

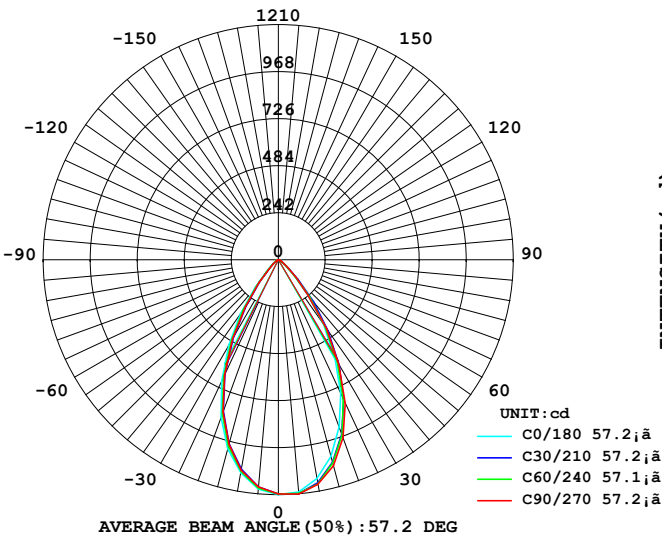
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

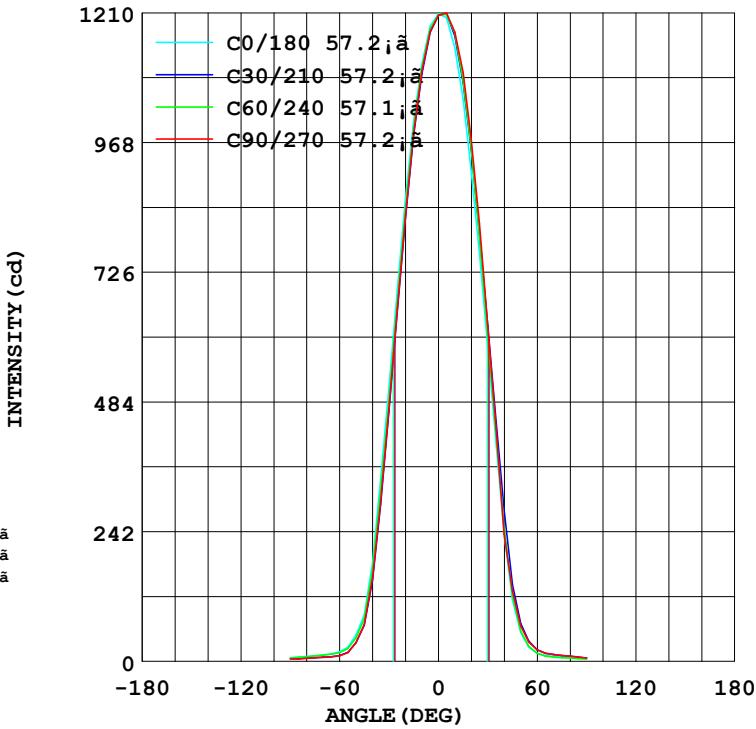
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: PHONEIX DOWNLIGHTER	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	1210	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)	1108.1	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	103.8	Current (A)	0.052
NOMINAL FLUX (lm)	1108.1	η up (%)	0.0	Power (W)	10.68
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.994
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	1015.4	EEI	0.137

