

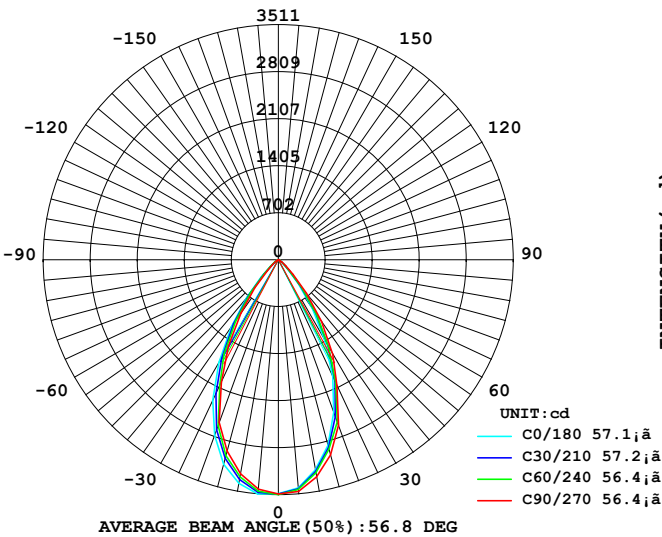
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

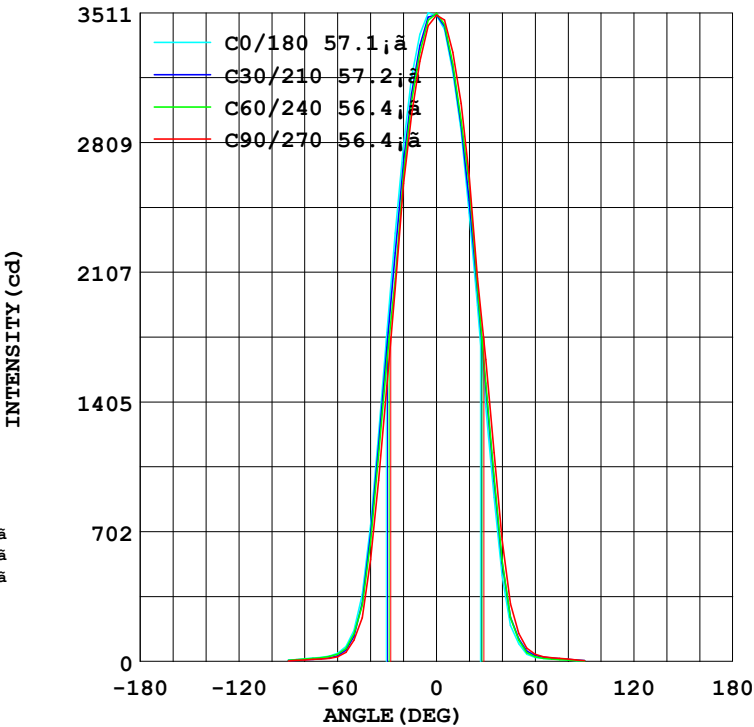
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3511	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)	3132.8	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	77.2	Current (A)	0.176
NOMINAL FLUX (lm)	3132.9	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)	2922.3	EEI	0.189

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:8.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

