

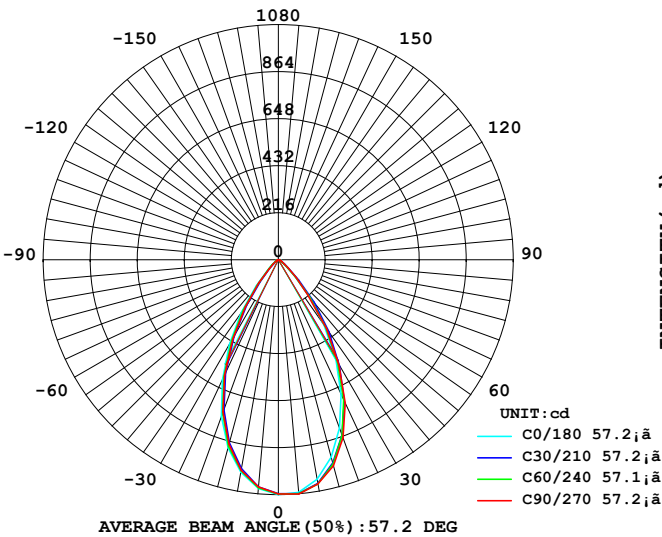
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

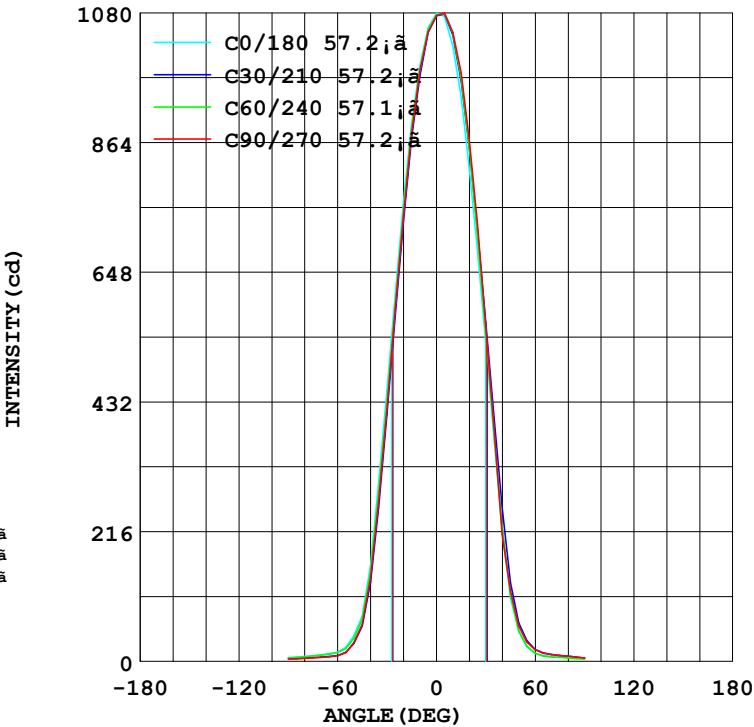
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1080	S/MH (C0/180)	0.84
MODEL	PHONEIX DOWNLIGHTER	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.82
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	988.86	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	91.6	Current (A)	0.052
NOMINAL FLUX (lm)	988.9	η up (%)	0.0	Power (W)	10.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.994
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	905.7	EEI	0.152

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

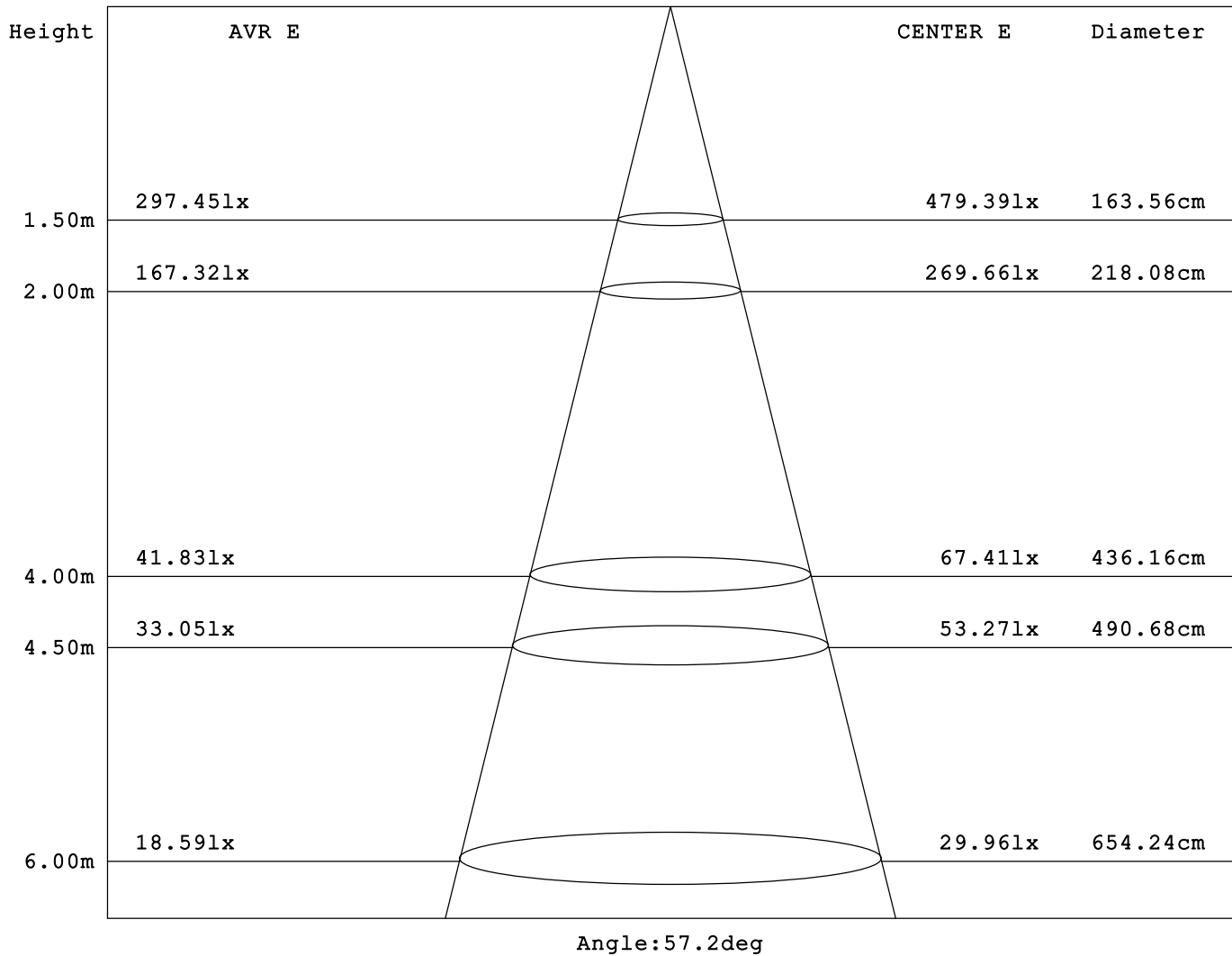
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	991.7	980.1	982.4	997.9	1024	1044	1047	1019	0- 10	99.80	99.80
20.0	766.1	741.6	743.0	783.7	822.7	857.8	869.9	818.7	10- 20	256.7	356.5
30.0	450.1	420.3	419.7	474.1	529.6	554.4	556.6	508.1	20- 30	296.8	653.3
40.0	160.7	141.5	139.9	178.3	217.6	241.6	211.6	196.8	30- 40	207.1	860.4
50.0	43.06	34.46	31.42	42.91	49.70	57.58	59.02	45.30	40- 50	78.67	939.1
60.0	15.89	12.21	9.392	13.18	13.72	16.76	19.21	14.30	50- 60	23.62	962.7
70.0	10.90	8.742	6.719	8.742	8.381	9.428	11.41	8.959	60- 70	11.08	973.8
80.0	8.308	6.647	5.202	6.791	7.008	7.188	8.597	6.899	70- 80	8.474	982.3
90.0	6.141	5.238	4.190	4.913	6.213	4.985	5.635	4.804	80- 90	6.524	988.8
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:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