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

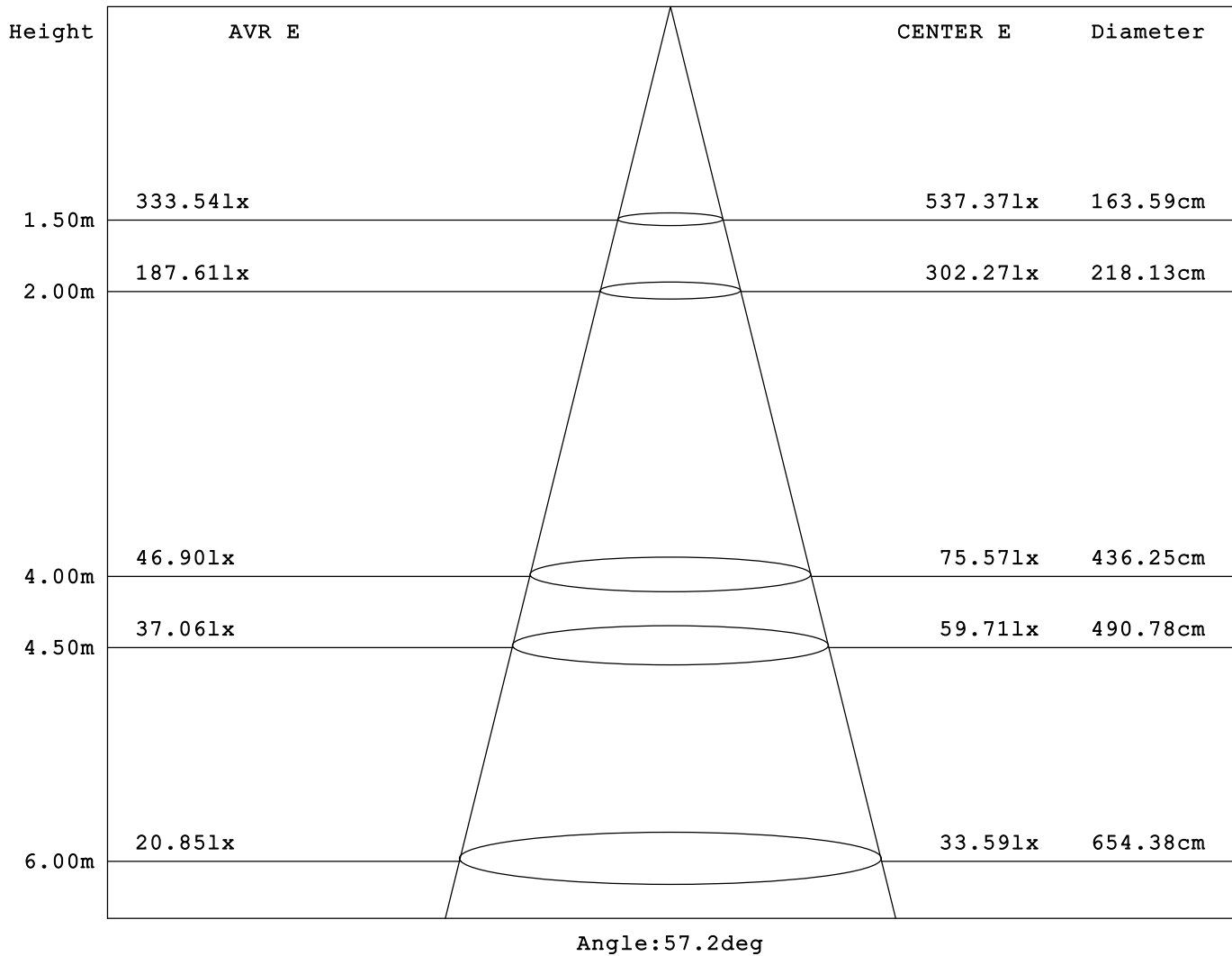
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: 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:9.000 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: 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	1115	1102	1101	1116	1145	1170	1174	1146	0- 10	111.9	111.9
20.0	865.5	836.2	833.1	874.5	916.3	957.7	975.4	922.3	10- 20	287.9	399.8
30.0	510.7	475.7	471.3	526.9	586.1	616.8	624.6	575.1	20- 30	332.8	732.7
40.0	185.0	161.5	156.7	196.1	237.9	266.9	237.6	224.8	30- 40	232.0	964.8
50.0	49.49	39.32	35.07	47.30	54.10	63.42	66.17	51.63	40- 50	87.96	1053
60.0	17.98	13.77	10.44	14.58	14.98	18.46	21.54	16.15	50- 60	26.36	1079
70.0	12.23	9.639	7.452	9.760	9.234	10.40	12.71	10.04	60- 70	12.33	1091
80.0	9.315	7.371	5.751	7.573	7.695	7.978	9.558	7.695	70- 80	9.420	1101
90.0	6.804	5.751	4.617	5.467	6.804	5.467	6.318	5.305	80- 90	7.217	1108
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

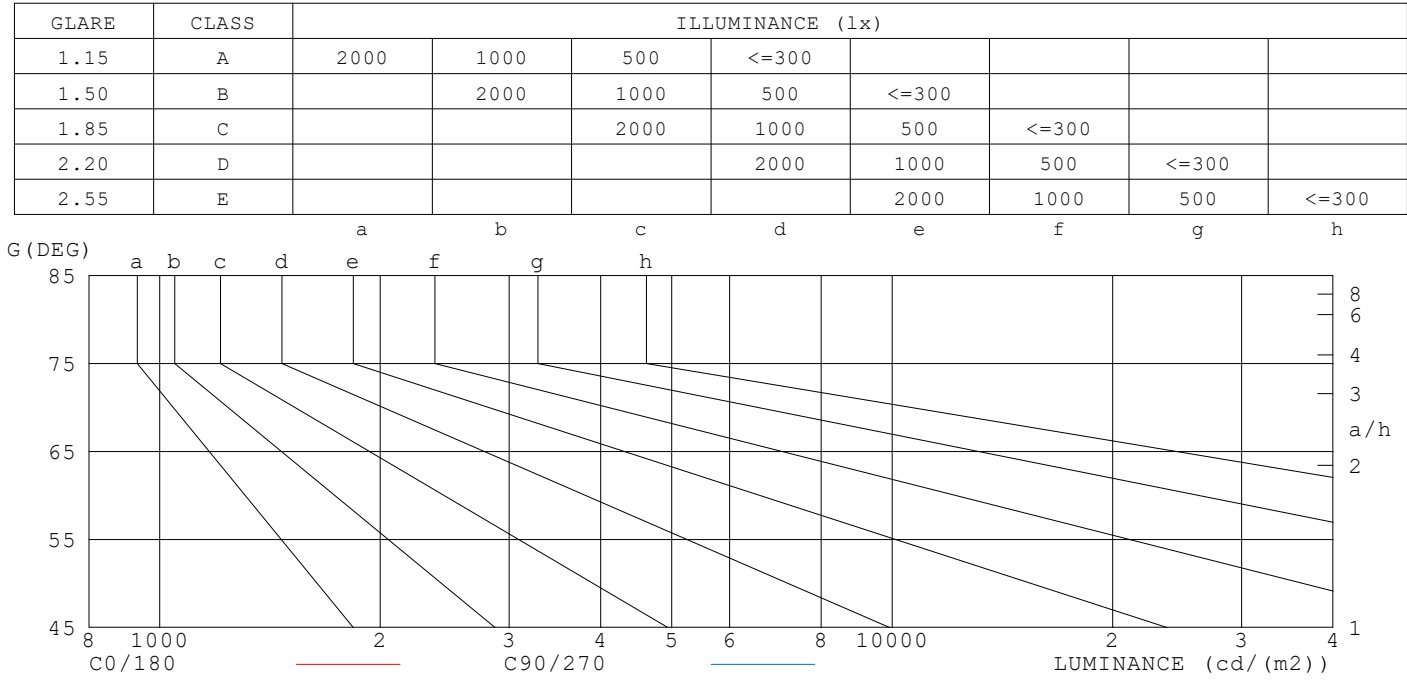
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