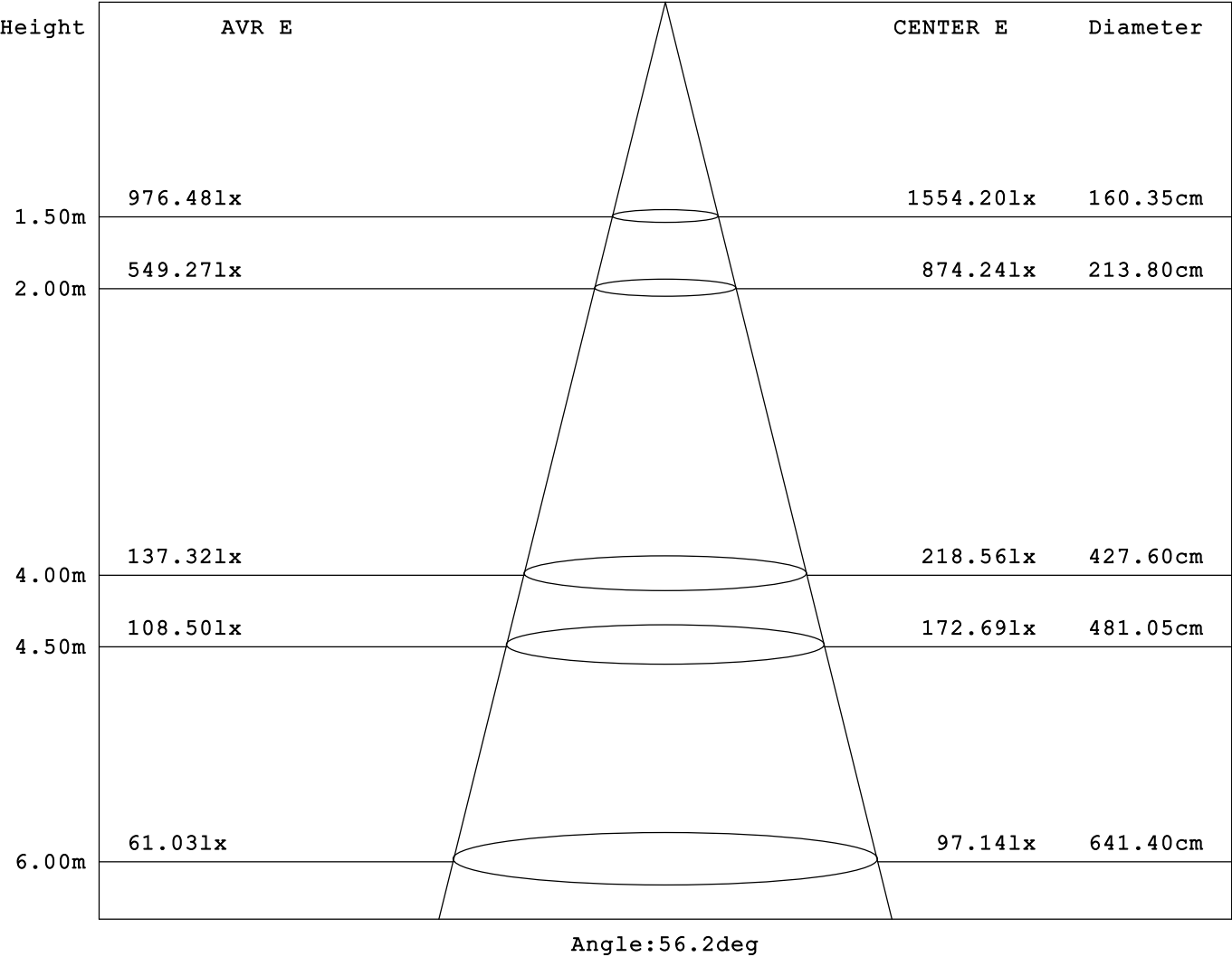
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

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: 4000K 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:8.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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	3395	3315	3249	3205	3191	3225	3297	3385	0- 10	324.4	324.4
20.0	2793	2671	2588	2430	2427	2538	2630	2784	10- 20	834.8	1159
30.0	1780	1665	1493	1391	1377	1494	1634	1743	20- 30	955.9	2115
40.0	736.8	668.6	551.8	476.8	464.6	539.4	658.4	724.8	30- 40	664.0	2779
50.0	167.3	143.3	115.1	100.8	95.29	118.8	152.3	162.4	40- 50	245.4	3025
60.0	44.16	35.16	25.53	26.59	22.14	28.35	38.46	38.56	50- 60	62.99	3088
70.0	21.69	17.37	13.24	15.71	13.56	15.52	19.64	18.01	60- 70	22.77	3111
80.0	14.65	11.36	8.192	9.632	8.384	9.472	12.80	11.48	70- 80	14.40	3125
90.0	7.104	5.280	3.392	4.768	4.416	3.392	4.800	4.352	80- 90	7.978	3133
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