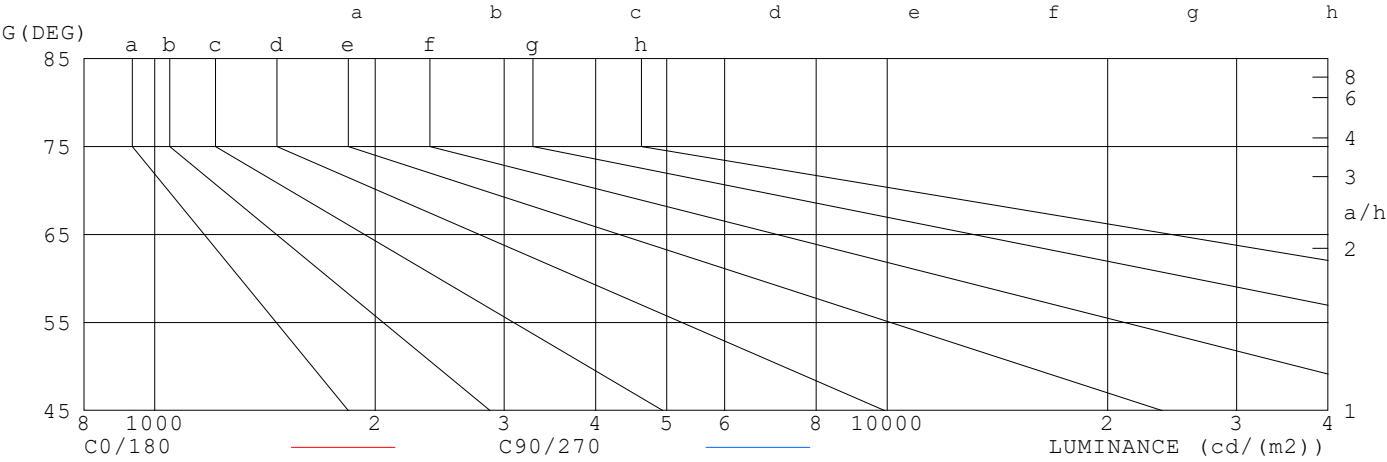
LUMINANCE LIMITATION CURVES

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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	812	497
80	478	300
75	368	232
70	319	196
65	303	183
60	318	188
55	409	254
50	670	489
45	1073	877