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

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	901	539
80	536	331
75	413	257
70	358	218
65	337	203
60	360	209
55	465	285
50	770	546
45	1230	979

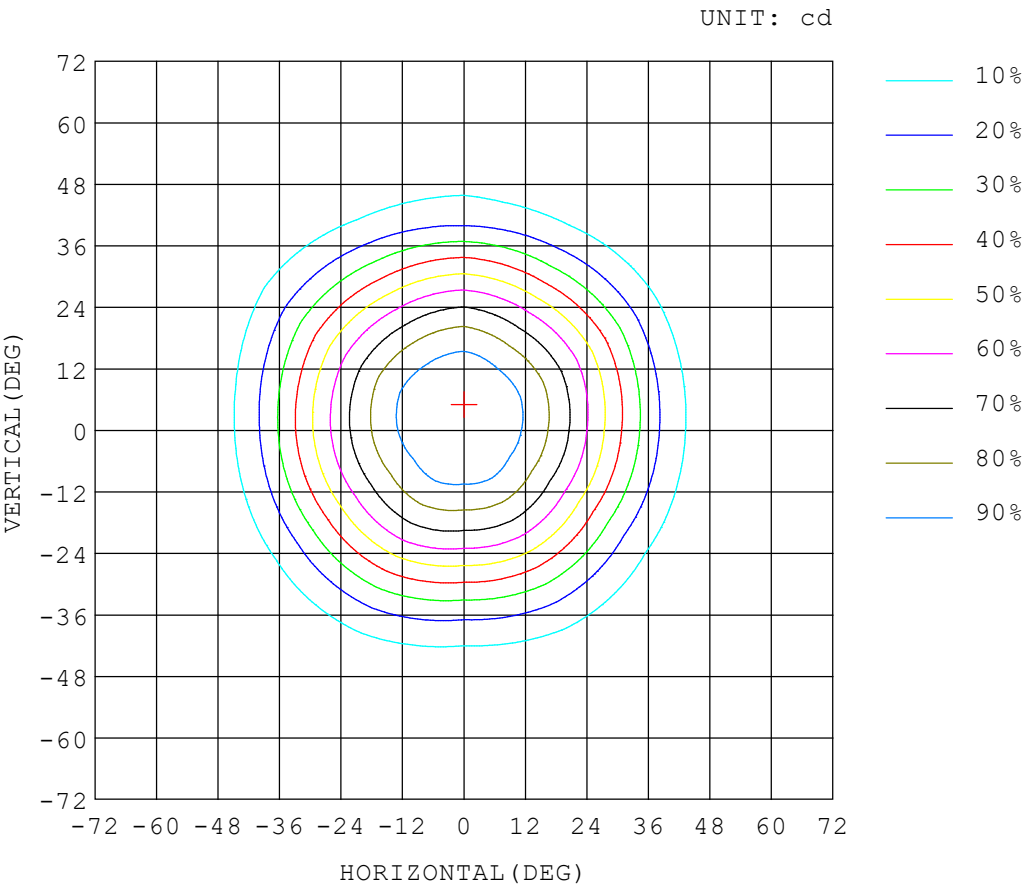
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



