	12.1	13.0	12.4	13.2	13.4
4H	13.0	13.9	13.3	14.1	14.3	12.1	12.9	12.3	13.1	13.4
6H	13.0	13.8	13.3	14.0	14.3	12.0	12.8	12.3	13.1	13.3
8H	13.0	13.8	13.3	14.0	14.3	12.0	12.8	12.3	13.0	13.3
12H	13.0	13.8	13.3	14.0	14.3	12.0	12.7	12.3	13.0	13.3
4H 2H	12.9	13.8	13.2	14.0	14.2	12.0	12.9	12.3	13.1	13.3
3H	12.8	13.6	13.1	13.8	14.1	11.9	12.7	12.3	12.9	13.2
4H	12.8	13.5	13.2	13.8	14.1	11.9	12.6	12.3	12.9	13.2
6H	12.9	13.4	13.2	13.8	14.1	11.9	12.5	12.3	12.9	13.2
8H	12.9	13.4	13.3	13.8	14.2	12.0	12.5	12.3	12.9	13.2
12H	12.9	13.4	13.4	13.8	14.2	12.0	12.5	12.4	12.8	13.2
8H 4H	12.7	13.3	13.1	13.6	14.0	11.9	12.4	12.2	12.8	13.1
6H	12.8	13.2	13.2	13.6	14.0	11.9	12.4	12.4	12.8	13.2
8H	12.8	13.2	13.3	13.7	14.1	12.0	12.4	12.4	12.8	13.2
12H	12.9	13.3	13.4	13.7	14.2	12.1	12.4	12.5	12.8	13.3
12H 4H	12.7	13.2	13.1	13.6	13.9	11.8	12.3	12.2	12.7	13.1
6H	12.8	13.2	13.2	13.6	14.0	11.9	12.3	12.4	12.7	13.2
8H	12.8	13.2	13.3	13.6	14.1	12.0	12.3	12.5	12.8	13.3

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 2832 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.6)

Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 7.600 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

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

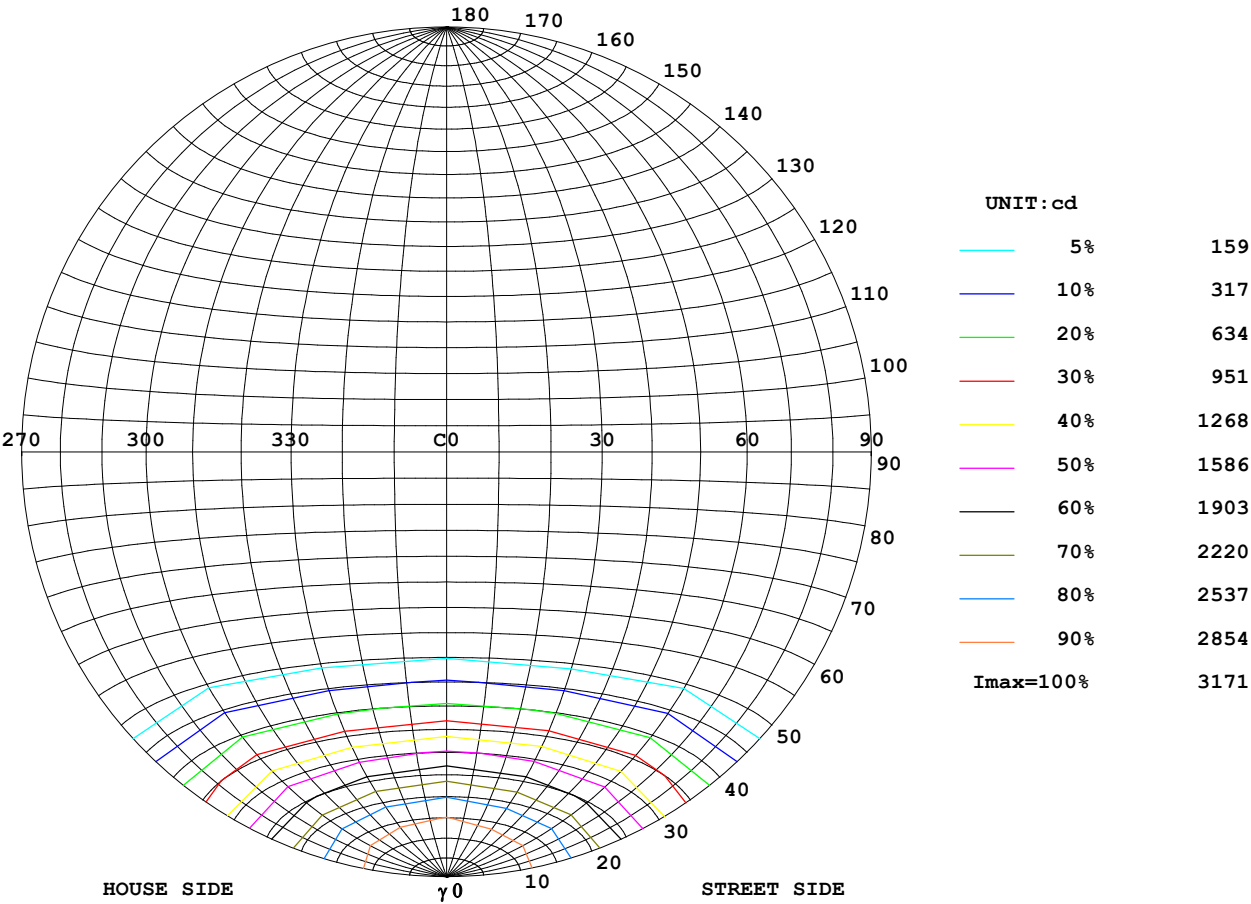
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.600 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K 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:09-13-2025