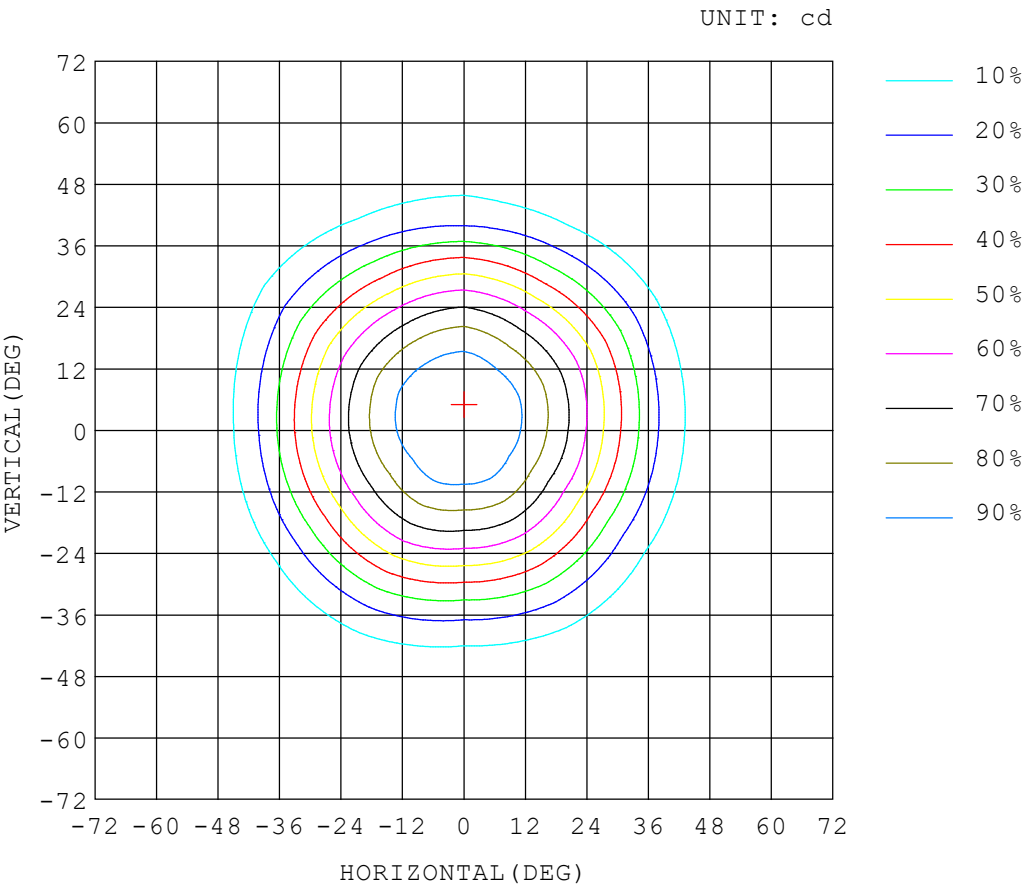
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



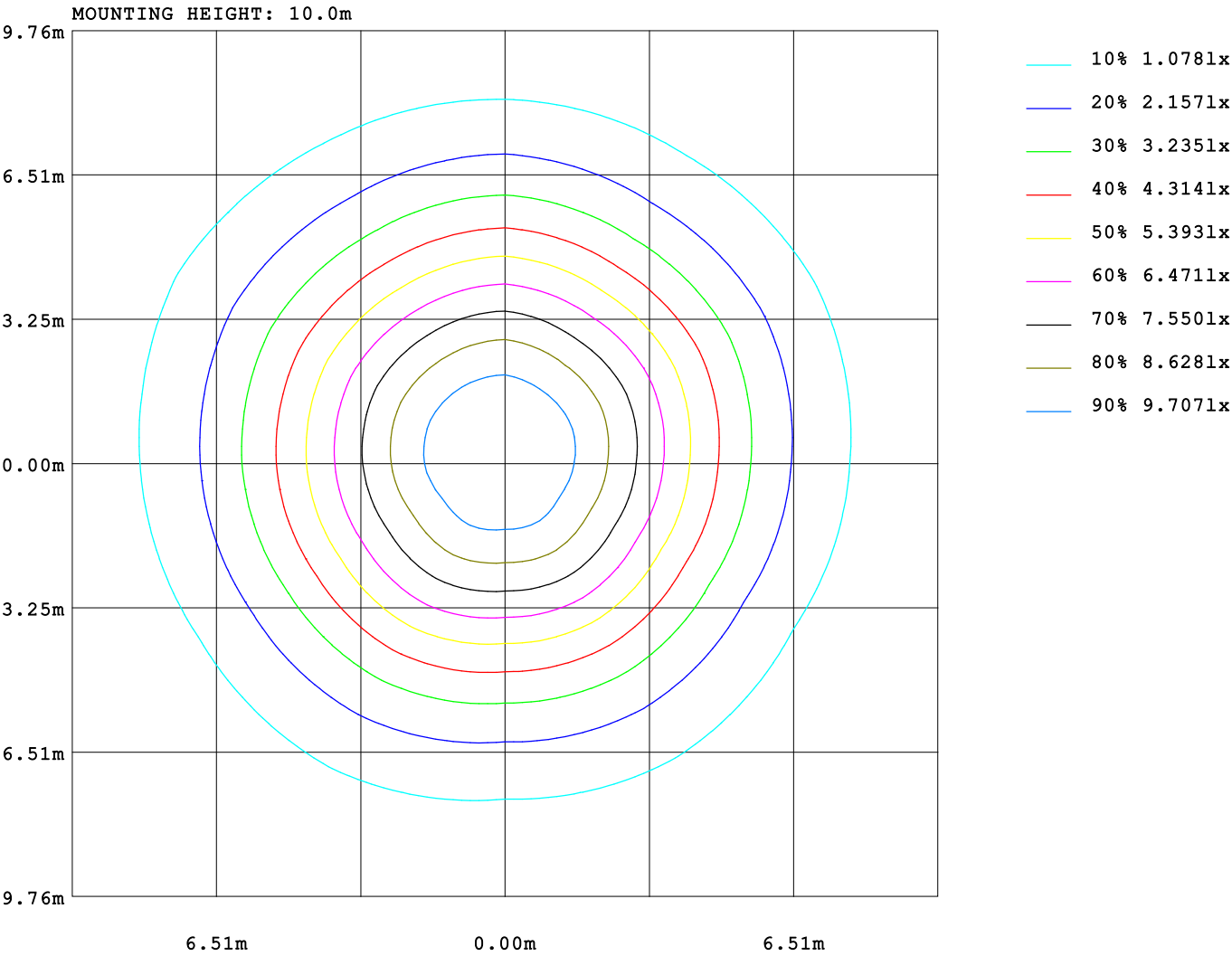
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA

DIMENSION: D-60 H-180 MM

SERIAL No.:

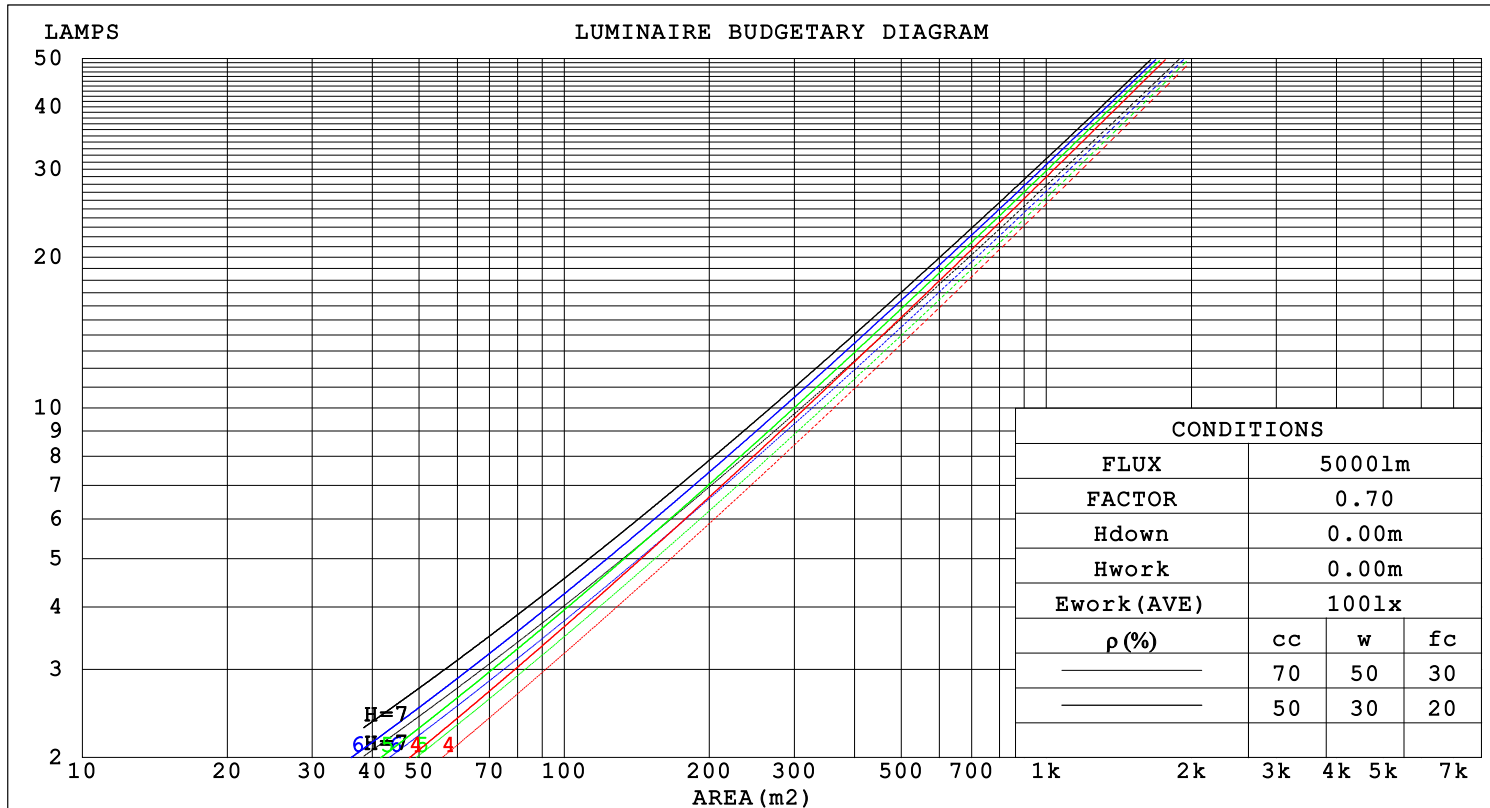
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	0.06	0.08	0.11	0.12	0.13	0.13	0.16	0.20	0.23	0.23	0.19	0.16	0.13	0.12	0.11	0.10	0.08	0.06	2.38	0.00	
64	0.06	0.09	0.12	0.14	0.16	0.18	0.24	0.32	0.38	0.37	0.30	0.22	0.17	0.15	0.14	0.12	0.09	0.06	3.34	0.00	
56	0.06	0.10	0.15	0.20	0.27	0.38	0.56	0.77	0.93	0.90	0.70	0.47	0.31	0.23	0.17	0.14	0.10	0.07	6.51	0.00	
48	0.07	0.11	0.18	0.32	0.56	0.95	1.53	2.24	2.66	2.57	2.01	1.26	0.76	0.43	0.26	0.17	0.11	0.07	16.2	7.23	
40	0.07	0.12	0.24	0.55	1.18	2.40	4.04	5.63	6.65	6.50	5.21	3.46	1.88	0.89	0.42	0.21	0.12	0.07	39.6	34.6	
32	0.07	0.13	0.32	0.89	2.37	4.87	7.69	10.2	11.8	11.6	9.68	6.93	4.05	1.77	0.67	0.27	0.13	0.08	73.6	70.1	
24	0.07	0.14	0.41	1.31	3.80	7.48	11.2	14.5	16.4	16.2	13.8	10.4	6.51	2.96	0.97	0.34	0.15	0.08	107	104	
16	0.07	0.15	0.48	1.72	4.86	9.34	13.9	17.5	19.4	19.2	16.8	13.0	8.26	3.91	1.26	0.40	0.16	0.08	131	128	
8	0.07	0.15	0.51	1.91	5.36	10.1	14.9	18.8	20.7	20.4	18.1	13.9	8.92	4.32	1.40	0.44	0.16	0.09	141	138	
0	0.07	0.15	0.48	1.80	5.13	9.81	14.5	18.2	20.2	20.0	17.5	13.4	8.52	4.09	1.32	0.42	0.16	0.08	136	134	
-8	0.06	0.13	0.40	1.44	4.21	8.35	12.6	16.2	18.1	17.9	15.6	11.5	7.12	3.27	1.06	0.35	0.14	0.08	119	116	
-16	0.06	0.11	0.30	0.97	2.85	6.15	9.84	12.9	14.3	14.1	12.2	8.84	5.05	2.14	0.72	0.27	0.12	0.07	91.2	88.2	
-24	0.06	0.10	0.21	0.58	1.57	3.71	6.40	8.56	9.49	9.28	7.98	5.61	2.98	1.17	0.45	0.19	0.11	0.07	58.5	54.9	
-32	0.05	0.08	0.14	0.32	0.80	1.71	3.14	4.32	4.79	4.65	3.94	2.68	1.38	0.62	0.26	0.14	0.09	0.06	29.2	24.2	
-40	0.05	0.07	0.11	0.19	0.39	0.75	1.17	1.52	1.65	1.59	1.38	1.00	0.62	0.33	0.17	0.11	0.08	0.06	11.2	1.97	
-48	0.05	0.07	0.09	0.14	0.22	0.34	0.47	0.53	0.52	0.51	0.49	0.42	0.31	0.21	0.14	0.09	0.07	0.05	4.72	0.00	
-56	0.04	0.06	0.08	0.12	0.17	0.22	0.24	0.24	0.21	0.21	0.23	0.23	0.21	0.16	0.12	0.09	0.06	0.05	2.76	0.00	
-64	0.04	0.06	0.08	0.11	0.14	0.18	0.18	0.17	0.15	0.15	0.17	0.18	0.17	0.14	0.11	0.08	0.06	0.04	2.18	0.00	
-72	0.04	0.06	0.08	0.11	0.14	0.18	0.18	0.17	0.15	0.15	0.17	0.18	0.17	0.14	0.11	0.08	0.06	0.04	2.18	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	0	8	16	24	32	40	48	56	64	72			
Φ t	1.07	1.91	4.42	12.8	34.2	67.1	103	133	149	147	127	94.0	57.4	26.9	9.77	3.89	2.01	1.23	989		
Φ a	0.00	0.00	0.00	5.45	29.2	62.7	98.8	129	145	143	123	89.7	52.8	21.5	2.28	0.00	0.00	0.00		906	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 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	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92														
2.0	1.02	.97	.94	.00	.96	.93	.97	.93	.90	.94	.91	.89	.91	.89	.87	.85														
3.0	.94	.89	.85	.93	.88	.84	.90	.86	.83	.88	.84	.81	.85	.83	.80	.78														
4.0	.88	.82	.77	.87	.81	.77	.84	.80	.76	.82	.78	.75	.80	.77	.74	.73														
5.0	.82	.76	.71	.81	.75	.71	.79	.74	.70	.77	.73	.69	.76	.72	.69	.67														
6.0	.77	.70	.66	.76	.70	.65	.74	.69	.65	.73	.68	.65	.71	.67	.64	.63														
7.0	.72	.65	.61	.71	.65	.61	.70	.64	.61	.69	.64	.60	.67	.63	.60	.58														
8.0	.67	.61	.57	.67	.61	.57	.66	.60	.57	.65	.60	.56	.64	.59	.56	.55														