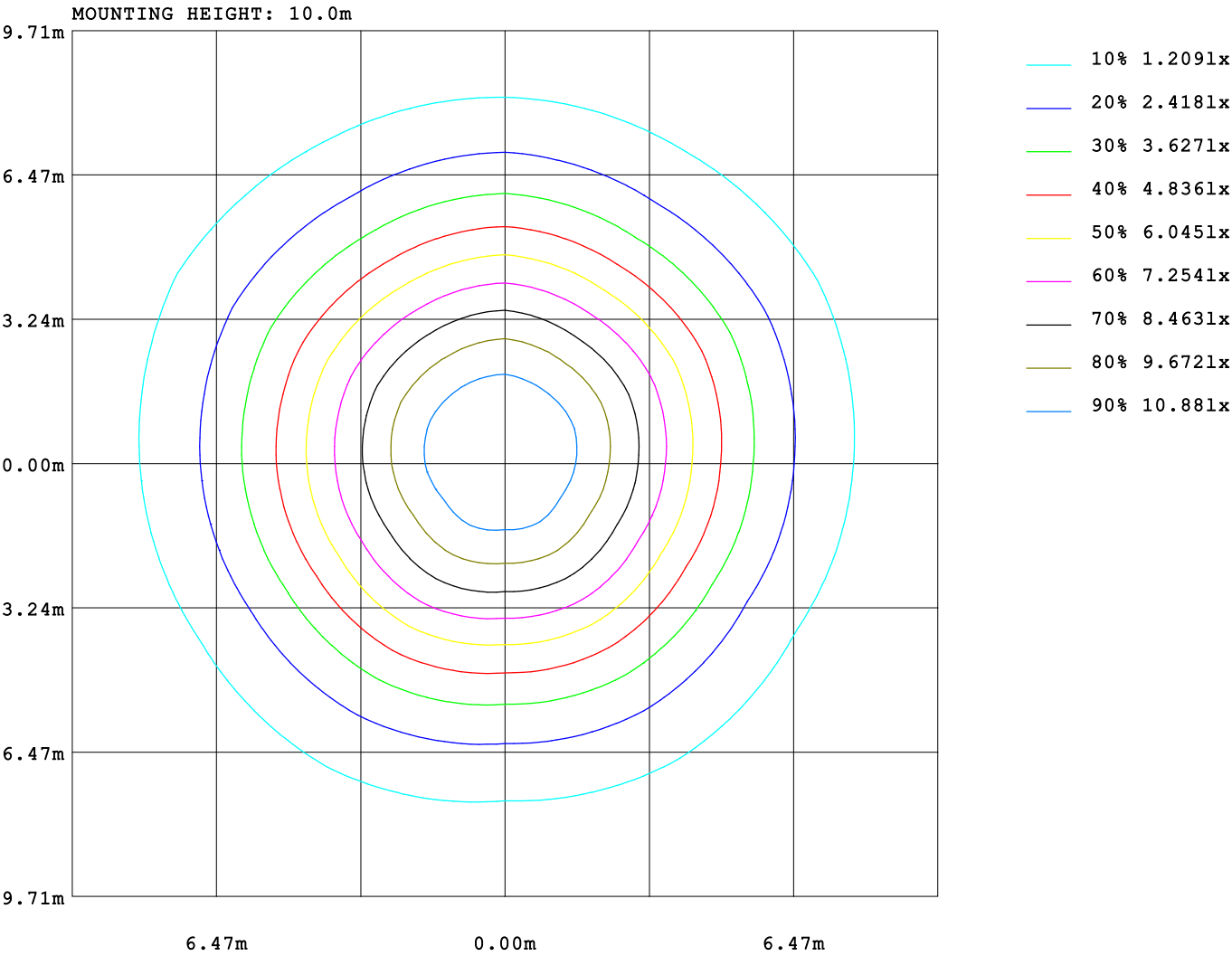
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: 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:9.000 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: 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	0.09	0.12	0.13	0.14	0.14	0.18	0.22	0.25	0.25	0.22	0.18	0.14	0.13	0.13	0.11	0.09	0.06	2.65	0.00	
64	0.07	0.10	0.14	0.16	0.18	0.20	0.27	0.36	0.43	0.42	0.34	0.25	0.19	0.17	0.15	0.13	0.10	0.07	3.73	0.00	
56	0.07	0.11	0.16	0.22	0.30	0.42	0.62	0.86	1.03	1.01	0.79	0.54	0.35	0.26	0.20	0.15	0.11	0.07	7.29	0.00	
48	0.07	0.12	0.20	0.35	0.61	1.05	1.70	2.49	2.98	2.89	2.27	1.44	0.86	0.49	0.29	0.19	0.12	0.08	18.2	8.07	
40	0.07	0.13	0.26	0.60	1.29	2.64	4.48	6.28	7.45	7.31	5.88	3.93	2.15	1.02	0.48	0.24	0.14	0.08	44.4	38.9	
32	0.08	0.14	0.35	0.98	2.60	5.38	8.55	11.4	13.2	13.1	10.9	7.85	4.61	2.03	0.77	0.30	0.15	0.09	82.5	78.7	
24	0.08	0.16	0.45	1.43	4.17	8.29	12.5	16.1	18.4	18.2	15.6	11.8	7.39	3.39	1.11	0.39	0.17	0.09	120	117	
16	0.08	0.17	0.52	1.88	5.35	10.3	15.5	19.6	21.8	21.5	19.0	14.7	9.37	4.47	1.45	0.46	0.18	0.09	147	144	
8	0.07	0.17	0.55	2.08	5.90	11.2	16.6	21.0	23.2	22.9	20.4	15.7	10.1	4.94	1.61	0.50	0.19	0.10	158	155	
0	0.07	0.16	0.52	1.96	5.65	10.8	16.1	20.3	22.6	22.4	19.7	15.2	9.67	4.67	1.52	0.48	0.18	0.09	153	150	
-8	0.07	0.14	0.44	1.56	4.62	9.25	14.1	18.1	20.3	20.1	17.5	13.1	8.09	3.74	1.22	0.40	0.16	0.09	133	130	
-16	0.07	0.12	0.33	1.05	3.12	6.80	10.9	14.4	16.0	15.8	13.8	10.0	5.75	2.45	0.83	0.31	0.14	0.08	102	98.8	
-24	0.06	0.11	0.23	0.63	1.71	4.09	7.10	9.55	10.6	10.4	9.00	6.35	3.40	1.34	0.51	0.21	0.12	0.08	65.6	61.5	
-32	0.06	0.09	0.16	0.35	0.87	1.88	3.47	4.80	5.35	5.22	4.44	3.04	1.57	0.71	0.30	0.15	0.10	0.07	32.6	27.1	
-40	0.06	0.08	0.12	0.21	0.43	0.83	1.30	1.69	1.84	1.79	1.55	1.14	0.71	0.38	0.19	0.12	0.09	0.06	12.6	2.20	
-48	0.05	0.07	0.10	0.16	0.25	0.38	0.51	0.58	0.59	0.57	0.55	0.47	0.35	0.23	0.15	0.10	0.08	0.06	5.26	0.00	
-56	0.05	0.07	0.09	0.14	0.19	0.25	0.27	0.26	0.24	0.24	0.26	0.26	0.24	0.18	0.13	0.10	0.07	0.05	3.07	0.00	
-64	0.04	0.06	0.09	0.12	0.16	0.20	0.20	0.19	0.17	0.17	0.18	0.19	0.19	0.16	0.12	0.09	0.06	0.05	2.43	0.00	
-72																					
	-72	-64	-56	-48	-40	-32	-24	-16	-8	0	8	16	24	32	40	48	56	64	72		
Φ t	1.18	2.10	4.83	14.0	37.6	74.3	115	149	167	165	143	106	65.1	30.8	11.1	4.42	2.25	1.37	1108		
Φ a	0.00	0.00	0.00	5.73	32.0	69.3	110	144	162	160	138	102	60.0	24.7	2.68	0.00	0.00	0.00		1015	

