

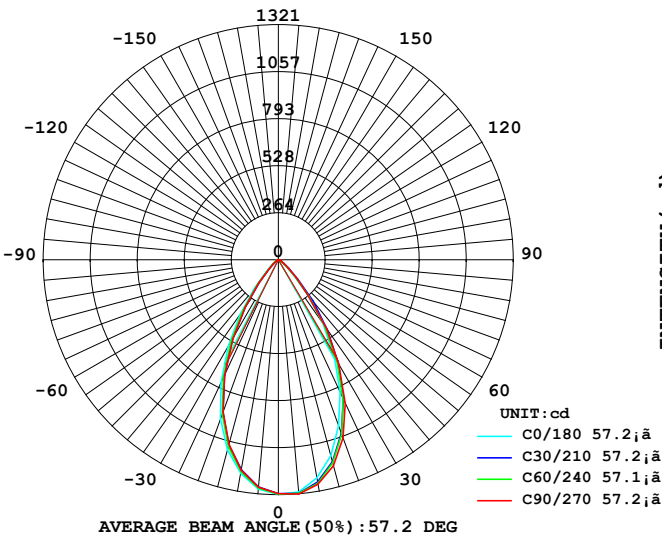
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

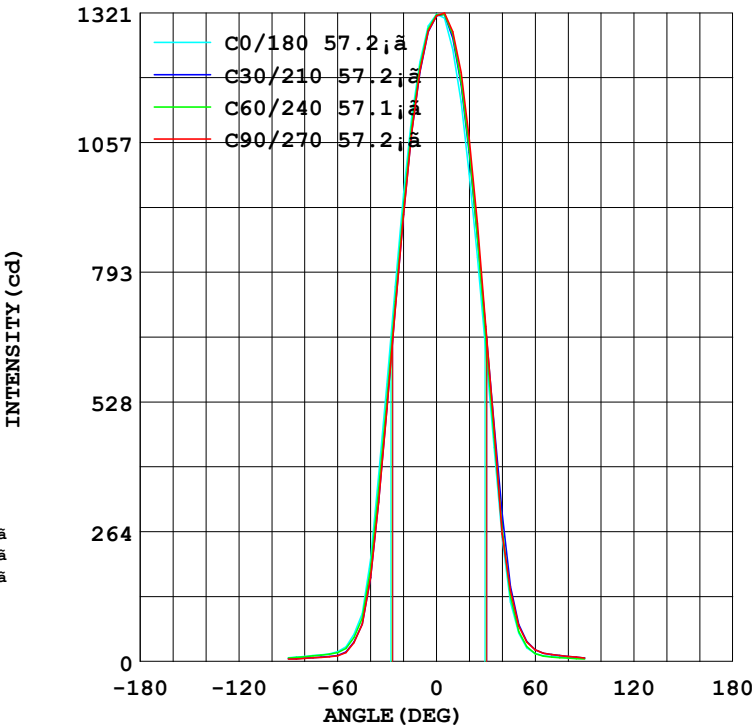
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1321	S/MH (C0/180)	0.85
MODEL	PHONEIX DOWNLIGHTER	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.82
NOMINAL POWER (W)	10	TOTAL FLUX (lm)	1208.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	116.2	Current (A)	0.048
NOMINAL FLUX (lm)	1208.9	η up (%)	0.0	Power (W)	10.40
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.994
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	1107.8	EEI	0.124

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:9.400 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 DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