9.0	.64	.57	.53	.63	.57	.53	.62	.57	.53	.61	.56	.53	.60	.56	.53	.51														
10.0	.60	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.50	.57	.53	.49	.48														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA								DIMENSION: D-60 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	.195	.111	.035	.188	.107	.034	.176	.101	.032	.164	.095	.030	.153	.089	.029	
2.0	.185	.101	.031	.179	.099	.030	.168	.093	.029	.158	.089	.028	.149	.084	.027	
3.0	.175	.093	.028	.170	.091	.027	.160	.087	.026	.152	.083	.026	.144	.080	.025	
4.0	.165	.086	.025	.161	.084	.025	.153	.081	.024	.146	.078	.024	.139	.075	.023	
5.0	.157	.080	.023	.153	.079	.023	.146	.076	.022	.140	.074	.022	.134	.071	.021	
6.0	.149	.075	.021	.146	.074	.021	.140	.072	.021	.134	.070	.020	.129	.068	.020	
7.0	.142	.070	.020	.139	.069	.020	.134	.068	.019	.129	.066	.019	.124	.064	.019	
8.0	.135	.066	.019	.133	.065	.018	.128	.064	.018	.123	.063	.018	.119	.061	.018	
9.0	.129	.063	.017	.127	.062	.017	.123	.061	.017	.119	.059	.017	.115	.058	.017	
10.0	.124	.059	.016	.122	.059	.016	.118	.058	.016	.114	.057	.016	.111	.056	.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	.143	.147	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.135	.114	.096	.093	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.088	.125	.098	.076	.086	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.136	.099	.071	.117	.086	.062	.080	.060	.043	.046	.035	.026	.015	.011	.008	
5.0	.128	.088	.058	.110	.076	.051	.076	.053	.036	.044	.031	.021	.014	.010	.007	
6.0	.120	.078	.048	.103	.068	.042	.071	.048	.030	.041	.028	.018	.013	.009	.006	
7.0	.114	.071	.041	.098	.062	.036	.068	.043	.025	.039	.025	.015	.013	.008	.005	
8.0	.108	.065	.035	.093	.056	.031	.064	.040	.022	.038	.023	.013	.012	.008	.004	
9.0	.103	.060	.030	.089	.052	.027	.062	.036	.019	.036	.022	.011	.012	.007	.004	
10.0	.098	.055	.027	.085	.048	.023	.059	.034	.017	.034	.020	.010	.011	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 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: OSRAM 250 MA					DIMENSION: D-60 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	7.1	8.1	7.3	8.3	8.5	7.1	8.1	7.3	8.3	8.4	
	3H	7.3	8.2	7.5	8.4	8.6	7.1	8.1	7.4	8.3	8.5
	4H	7.5	8.4	7.8	8.6	8.8	7.2	8.1	7.5	8.4	8.6
	6H	7.8	8.7	8.1	8.9	9.2	7.4	8.2	7.7	8.5	8.7
	8H	8.1	8.9	8.4	9.1	9.4	7.5	8.3	7.8	8.6	8.8
	12H	8.4	9.2	8.8	9.5	9.7	7.7	8.4	8.0	8.7	9.0
4H	2H	7.0	7.8	7.2	8.1	8.3	6.9	7.8	7.2	8.0	8.3
	3H	7.2	8.0	7.5	8.2	8.5	7.2	7.9	7.5	8.2	8.5
	4H	7.5	8.2	7.9	8.5	8.8	7.4	8.1	7.8	8.4	8.7
	6H	8.1	8.7	8.4	9.0	9.3	7.8	8.4	8.2	8.8	9.1
	8H	8.4	9.0	8.8	9.4	9.7	8.0	8.6	8.4	8.9	9.3
	12H	9.0	9.5	9.4	9.9	10.2	8.3	8.8	8.7	9.2	9.6
8H	4H	7.6	8.2	8.0	8.5	8.9	7.5	8.1	7.9	8.5	8.8
	6H	8.2	8.7	8.7	9.1	9.5	8.2	8.6	8.6	9.0	9.4
	8H	8.7	9.2	9.2	9.6	10.0	8.6	9.0	9.0	9.4	9.8
	12H	9.5	9.8	9.9	10.3	10.7	9.1	9.4	9.5	9.9	10.3
12H	4H	7.6	8.1	8.0	8.5	8.9	7.5	8.1	7.9	8.4	8.8
	6H	8.3	8.7	8.8	9.2	9.6	8.2	8.6	8.7	9.1	9.5
	8H	8.9	9.2	9.3	9.7	10.1	8.7	9.1	9.2	9.5	10.0
Variations with the observer position at spacings:											
S = 1.0H	+ 1.9 / - 1.8					+ 1.5 / - 1.9					
1.5H	+ 3.6 / - 2.1					+ 3.0 / - 2.1					
2.0H	+ 2.9 / - 0.7					+ 2.0 / - 0.9					