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

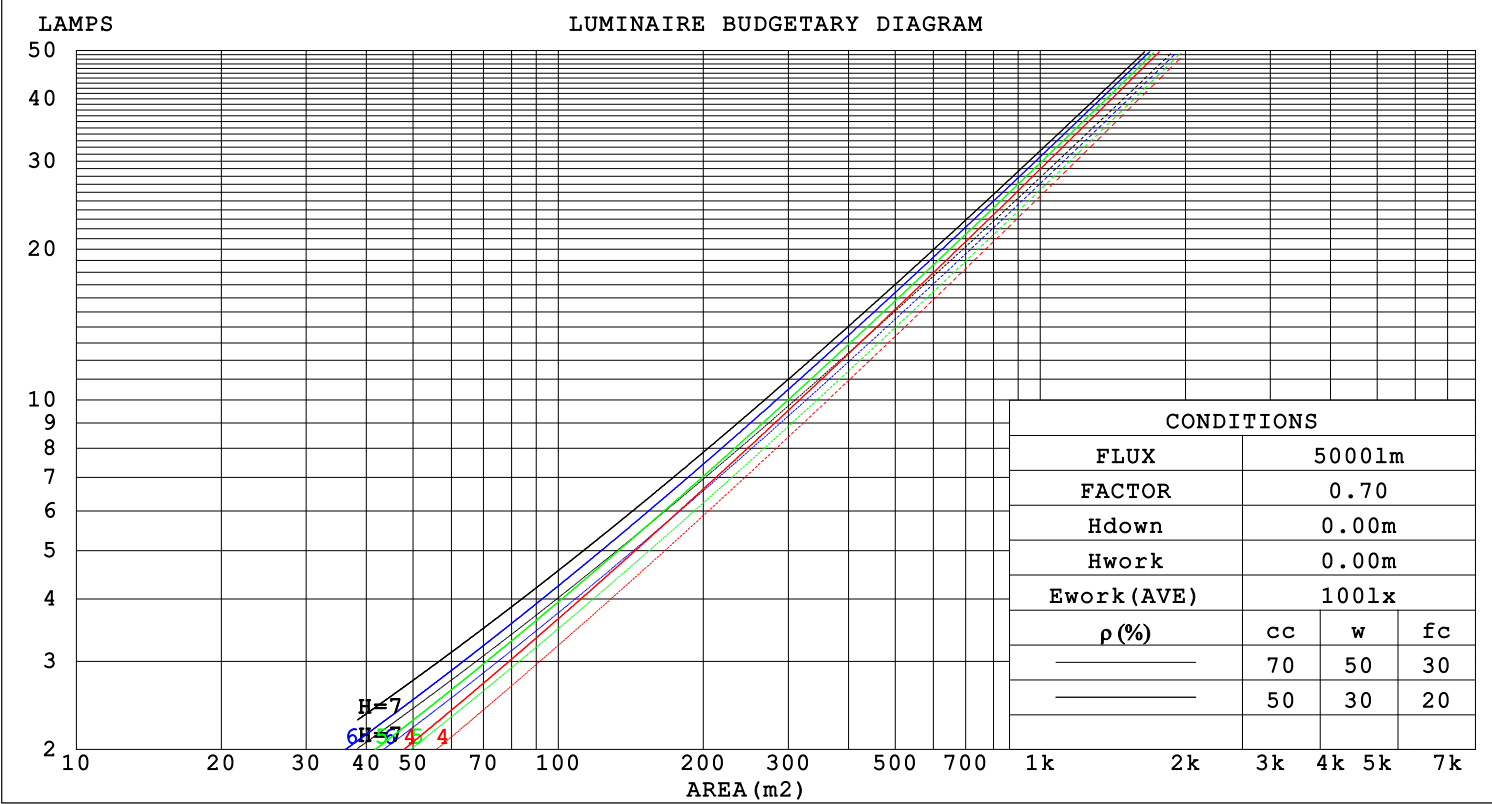
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