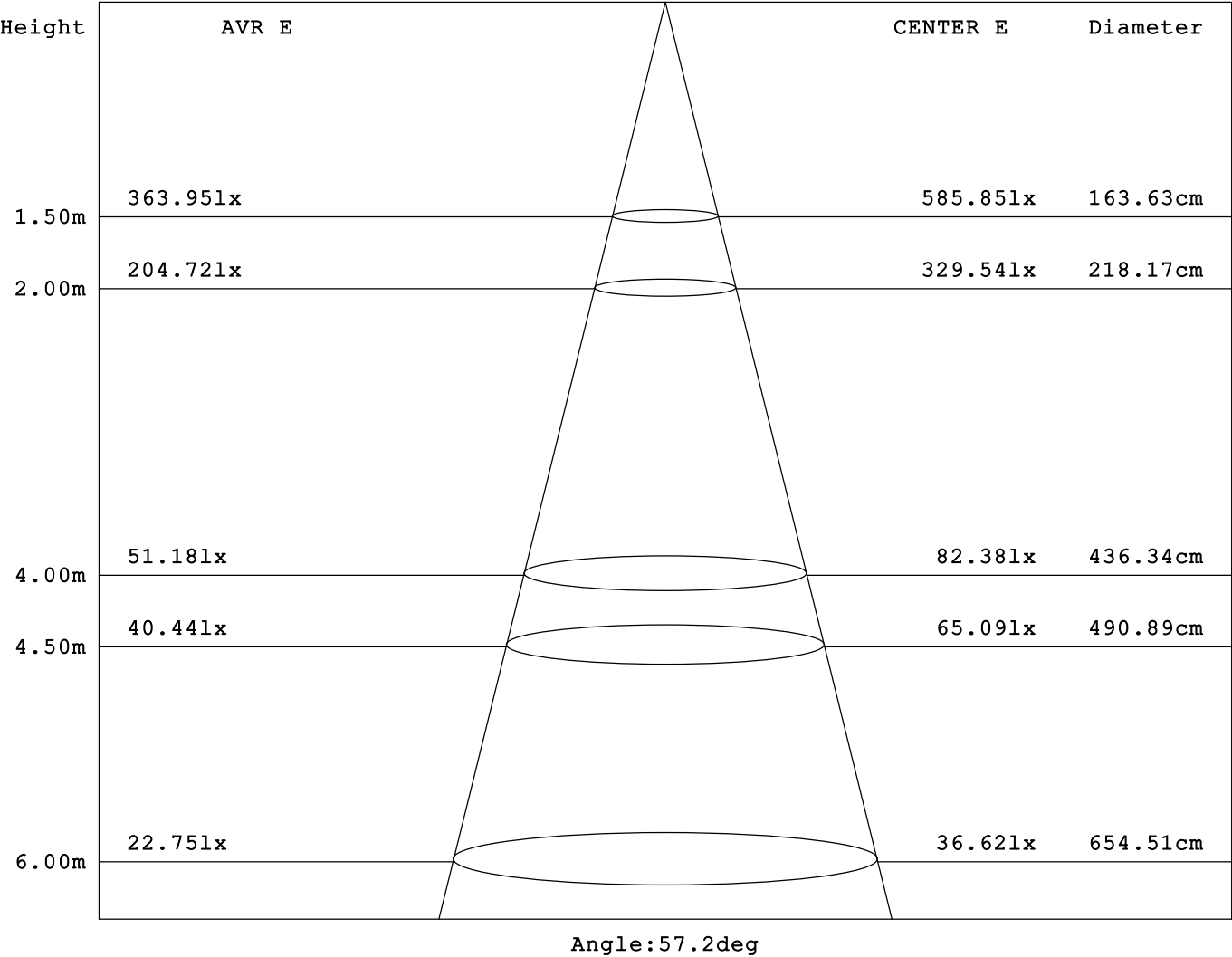
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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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 DOWNLIGHTER	TYPE: 5700K 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:9.400 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K 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	1220	1205	1202	1216	1246	1273	1282	1253	0- 10	122.1	122.1
20.0	952.0	916.9	909.5	949.3	993.0	1040	1066	1012	10- 20	314.2	436.3
30.0	564.9	524.0	513.9	569.4	632.0	667.8	682.2	633.7	20- 30	363.2	799.6
40.0	207.6	179.6	170.7	209.8	253.3	286.6	259.5	249.7	30- 40	253.2	1053
50.0	55.31	43.78	38.17	50.71	57.52	68.03	72.27	57.21	40- 50	95.78	1149
60.0	19.70	15.06	11.39	15.72	16.08	19.88	23.50	17.93	50- 60	28.69	1177
70.0	13.16	10.55	8.040	10.55	9.984	11.31	13.87	11.04	60- 70	13.44	1191
80.0	10.24	8.084	6.273	8.129	8.394	8.659	10.33	8.526	70- 80	10.26	1201
90.0	7.245	6.273	5.036	5.920	7.333	5.920	6.803	5.920	80- 90	7.858	1209
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:9.400 m
 Remarks: 5700K

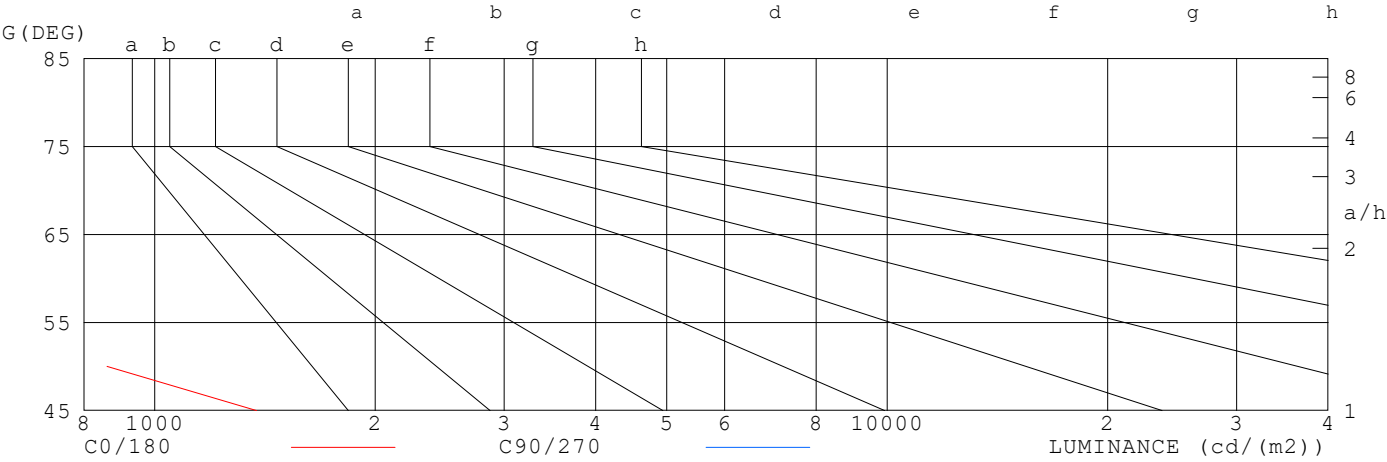
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K 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	983	588
80	590	361
75	454	280
70	385	235
65	370	222
60	394	228
55	516	311
50	861	594
45	1377	1070