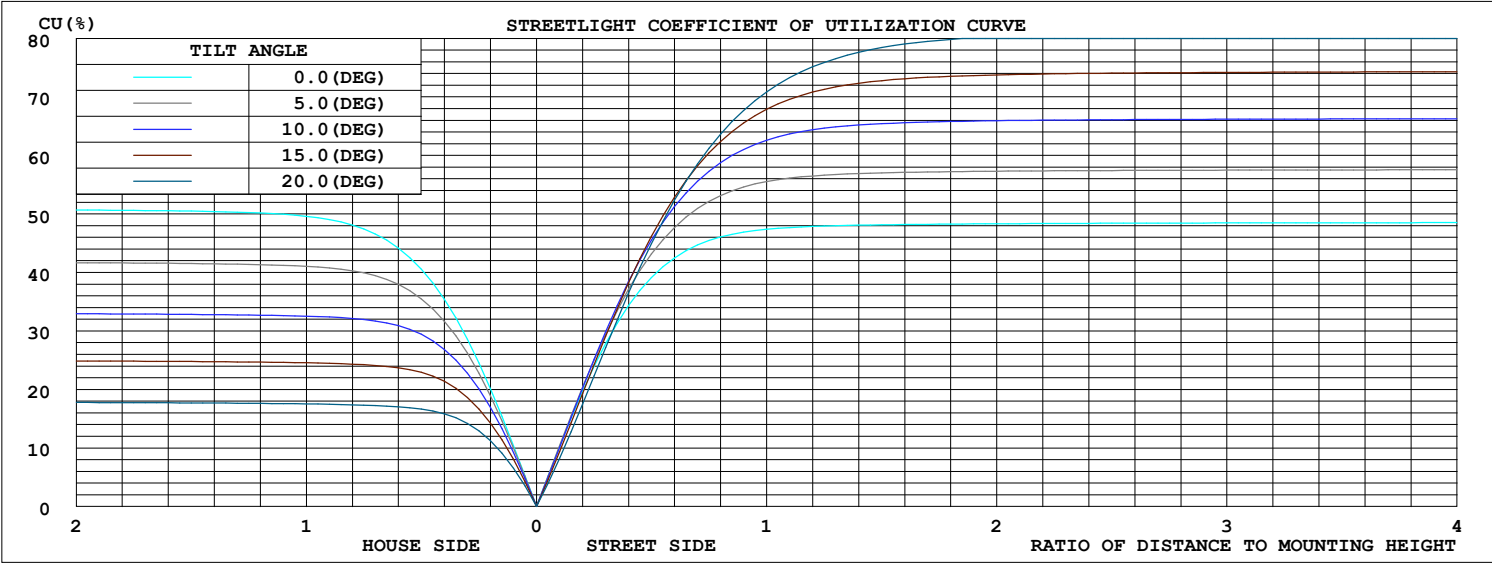
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 31.60 lx