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: 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
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	1.07	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 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:9.000 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: 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	.184	.101	.031	.179	.098	.030	.168	.093	.029	.158	.089	.028	.149	.084	.027	
3.0	.174	.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	.128	.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	.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:9.000 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: 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	7.6	8.7	7.9	8.8	9.0	7.5	8.5	7.7	8.7	8.9
	3H	7.8	8.7	8.0	8.9	9.1	7.6	8.5	7.8	8.7	8.9
	4H	8.0	8.9	8.3	9.1	9.3	7.7	8.6	8.0	8.8	9.0
	6H	8.3	9.1	8.6	9.4	9.6	7.8	8.7	8.1	8.9	9.2
	8H	8.6	9.3	8.9	9.6	9.9	7.9	8.7	8.2	9.0	9.2
	12H	8.9	9.6	9.2	9.9	10.2	8.1	8.8	8.4	9.1	9.4
4H	2H	7.5	8.4	7.8	8.6	8.8	7.4	8.2	7.6	8.5	8.7
	3H	7.7	8.5	8.0	8.7	9.0	7.6	8.4	7.9	8.6	8.9
	4H	8.0	8.7	8.4	9.0	9.3	7.9	8.6	8.2	8.9	9.2
	6H	8.5	9.1	8.9	9.5	9.8	8.2	8.8	8.6	9.2	9.5
	8H	8.9	9.5	9.3	9.8	10.2	8.4	9.0	8.8	9.3	9.7
	12H	9.4	9.9	9.8	10.3	10.7	8.7	9.2	9.1	9.6	10.0
8H	4H	8.1	8.6	8.5	9.0	9.4	7.9	8.5	8.3	8.9	9.2
	6H	8.7	9.2	9.1	9.6	10.0	8.6	9.0	9.0	9.4	9.8
	8H	9.2	9.6	9.6	10.0	10.5	9.0	9.4	9.4	9.8	10.2
	12H	9.9	10.2	10.3	10.7	11.1	9.5	9.8	9.9	10.3	10.7
12H	4H	8.1	8.6	8.5	9.0	9.4	7.9	8.5	8.4	8.8	9.2
	6H	8.8	9.2	9.2	9.6	10.1	8.6	9.0	9.1	9.5	9.9
	8H	9.3	9.7	9.8	10.1	10.6	9.1	9.5	9.6	9.9	10.4
Variations with the observer position at spacings:											
S = 1.0H		+ 2.0 / - 1.9					+ 1.5 / - 2.0				
1.5H		+ 3.7 / - 2.2					+ 3.0 / - 2.1				
2.0H		+ 3.0 / - 0.8					+ 2.0 / - 0.9				

CIE Pub.117 Corrected 1108 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.4)

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:9.000 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: 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	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		