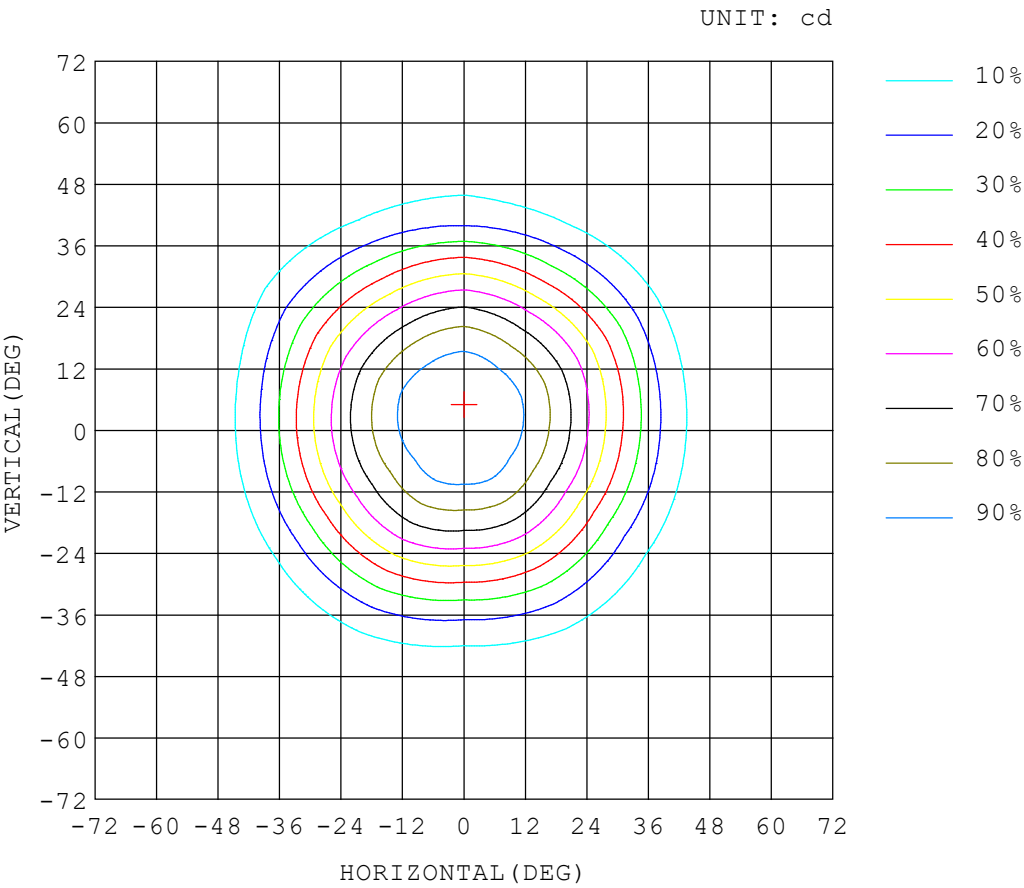
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