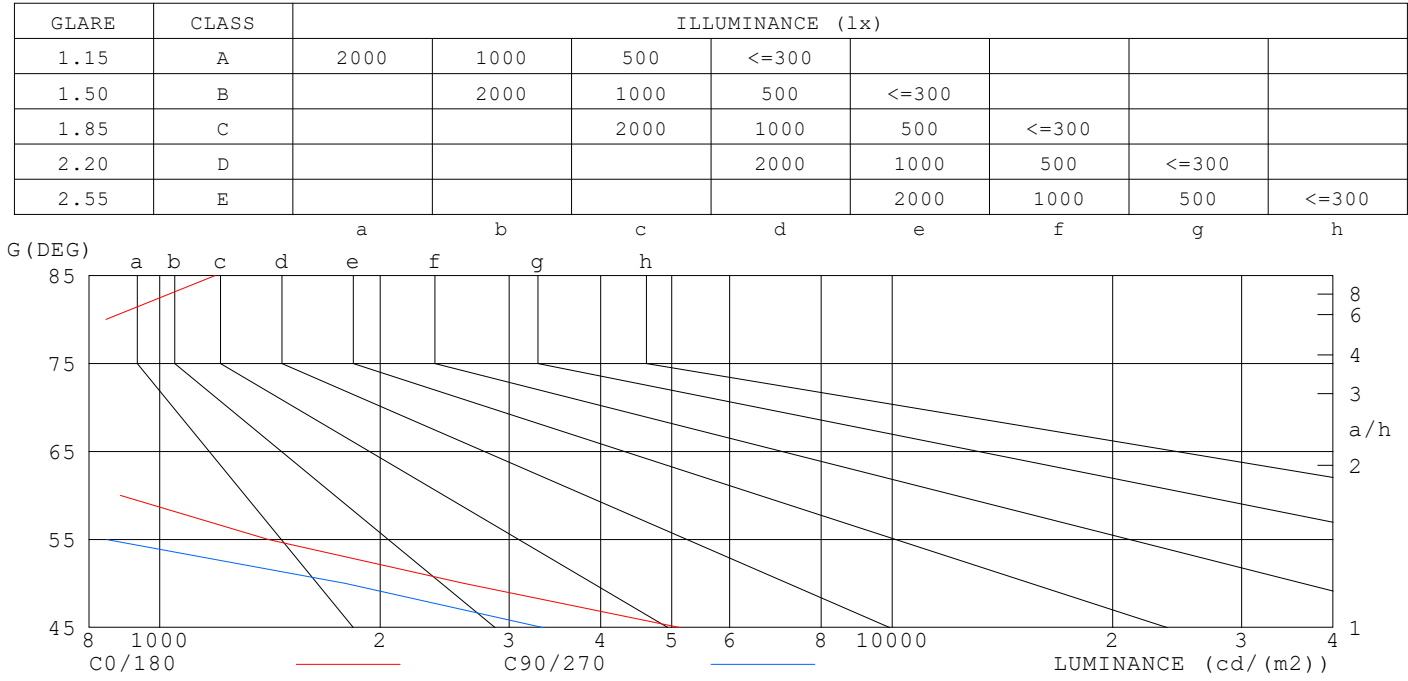
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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	1190	602
80	844	472
75	685	410
70	634	387
65	660	401
60	883	511
55	1407	846
50	2604	1792
45	5128	3334

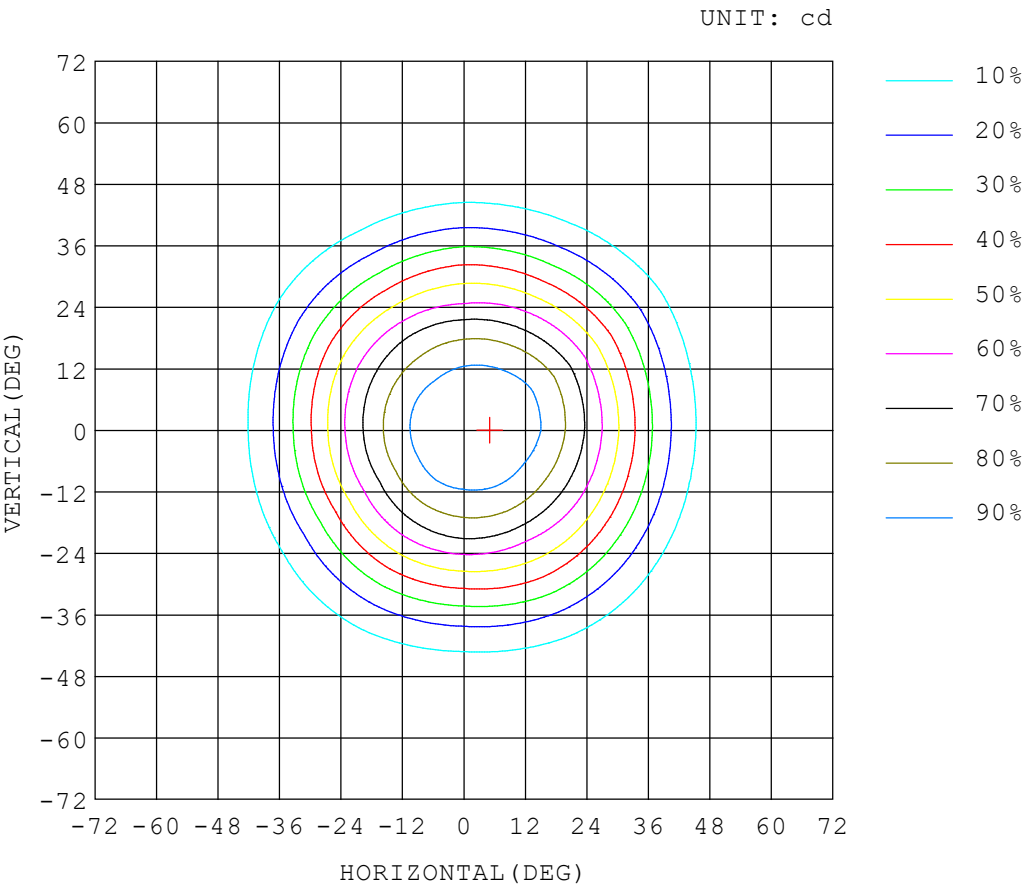
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:



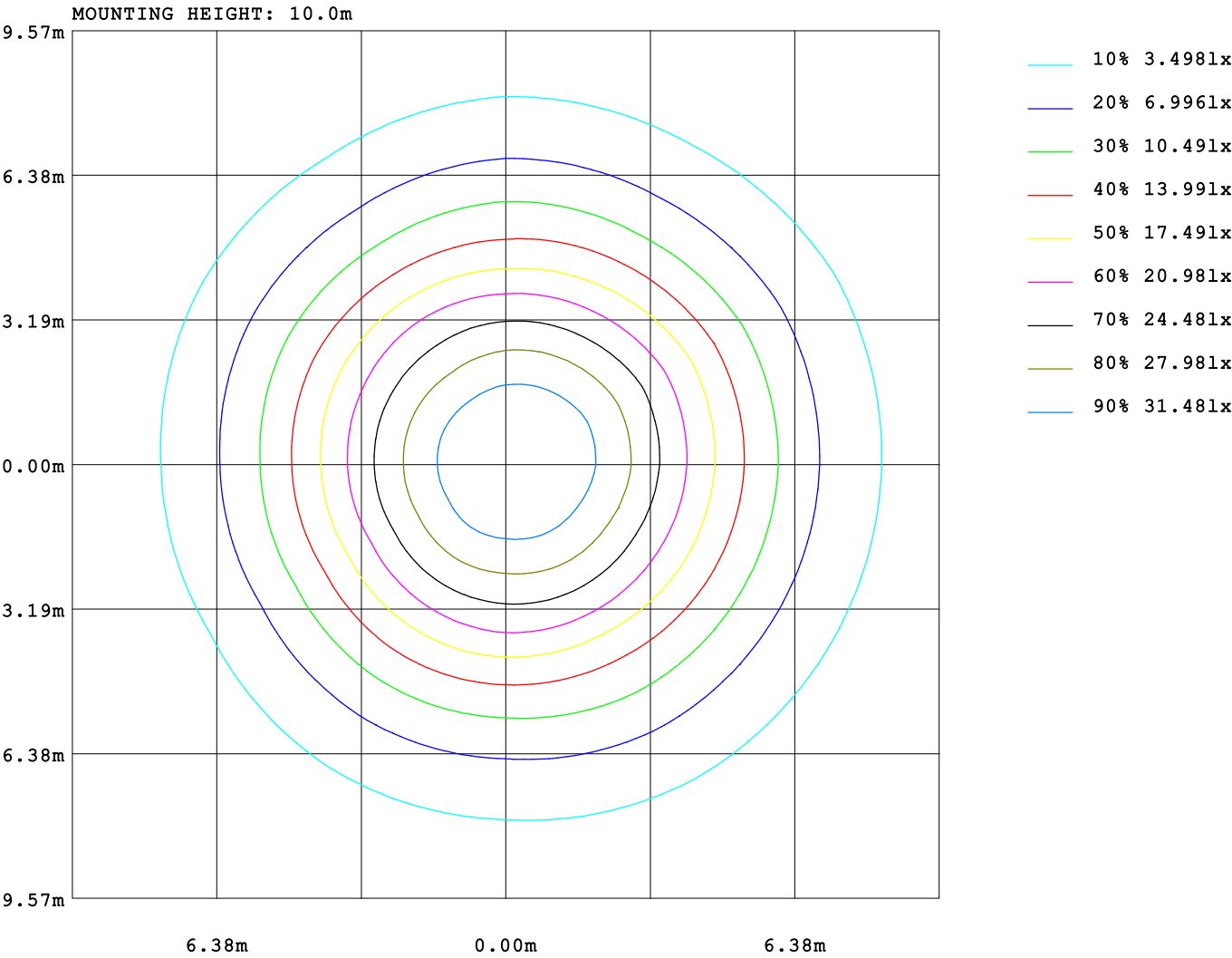
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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:8.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: PHONEIX DOWNLIGHTER										TYPE: 4000K 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	0.12	0.15	0.18	0.20	0.22	0.28	0.35	0.41	0.41	0.36	0.30	0.25	0.23	0.21	0.18	0.14	0.09	4.15	0.00		
64	0.08	0.14	0.20	0.24	0.28	0.33	0.45	0.62	0.77	0.79	0.68	0.53	0.40	0.34	0.28	0.23	0.17	0.11	6.63	0.00		
56	0.09	0.16	0.24	0.33	0.47	0.69	1.15	1.74	2.25	2.34	1.96	1.43	0.95	0.64	0.42	0.29	0.20	0.12	15.4	0.00		
48	0.10	0.18	0.31	0.52	1.01	1.98	3.41	5.53	7.30	7.64	6.39	4.37	2.67	1.46	0.76	0.40	0.23	0.13	44.4	16.3		
40	0.11	0.20	0.39	0.95	2.30	5.06	9.73	15.1	19.1	19.8	16.9	12.0	7.02	3.35	1.44	0.59	0.27	0.15	115	99.2		
32	0.11	0.22	0.52	1.65	4.65	11.2	20.1	28.4	33.9	34.9	31.1	23.6	14.8	6.97	2.55	0.86	0.33	0.16	216	206		
24	0.11	0.23	0.71	2.45	8.07	18.6	31.0	42.1	49.1	50.3	45.6	35.9	23.5	11.6	3.98	1.19	0.39	0.17	326	317		
VERTICAL (DEG)	0.11	0.25	0.86	3.32	11.1	24.5	39.7	52.4	59.9	61.7	56.9	46.0	30.4	15.5	5.48	1.48	0.44	0.18	411	403		
	0.11	0.25	0.93	3.78	12.7	27.3	43.8	57.5	65.6	67.2	62.2	50.3	33.9	17.7	6.36	1.66	0.47	0.18	452	445		