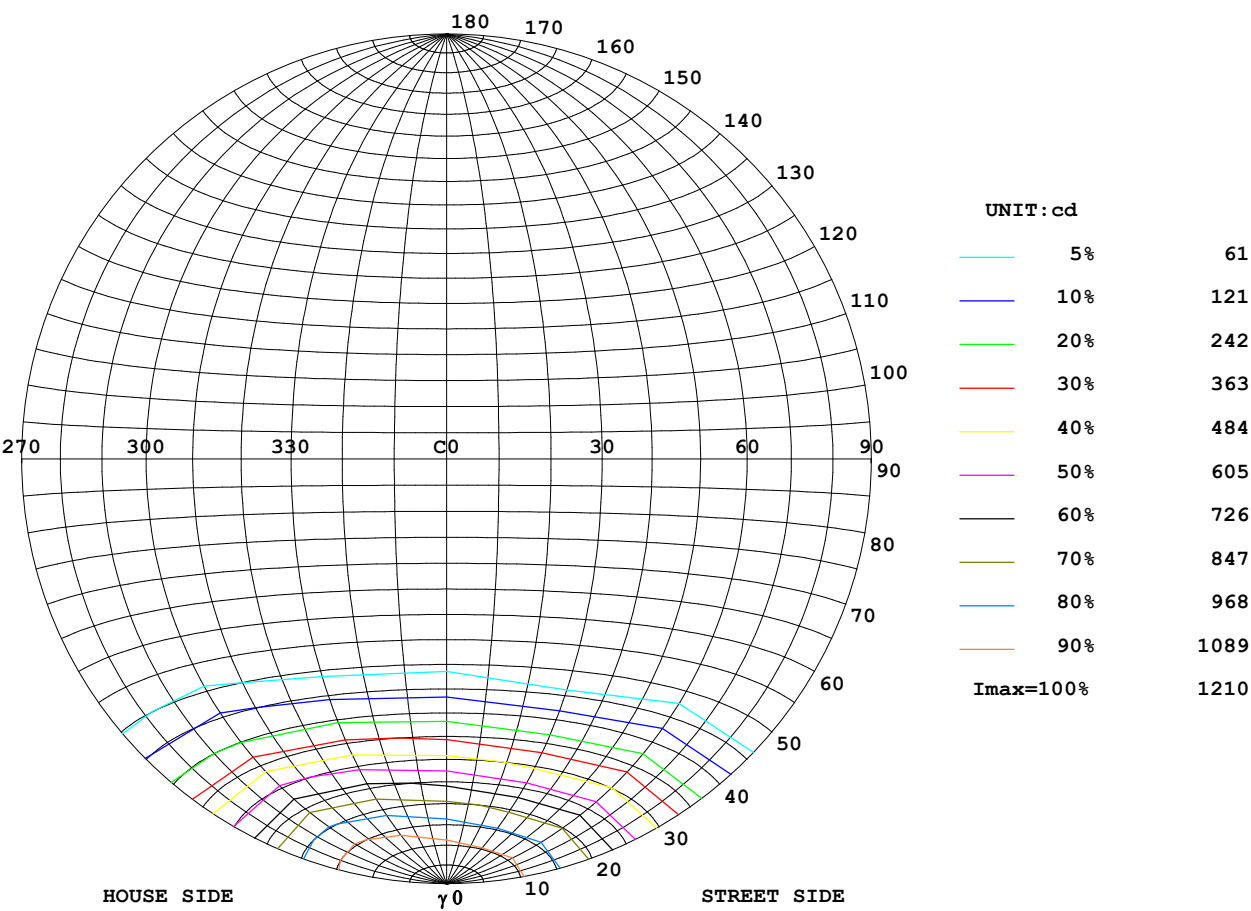
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 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: OSRAM 250 MA	DIMENSION: D-60 H-180 MM	SERIAL No.:



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

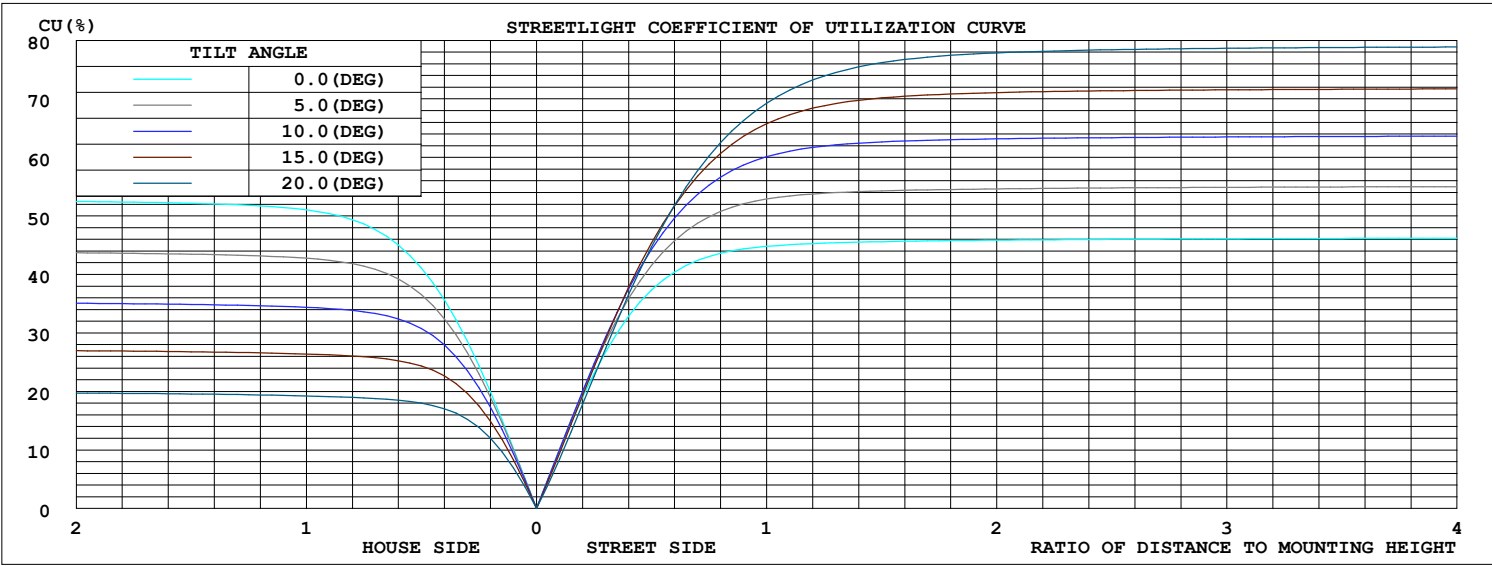
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