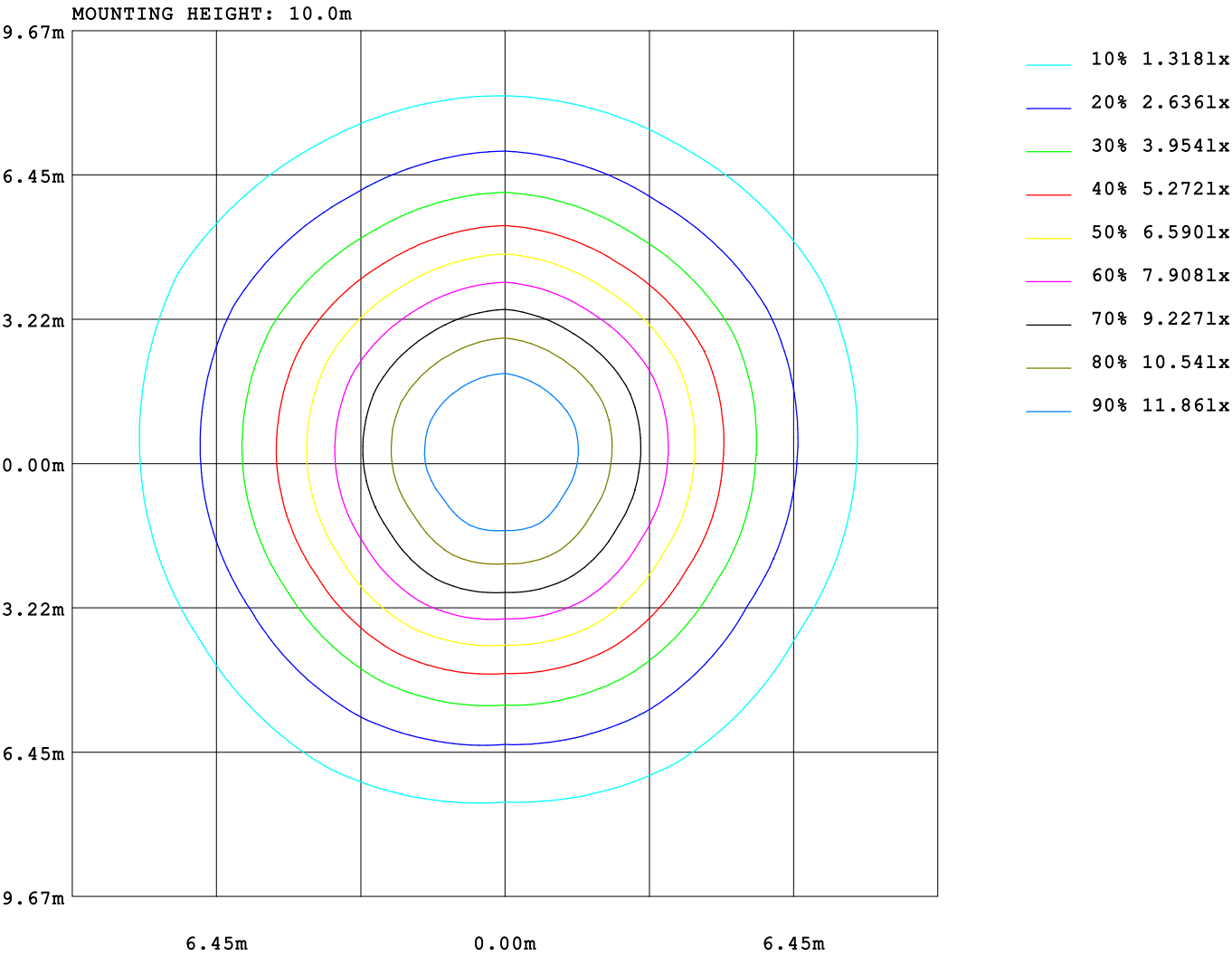
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K 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:9.400 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: PHONEIX DOWNLIGHTER										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM 250 MA										DIMENSION: D-60 H-180 MM					SERIAL No.:				