	0.11	0.24	0.89	3.66	12.3	26.7	43.1	57.0	65.3	66.6	61.1	49.3	33.3	17.4	6.23	1.61	0.46	0.18	446	439		
	0.11	0.22	0.76	2.99	10.1	22.7	37.5	51.2	59.4	60.5	55.0	43.5	29.0	14.8	5.12	1.35	0.41	0.17	395	387		
	0.10	0.20	0.57	2.02	6.87	16.5	29.0	40.6	47.9	49.0	43.4	33.9	21.9	10.6	3.48	1.01	0.34	0.15	308	299		
-24	0.09	0.17	0.39	1.22	3.77	9.92	18.7	27.0	32.1	32.9	29.7	22.6	13.6	6.01	2.03	0.67	0.27	0.14	202	191		
-32	0.09	0.15	0.27	0.67	1.86	4.55	9.10	13.8	16.9	17.6	15.7	11.4	6.40	2.83	1.06	0.43	0.21	0.12	103	89.0		
-40	0.08	0.13	0.21	0.39	0.87	1.86	3.30	4.88	6.01	6.32	5.65	4.17	2.53	1.25	0.57	0.27	0.17	0.11	38.8	11.2		
-48	0.07	0.11	0.17	0.28	0.46	0.77	1.16	1.51	1.75	1.83	1.74	1.44	1.00	0.60	0.34	0.20	0.14	0.10	13.7	0.00		
-56	0.06	0.10	0.15	0.22	0.32	0.44	0.51	0.56	0.57	0.59	0.62	0.59	0.50	0.36	0.25	0.17	0.12	0.08	6.19	0.00		
-64	0.05	0.08	0.12	0.18	0.25	0.31	0.33	0.32	0.30	0.31	0.34	0.35	0.34	0.27	0.20	0.14	0.10	0.07	4.06	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	1.64	3.13	7.83	25.1	77.8	174	293	401	469	481	436	342	223	112	40.8	12.7	4.84	2.39	3133			
Φ a	0.00	0.00	0.00	4.02	62.0	161	280	390	458	469	424	330	210	97.2	18.4	0.00	0.00	0.00		2922		