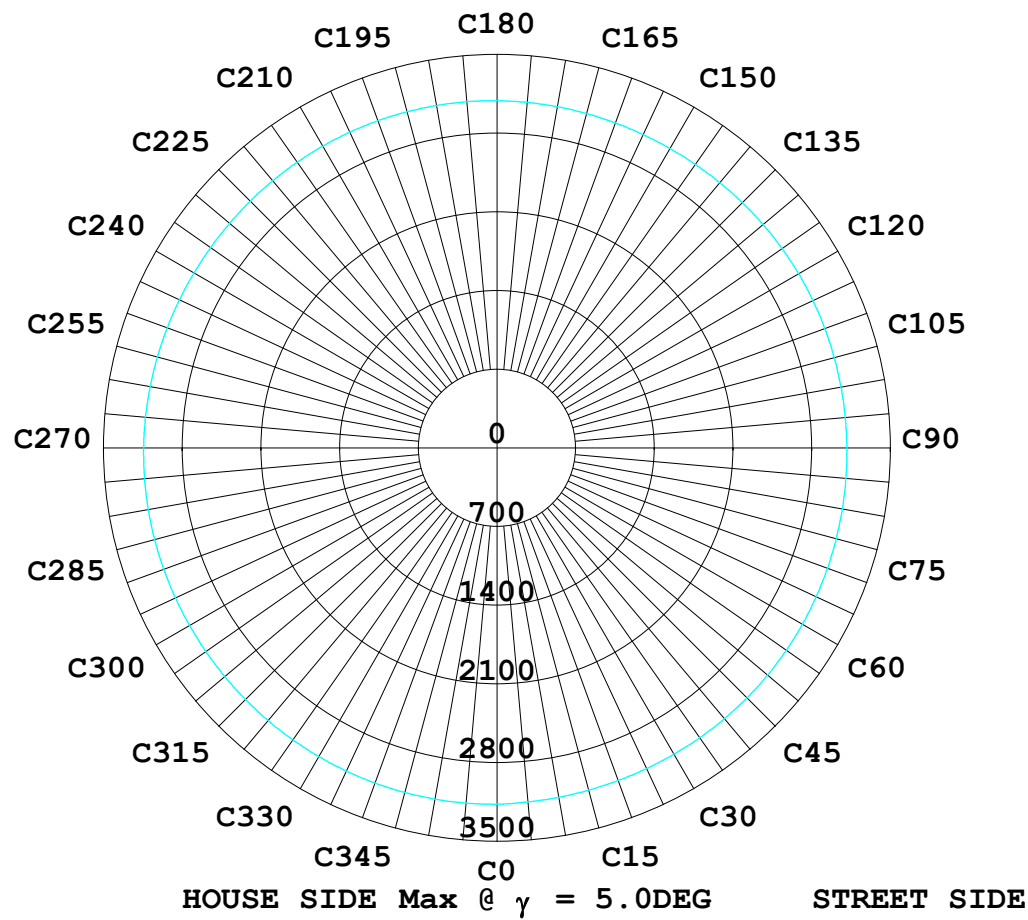
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K 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:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 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 DOWNLIGHTER	TYPE: 3000K 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	3160	3162	3165	3164	3162	3159	3160	3162	3165	3164	3162	3159
5.0	3170	3146	3137	3112	3099	3076	3089	3102	3114	3144	3159	3171
10.0	3068	3007	2983	2939	2919	2878	2886	2907	2923	2982	3032	3086
15.0	2858	2781	2736	2675	2640	2575	2593	2623	2646	2733	2800	2880
20.0	2525	2441	2385	2341	2243	2151	2193	2254	2333	2376	2463	2571
25.0	2093	1999	1873	1827	1776	1684	1737	1814	1831	1877	2003	2144
30.0	1611	1540	1474	1350	1306	1208	1245	1338	1364	1478	1516	1637
35.0	1111	1055	1010	886	848	756	801	881	903	1022	1044	1148
40.0	666	623	586	499	466	396	420	481	494	596	612	699
45.0	328	286	275	214	213	168	176	216	214	283	290	345
50.0	151	123	136	104	106	76.5	86.2	111	104	138	131	164
55.0	73.0	55.5	63.8	43.8	49.0	33.2	35.6	50.0	42.8	64.3	58.6	80.2
60.0	40.0	27.7	35.9	23.2	29.3	18.7	19.9	29.2	22.0	34.8	28.4	41.5
65.0	25.2	16.7	23.7	15.4	21.4	13.9	15.1	21.3	14.7	23.0	16.9	25.9
70.0	19.5	12.9	18.4	12.0	17.1	11.2	12.2	16.7	11.2	17.8	12.7	19.8
75.0	16.0	10.4	14.9	9.58	14.1	9.12	10.1	13.5	8.83	14.4	10.1	15.7
80.0	13.2	8.49	12.1	7.45	11.0	6.41	7.56	10.5	6.64	11.5	7.91	12.8
85.0	9.35	5.48	8.66	4.67	7.68	3.86	4.50	6.75	3.58	7.79	4.62	8.89
90.0	6.41	3.69	5.77	3.06	5.42	3.17	4.04	4.21	1.90	4.38	2.42	5.42

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.600 m
Remarks: 3000K