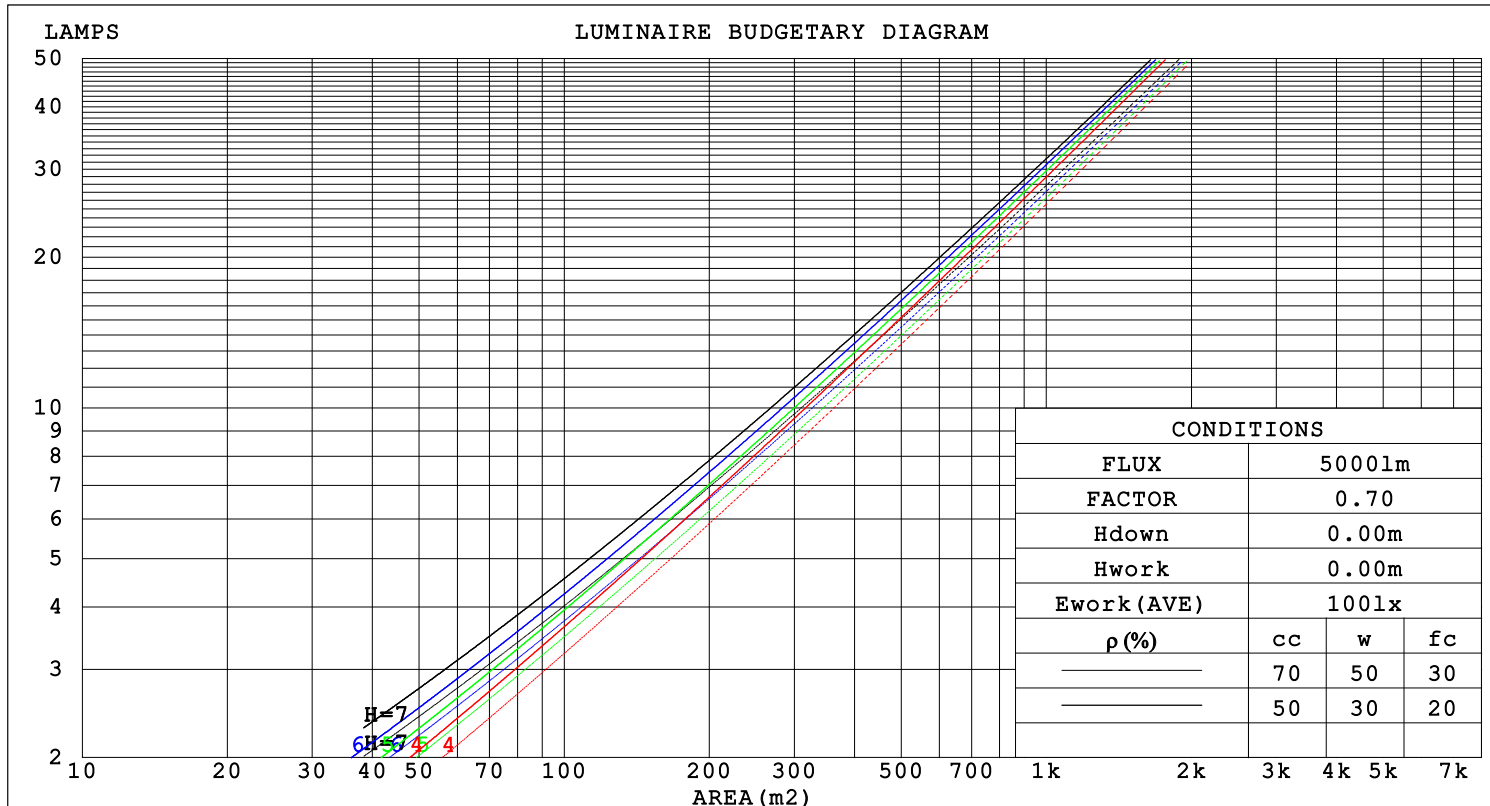
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.07	0.10	0.13	0.14	0.15	0.16	0.20	0.24	0.28	0.28	0.24	0.19	0.15	0.15	0.14	0.12	0.10	0.07	2.89	0.00		
64	0.07	0.11	0.15	0.17	0.19	0.22	0.29	0.39	0.46	0.46	0.37	0.28	0.21	0.19	0.17	0.14	0.11	0.08	4.06	0.00		
56	0.08	0.12	0.18	0.23	0.32	0.45	0.67	0.93	1.13	1.10	0.87	0.59	0.39	0.29	0.22	0.17	0.12	0.08	7.94	0.00		
48	0.08	0.13	0.22	0.37	0.66	1.12	1.83	2.70	3.25	3.17	2.50	1.59	0.96	0.55	0.32	0.21	0.14	0.09	19.9	8.77		
40	0.08	0.14	0.28	0.64	1.38	2.83	4.83	6.81	8.13	8.01	6.47	4.35	2.39	1.13	0.53	0.26	0.15	0.09	48.5	42.3		
32	0.08	0.15	0.37	1.04	2.77	5.78	9.25	12.3	14.4	14.3	11.9	8.66	5.12	2.27	0.86	0.34	0.17	0.10	90.1	85.8		
24	0.08	0.17	0.48	1.52	4.46	8.94	13.6	17.6	20.0	19.9	17.1	13.0	8.18	3.78	1.24	0.43	0.18	0.10	131	127		
VERTICAL (DEG)	0.08	0.18	0.55	1.99	5.74	11.1	16.8	21.3	23.7	23.6	20.8	16.1	10.3	4.98	1.63	0.51	0.20	0.10	160	157		
	0.08	0.18	0.59	2.21	6.33	12.1	18.0	22.8	25.3	25.1	22.3	17.3	11.1	5.50	1.81	0.56	0.21	0.10	172	169		
	0.08	0.17	0.56	2.08	6.06	11.7	17.5	22.1	24.7	24.5	21.6	16.7	10.6	5.20	1.70	0.53	0.20	0.10	166	163		
	0.08	0.15	0.47	1.66	4.95	9.97	15.2	19.7	22.1	22.0	19.2	14.4	8.94	4.17	1.36	0.45	0.18	0.10	145	142		
	0.07	0.13	0.35	1.11	3.33	7.31	11.8	15.7	17.5	17.3	15.1	11.0	6.37	2.74	0.93	0.34	0.15	0.09	112	108		
-24	0.07	0.11	0.24	0.68	1.82	4.39	7.67	10.3	11.5	11.4	9.88	7.00	3.77	1.50	0.58	0.24	0.13	0.08	71.5	67.1		
-32	0.06	0.10	0.17	0.38	0.93	2.02	3.73	5.19	5.82	5.71	4.88	3.35	1.74	0.79	0.33	0.17	0.11	0.08	35.6	29.5		
-40	0.06	0.09	0.13	0.23	0.46	0.89	1.40	1.83	2.00	1.96	1.71	1.25	0.79	0.42	0.21	0.13	0.10	0.07	13.7	2.43		
-48	0.06	0.08	0.11	0.17	0.27	0.41	0.56	0.63	0.64	0.62	0.60	0.52	0.39	0.26	0.17	0.11	0.09	0.06	5.74	0.00		
-56	0.05	0.07	0.10	0.15	0.20	0.27	0.29	0.28	0.26	0.26	0.28	0.28	0.26	0.20	0.15	0.10	0.08	0.06	3.34	0.00		
-64	0.05	0.07	0.09	0.13	0.17	0.21	0.21	0.20	0.18	0.18	0.20	0.21	0.21	0.17	0.13	0.10	0.07	0.05	2.64	0.00		
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	1.27	2.26	5.16	14.9	40.2	80.1	124	161	182	180	157	117	72.1	34.3	12.4	4.91	2.48	1.50	1209			
Φ a	0.00	0.00	0.00	5.77	34.0	74.6	119	156	177	175	152	112	66.5	27.7	3.19	0.00	0.00	0.00		1108		