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

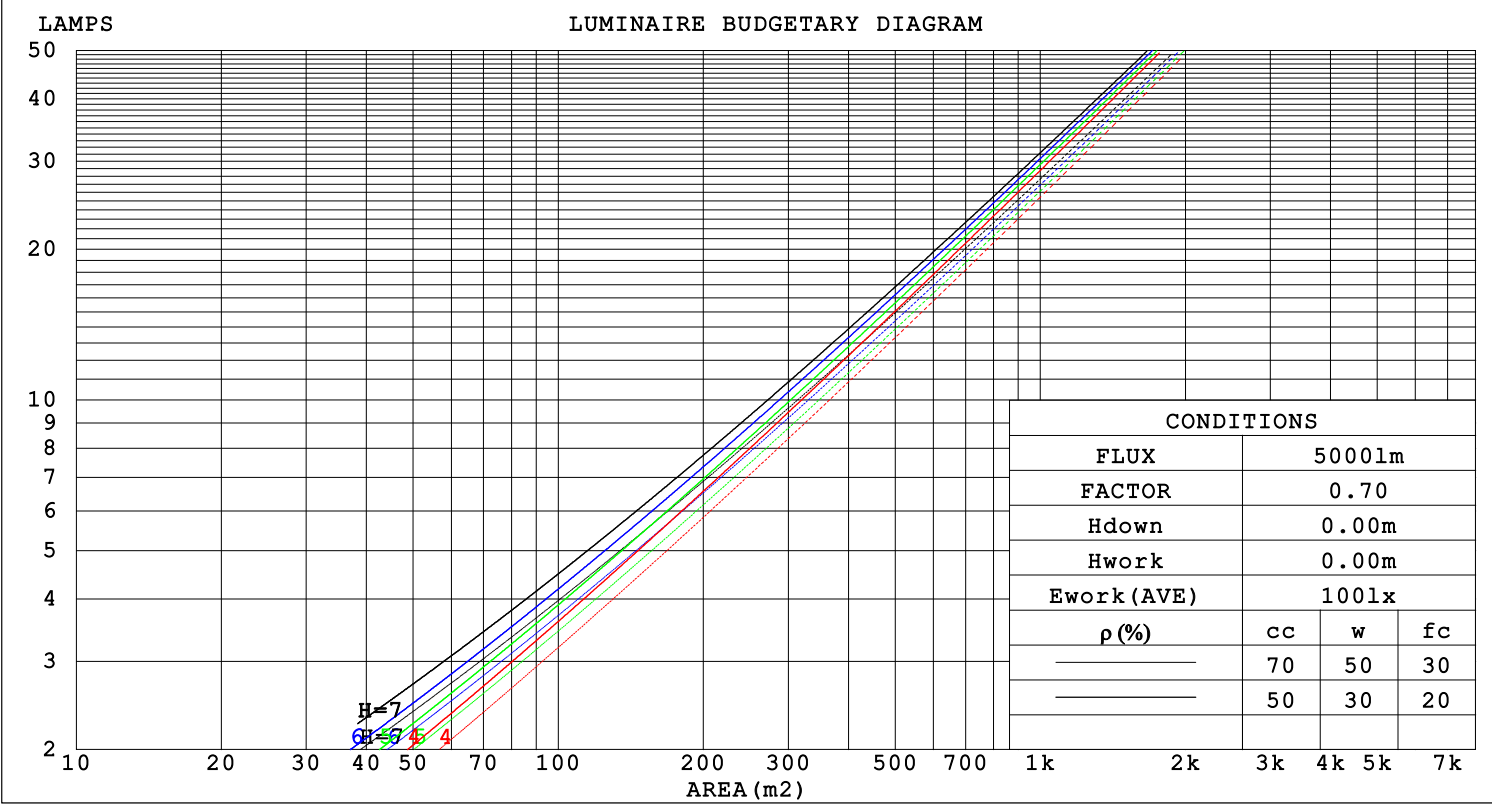
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: PHONEIX DOWNLIGHTER								TYPE: 4000K 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 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 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:8.000 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: PHONEIX DOWNLIGHTER								TYPE: 4000K 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:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: PHONEIX DOWNLIGHTER						TYPE: 4000K 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		13.5	14.5	13.7	14.6	14.8	12.6	13.6	12.8	13.7	13.9
	3H	13.4	14.3	13.6	14.5	14.7	12.4	13.4	12.7	13.6	13.8
	4H	13.3	14.2	13.6	14.4	14.7	12.4	13.3	12.7	13.5	13.7
	6H	13.3	14.1	13.6	14.4	14.6	12.4	13.2	12.7	13.4	13.7
	8H	13.4	14.1	13.7	14.4	14.6	12.3	13.1	12.7	13.4	13.6
	12H	13.4	14.1	13.7	14.4	14.7	12.3	13.1	12.7	13.3	13.6
4H	2H	13.3	14.1	13.5	14.3	14.6	12.3	13.2	12.6	13.4	13.7
	3H	13.2	13.9	13.5	14.2	14.5	12.3	13.0	12.6	13.3	13.6
	4H	13.2	13.8	13.5	14.1	14.4	12.3	12.9	12.6	13.2	13.6
	6H	13.2	13.8	13.6	14.1	14.5	12.3	12.9	12.7	13.2	13.6
	8H	13.2	13.8	13.6	14.1	14.5	12.3	12.8	12.7	13.2	13.6
	12H	13.3	13.8	13.7	14.2	14.6	12.3	12.8	12.7	13.2	13.6
8H	4H	13.1	13.6	13.5	14.0	14.3	12.2	12.7	12.6	13.1	13.5
	6H	13.1	13.6	13.6	14.0	14.4	12.3	12.7	12.7	13.1	13.5
	8H	13.2	13.6	13.6	14.0	14.4	12.3	12.7	12.8	13.1	13.6
	12H	13.3	13.6	13.8	14.1	14.5	12.4	12.7	12.9	13.2	13.6
12H	4H	13.0	13.5	13.4	13.9	14.3	12.2	12.7	12.6	13.0	13.4
	6H	13.1	13.5	13.6	13.9	14.4	12.3	12.7	12.7	13.1	13.5
	8H	13.2	13.5	13.6	14.0	14.4	12.3	12.7	12.8	13.1	13.6
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 / - 2.8				