CIE Pub.117 Corrected 988.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 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) $k(RI) \times RCR = 5$									
$k = 0.60$	83	76	72	83	76	72	82	76	72	68
0.80	91	85	81	91	84	80	89	84	80	76
1.00	96	90	86	96	90	86	94	90	85	81
1.25	101	95	91	100	94	91	98	93	90	85
1.50	104	99	95	103	98	94	100	96	93	88
2.00	107	102	99	106	101	98	103	99	96	91
2.50	109	105	101	107	103	100	104	101	98	92
3.00	111	107	104	109	105	103	105	103	100	94
4.00	113	110	107	111	108	106	107	105	103	96
5.00	114	112	109	112	110	108	108	106	105	97
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

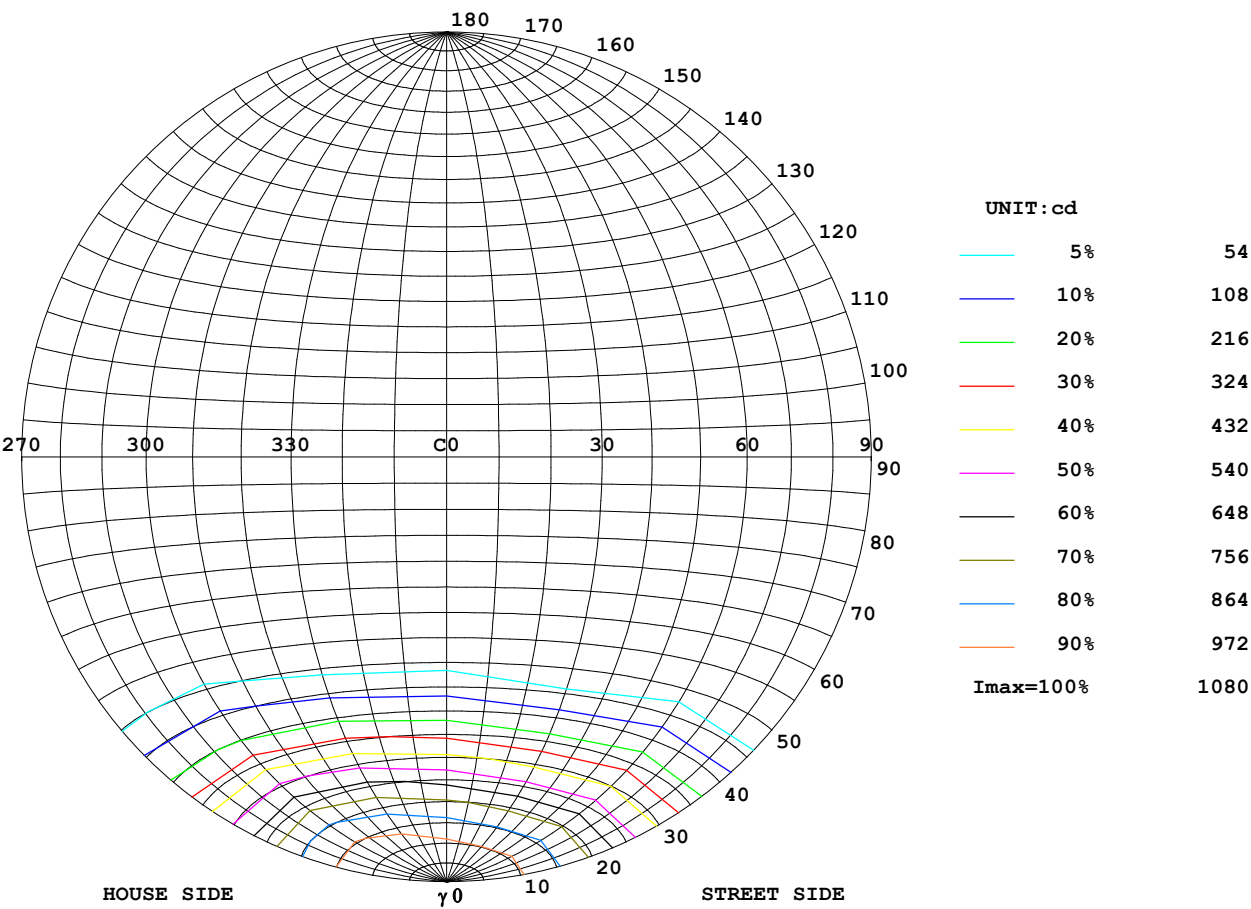
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 09-11-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