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:9.400 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	1.07	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	.91	.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	.70	.76	.72	.69	.67														
6.0	.77	.70	.66	.76	.70	.66	.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	.50	.48														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: PHONEIX DOWNLIGHTER								TYPE: 5700K 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	.175	.101	.032	.164	.094	.030	.153	.089	.029	
2.0	.184	.101	.031	.179	.098	.030	.168	.093	.029	.158	.089	.028	.149	.084	.027	
3.0	.174	.093	.028	.169	.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	.128	.068	.020	
7.0	.142	.070	.020	.139	.069	.020	.134	.068	.019	.128	.066	.019	.124	.064	.019	
8.0	.135	.066	.019	.133	.065	.018	.128	.064	.018	.123	.062	.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	.037	.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:9.400 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: PHONEIX DOWNLIGHTER					TYPE: 5700K 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		8.1	9.1	8.3	9.3	9.4	7.9	8.9	8.1	9.0	9.2
	3H	8.2	9.1	8.5	9.3	9.5	7.9	8.8	8.2	9.1	9.3
	4H	8.4	9.3	8.7	9.5	9.7	8.0	8.9	8.3	9.1	9.3
	6H	8.7	9.6	9.0	9.8	10.1	8.2	9.0	8.5	9.2	9.5
	8H	9.0	9.8	9.3	10.0	10.3	8.3	9.1	8.6	9.3	9.6
	12H	9.3	10.1	9.6	10.3	10.6	8.4	9.2	8.7	9.5	9.7
4H	2H	7.9	8.8	8.2	9.0	9.3	7.7	8.6	8.0	8.8	9.0
	3H	8.1	8.9	8.5	9.2	9.4	7.9	8.7	8.3	9.0	9.3
	4H	8.4	9.1	8.8	9.4	9.7	8.2	8.9	8.6	9.2	9.5
	6H	8.9	9.5	9.3	9.9	10.2	8.6	9.2	8.9	9.5	9.9
	8H	9.3	9.9	9.7	10.2	10.6	8.8	9.3	9.2	9.7	10.0
	12H	9.8	10.3	10.2	10.7	11.1	9.0	9.6	9.5	9.9	10.3
8H	4H	8.5	9.0	8.9	9.4	9.8	8.3	8.9	8.7	9.2	9.6
	6H	9.1	9.6	9.5	10.0	10.4	8.9	9.4	9.3	9.8	10.2
	8H	9.6	10.0	10.0	10.4	10.8	9.3	9.7	9.7	10.1	10.6
	12H	10.3	10.6	10.7	11.1	11.5	9.8	10.1	10.2	10.6	11.0
12H	4H	8.5	9.0	8.9	9.4	9.8	8.3	8.8	8.7	9.2	9.6
	6H	9.2	9.6	9.6	10.0	10.5	9.0	9.4	9.4	9.8	10.2
	8H	9.7	10.1	10.2	10.5	11.0	9.5	9.8	9.9	10.3	10.7
Variations with the observer position at spacings:											
S = 1.0H		+ 2.0 / - 1.9					+ 1.5 / - 2.0				
1.5H		+ 3.7 / - 2.3					+ 3.0 / - 2.1				
2.0H		+ 3.0 / - 0.8					+ 2.0 / - 0.9				

CIE Pub.117 Corrected 1209 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.7)

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:9.400 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K 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	81	89	84	80	76
1.00	96	90	86	96	90	86	94	90	85	81
1.25	101	95	91	100	95	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	97	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		