CIE Pub.117 Corrected 3133 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

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:8.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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		

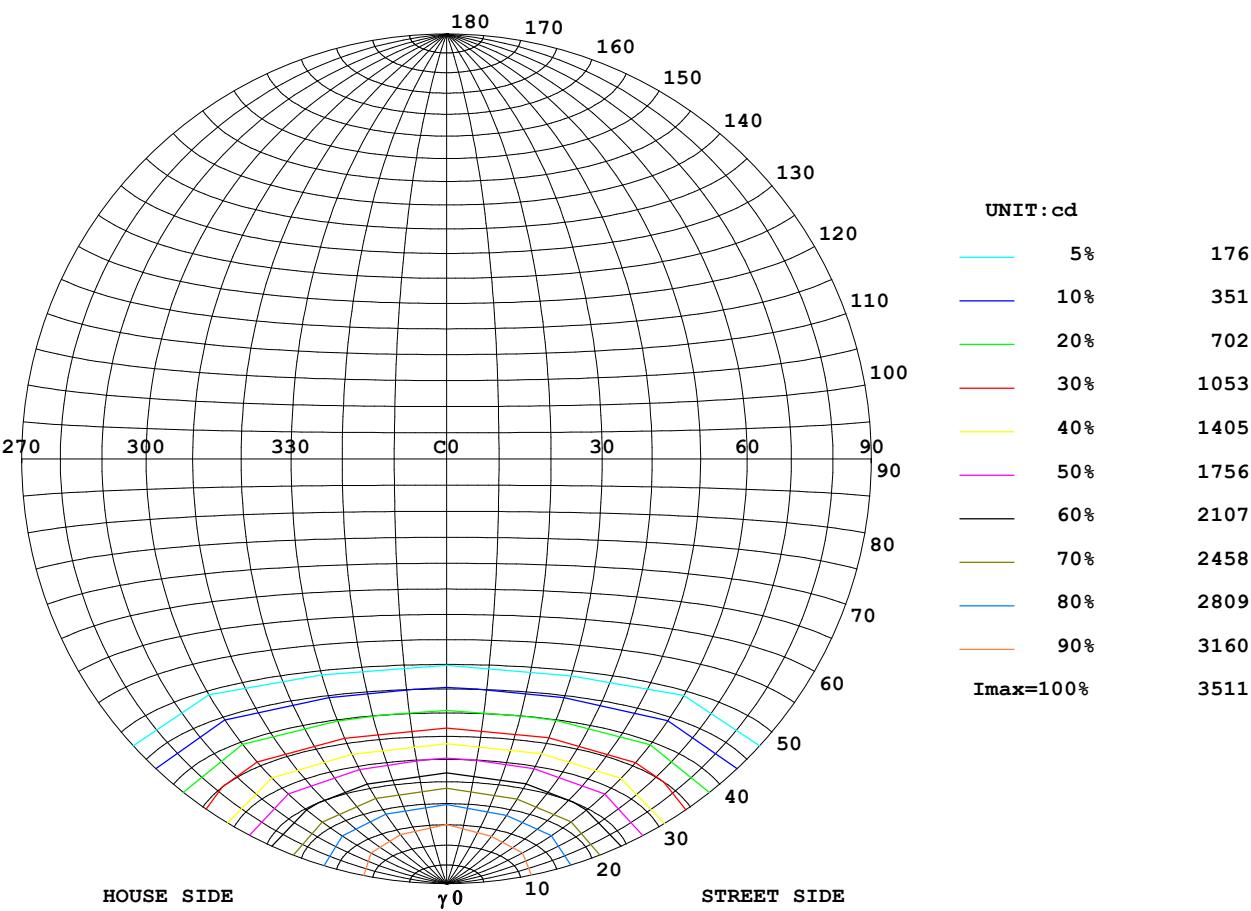
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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:8.000 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 1050 MA	DIMENSION: D-90 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 34.97 lx