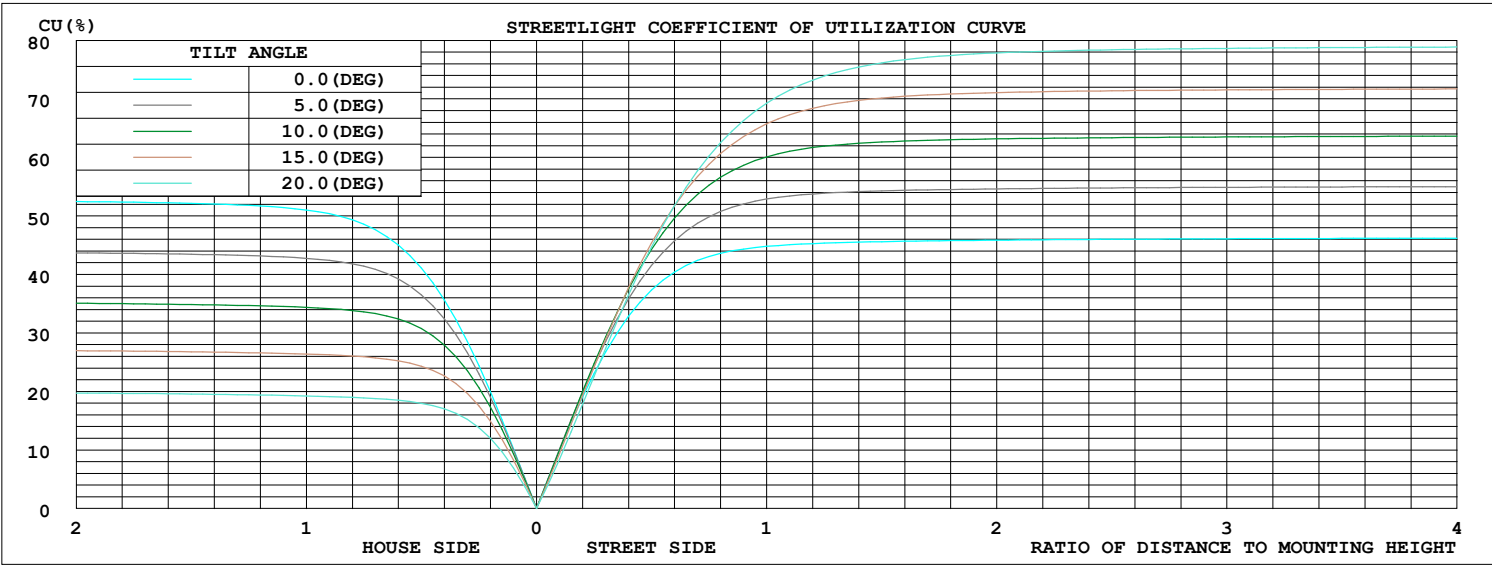
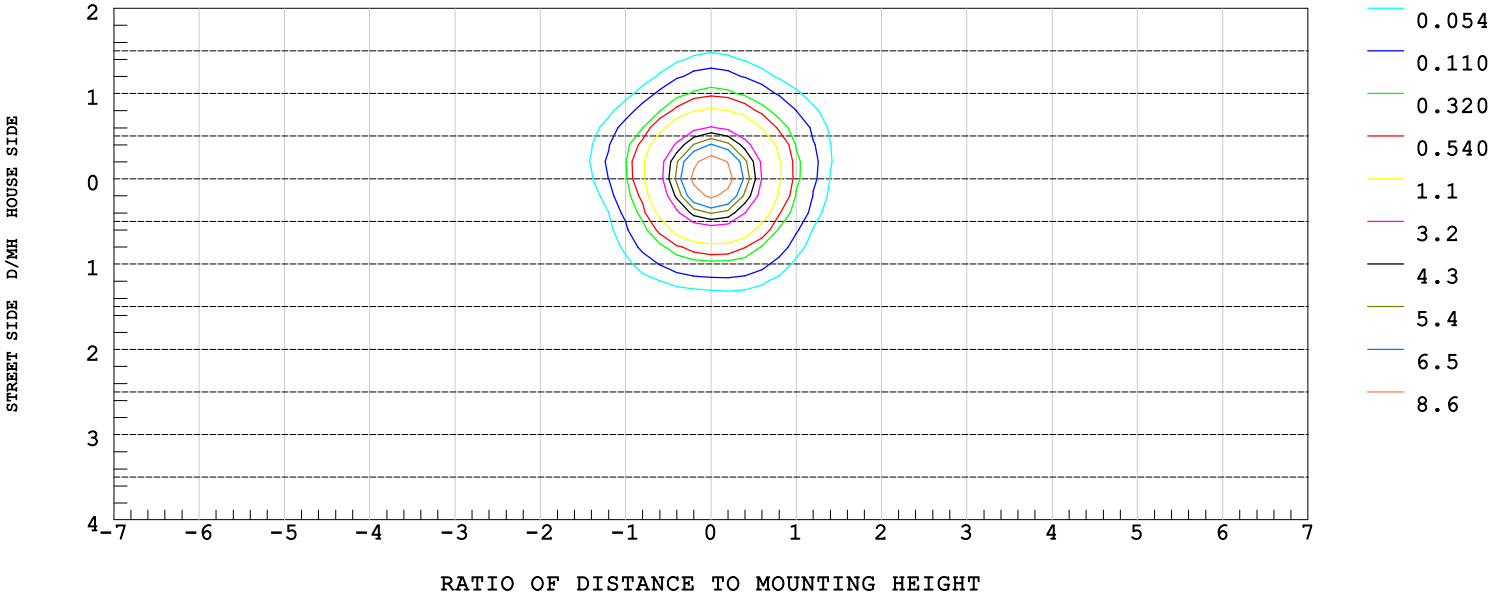
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 10.79 lx