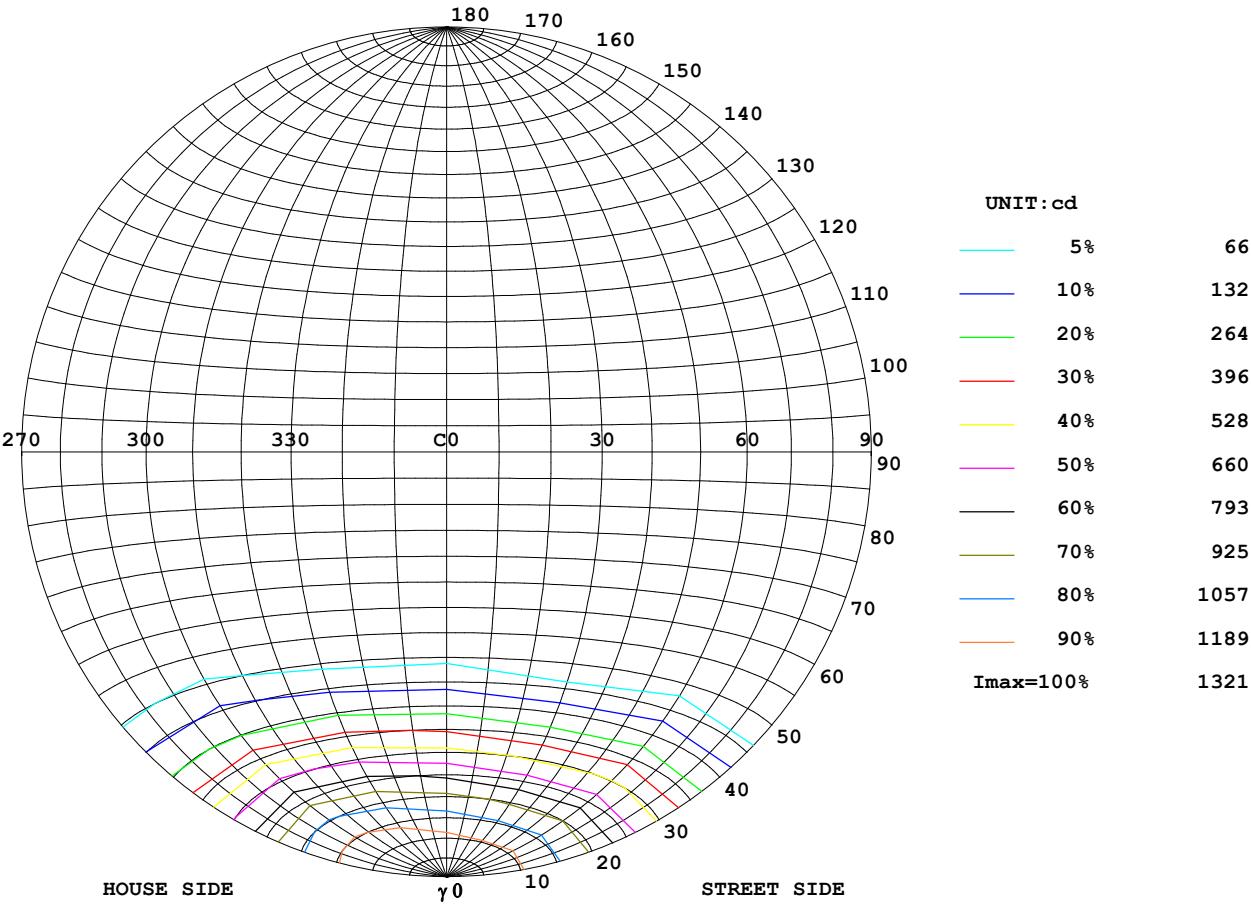
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.400 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K 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

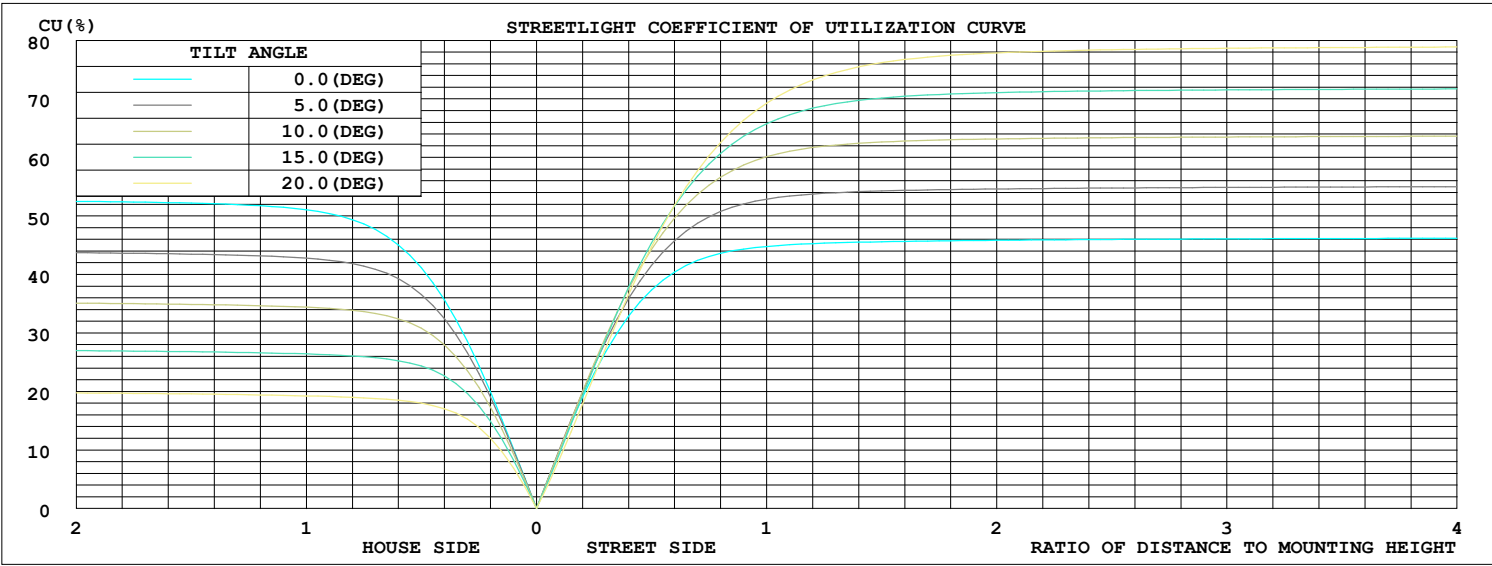
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 13.18 lx