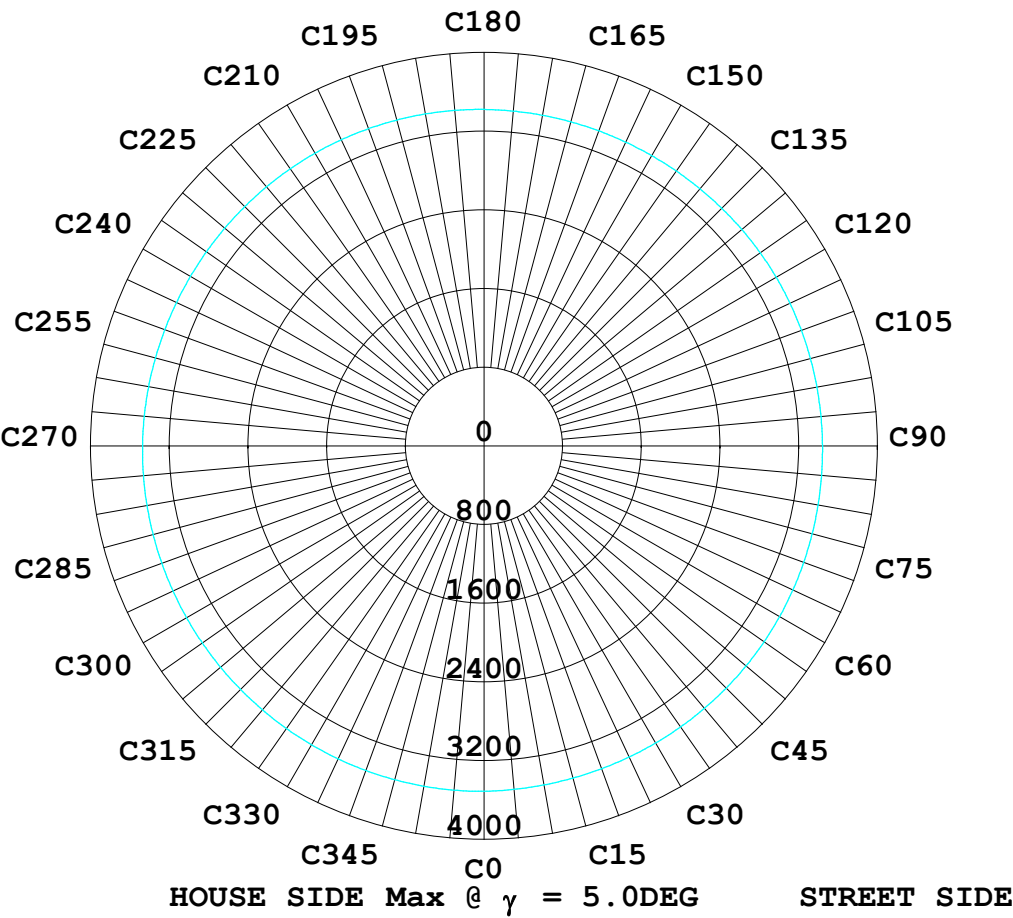
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-13-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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:8.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K 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	3497	3501	3509	3499	3496	3494	3497	3501	3509	3499	3496	3494
5.0	3511	3488	3470	3441	3430	3409	3421	3438	3447	3473	3493	3509
10.0	3395	3333	3297	3249	3228	3182	3191	3216	3234	3297	3354	3415
15.0	3162	3073	3030	2958	2922	2852	2872	2903	2929	3021	3096	3187
20.0	2793	2702	2640	2588	2480	2380	2427	2495	2582	2630	2724	2844
25.0	2319	2211	2070	2021	1963	1866	1927	2007	2025	2074	2215	2374
30.0	1780	1700	1631	1493	1443	1338	1377	1482	1507	1634	1676	1810
35.0	1228	1167	1116	980	938	838	887	975	997	1131	1154	1269
40.0	737	689	648	552	515	438	465	533	546	658	677	773
45.0	363	317	304	236	235	186	195	240	236	312	320	381
50.0	167	136	150	115	117	84.8	95.2	123	115	152	144	181
55.0	80.7	61.1	70.4	48.5	54.2	36.9	39.6	55.4	47.2	71.0	64.7	88.7
60.0	44.1	30.6	39.6	25.5	32.5	20.6	22.1	32.3	24.3	38.4	31.2	45.8
65.0	27.9	18.4	26.2	16.9	23.6	15.4	16.7	23.5	16.2	25.4	18.6	28.6
70.0	21.6	14.3	20.4	13.2	19.0	12.4	13.5	18.5	12.4	19.6	14.1	21.8
75.0	17.7	11.5	16.5	10.6	15.6	10.1	11.1	14.9	9.79	15.8	11.1	17.4
80.0	14.6	9.28	13.4	8.19	12.2	7.04	8.38	11.5	7.36	12.8	8.76	14.2
85.0	10.3	6.01	9.60	5.24	8.44	4.35	4.92	7.48	3.96	8.64	5.12	9.85
90.0	7.10	4.09	6.46	3.39	5.95	3.58	4.41	4.67	2.11	4.80	2.62	6.08

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:8.000 m
Remarks: 4000K