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

ILLUMINANCE AT MH=10 m,Enadir = 12.09 lx



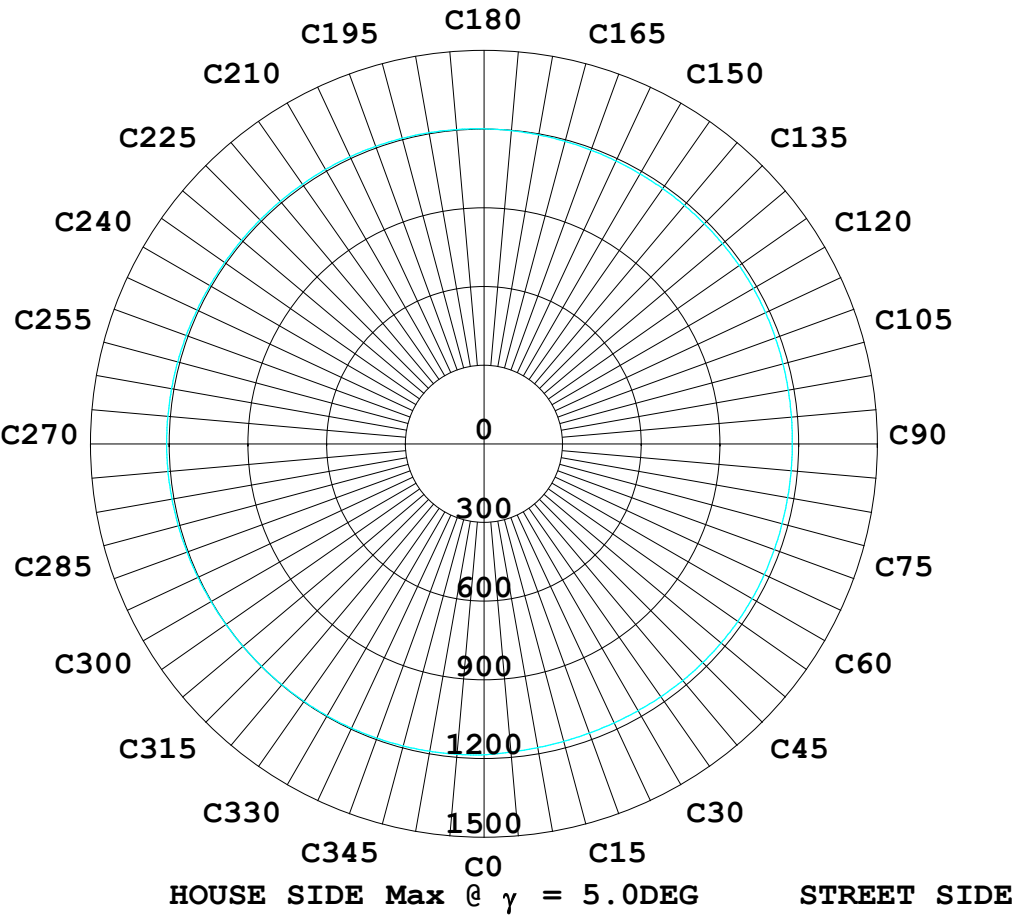
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:09-11-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: 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:9.000 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: 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	1209	1206	1207	1206	1208	1210	1209	1206	1207	1206	1208	1210
5.0	1185	1175	1180	1175	1186	1189	1201	1209	1207	1210	1202	1197
10.0	1115	1096	1107	1101	1117	1116	1145	1167	1172	1174	1153	1140
15.0	1008	981	995	985	1014	1013	1049	1080	1084	1099	1065	1049
20.0	866	829	844	833	872	877	916	956	959	975	930	915
25.0	692	652	668	657	706	714	761	799	794	817	766	754
30.0	511	467	485	471	520	533	586	626	608	625	577	573
35.0	340	292	317	297	350	358	406	448	422	435	389	392
40.0	185	152	171	157	196	196	238	282	251	238	221	228
45.0	86.9	67.9	79.7	69.2	91.5	88.1	115	143	123	132	101	108
50.0	49.4	34.9	43.7	35.0	50.7	43.9	54.1	70.4	56.3	66.1	48.0	55.2
55.0	26.6	17.2	24.0	16.3	25.8	20.0	26.4	38.1	28.5	36.0	23.1	29.6
60.0	17.9	10.9	16.6	10.4	17.2	11.9	14.9	21.9	14.9	21.5	13.2	19.0
65.0	14.2	8.82	13.4	8.58	13.7	8.91	10.7	15.3	9.88	15.3	9.39	14.3
70.0	12.2	7.77	11.5	7.45	11.8	7.69	9.23	12.6	8.18	12.7	7.93	12.1
75.0	10.6	6.96	10.2	6.64	10.2	6.80	8.34	10.8	7.12	10.8	7.04	10.5
80.0	9.31	5.99	8.74	5.75	9.07	6.07	7.69	9.55	6.39	9.55	6.23	9.15
85.0	7.85	5.18	7.45	4.69	7.45	4.94	6.64	7.93	5.18	7.77	4.94	7.69
90.0	6.80	5.10	6.39	4.61	6.39	4.53	6.80	6.31	4.61	6.31	4.37	6.23

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:9.000 m
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