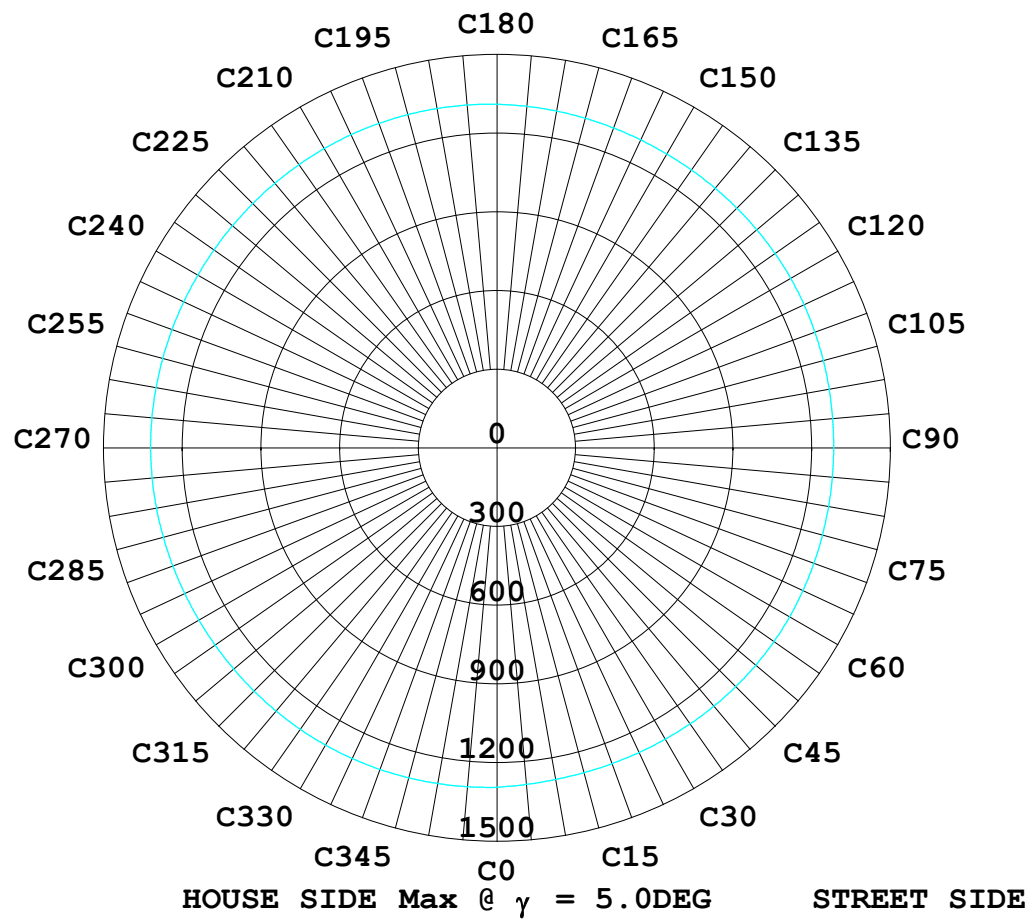
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.400 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 5700K 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:9.400 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 DOWNLIGHTER	TYPE: 5700K 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	1318	1315	1317	1315	1318	1316	1318	1315	1317	1315	1318	1316
5.0	1294	1282	1288	1283	1293	1294	1310	1318	1317	1321	1313	1308
10.0	1220	1199	1210	1202	1217	1216	1246	1269	1276	1282	1260	1246
15.0	1106	1076	1089	1074	1104	1100	1139	1175	1181	1199	1165	1149
20.0	952	910	924	910	949	950	993	1037	1044	1066	1019	1005
25.0	763	718	733	716	766	772	823	865	863	891	840	829
30.0	565	516	533	514	564	575	632	676	659	682	634	633
35.0	378	325	349	324	378	384	436	482	457	475	428	435
40.0	208	171	189	171	211	209	253	302	271	260	245	255
45.0	97.3	75.7	88.0	75.6	98.4	93.2	121	153	132	144	112	121
50.0	55.3	39.2	48.3	38.1	54.6	46.8	57.5	75.2	60.7	72.2	53.0	61.4
55.0	29.6	19.0	26.5	17.8	27.9	21.2	28.0	40.6	30.4	39.2	25.6	32.9
60.0	19.7	12.0	18.1	11.3	18.6	12.8	16.0	23.5	16.1	23.5	14.7	21.1
65.0	15.6	9.80	14.7	9.36	14.9	9.71	11.5	16.5	10.6	16.7	10.3	15.8
70.0	13.1	8.48	12.6	8.04	12.8	8.30	9.98	13.6	8.92	13.8	8.65	13.4
75.0	11.7	7.59	11.1	7.24	11.2	7.33	9.01	11.7	7.77	11.9	7.68	11.5
80.0	10.2	6.53	9.63	6.27	9.71	6.53	8.39	10.4	6.89	10.3	6.89	10.1
85.0	8.57	5.65	8.12	5.12	8.12	5.38	7.15	8.57	5.56	8.48	5.47	8.39
90.0	7.24	5.47	7.06	5.03	6.89	4.94	7.33	6.89	4.94	6.80	4.85	6.98

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:9.400 m
Remarks: 5700K