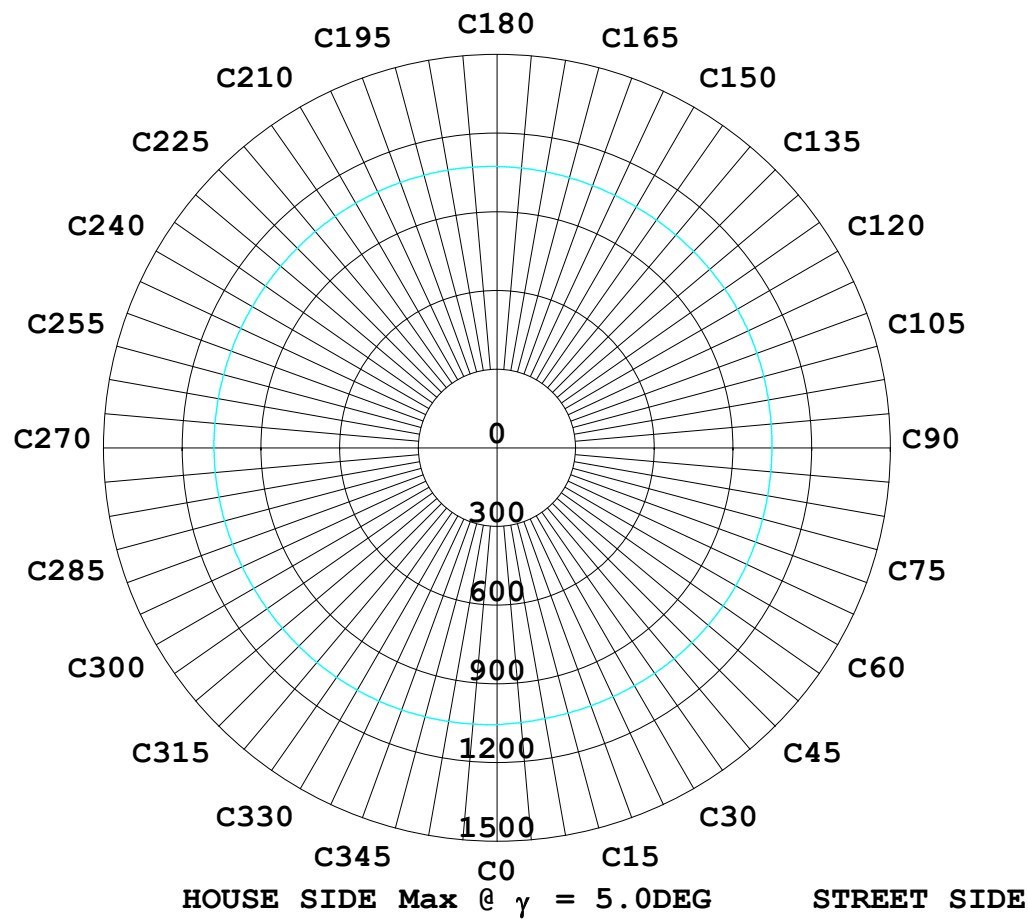
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: OSRAM 250 MA	DIMENSION: D-60 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	1079	1075	1076	1075	1077	1076	1079	1075	1076	1075	1077	1076
5.0	1055	1047	1051	1048	1059	1061	1073	1078	1078	1080	1071	1067
10.0	992	974	986	982	998	998	1024	1043	1046	1047	1026	1013
15.0	894	871	887	878	906	906	940	967	971	980	946	931
20.0	766	734	750	743	782	786	823	857	859	870	826	811
25.0	611	575	593	586	633	641	685	718	711	728	680	667
30.0	450	411	430	420	467	481	530	564	545	557	511	506
35.0	297	256	280	265	315	325	369	405	379	388	344	345
40.0	161	132	151	140	178	179	218	257	227	212	195	199
45.0	75.8	59.3	70.3	61.9	82.9	81.1	106	131	112	117	88.1	93.3
50.0	43.0	30.3	38.5	31.4	45.8	40.0	49.7	64.1	51.0	59.0	42.2	48.3
55.0	23.4	15.2	21.4	14.5	23.4	18.2	24.4	35.1	25.7	32.1	20.3	25.9
60.0	15.8	9.75	14.6	9.39	15.5	10.8	13.7	19.9	13.5	19.2	11.8	16.7
65.0	12.7	8.01	12.0	7.73	12.4	8.09	9.82	13.8	8.95	13.6	8.38	12.7
70.0	10.9	7.08	10.4	6.71	10.5	6.93	8.38	11.4	7.36	11.4	7.08	10.8
75.0	9.53	6.28	9.17	5.99	9.24	6.06	7.65	9.82	6.43	9.82	6.28	9.39
80.0	8.30	5.41	7.87	5.20	8.09	5.49	7.00	8.59	5.78	8.59	5.56	8.23
85.0	7.08	4.69	6.64	4.33	6.71	4.55	6.14	7.22	4.69	7.00	4.47	6.86
90.0	6.14	4.62	5.85	4.19	5.70	4.11	6.21	5.85	4.11	5.63	3.97	5.63

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
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