

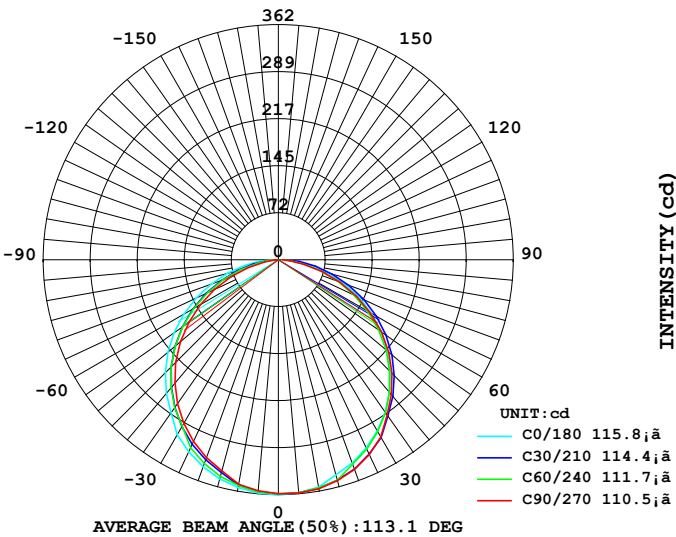
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

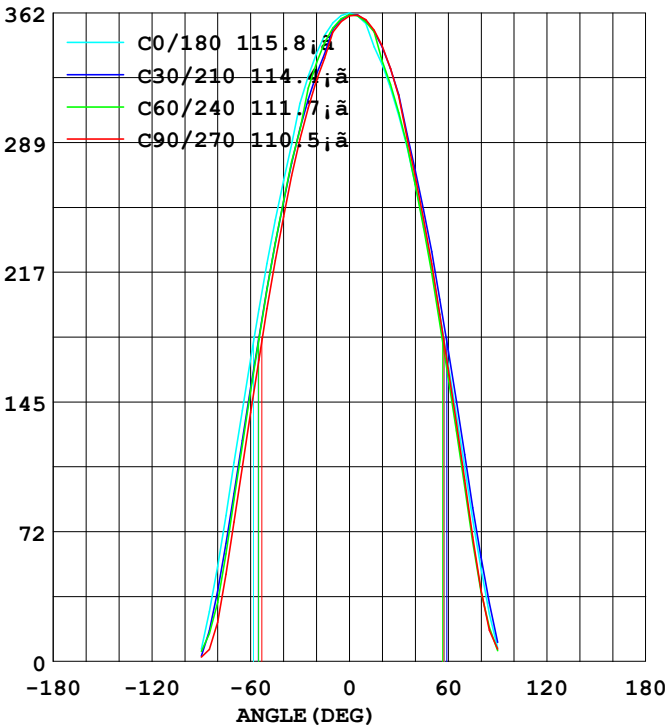
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	361.5	S/MH (C0/180)	1.27
MODEL	ALINA 140	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.21
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	1037.1	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	84.3	Current (A)	0.115
NOMINAL FLUX (lm)	1037.1	η up (%)	0.0	Power (W)	12.30
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.540
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	1018.8	EEI	0.158

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

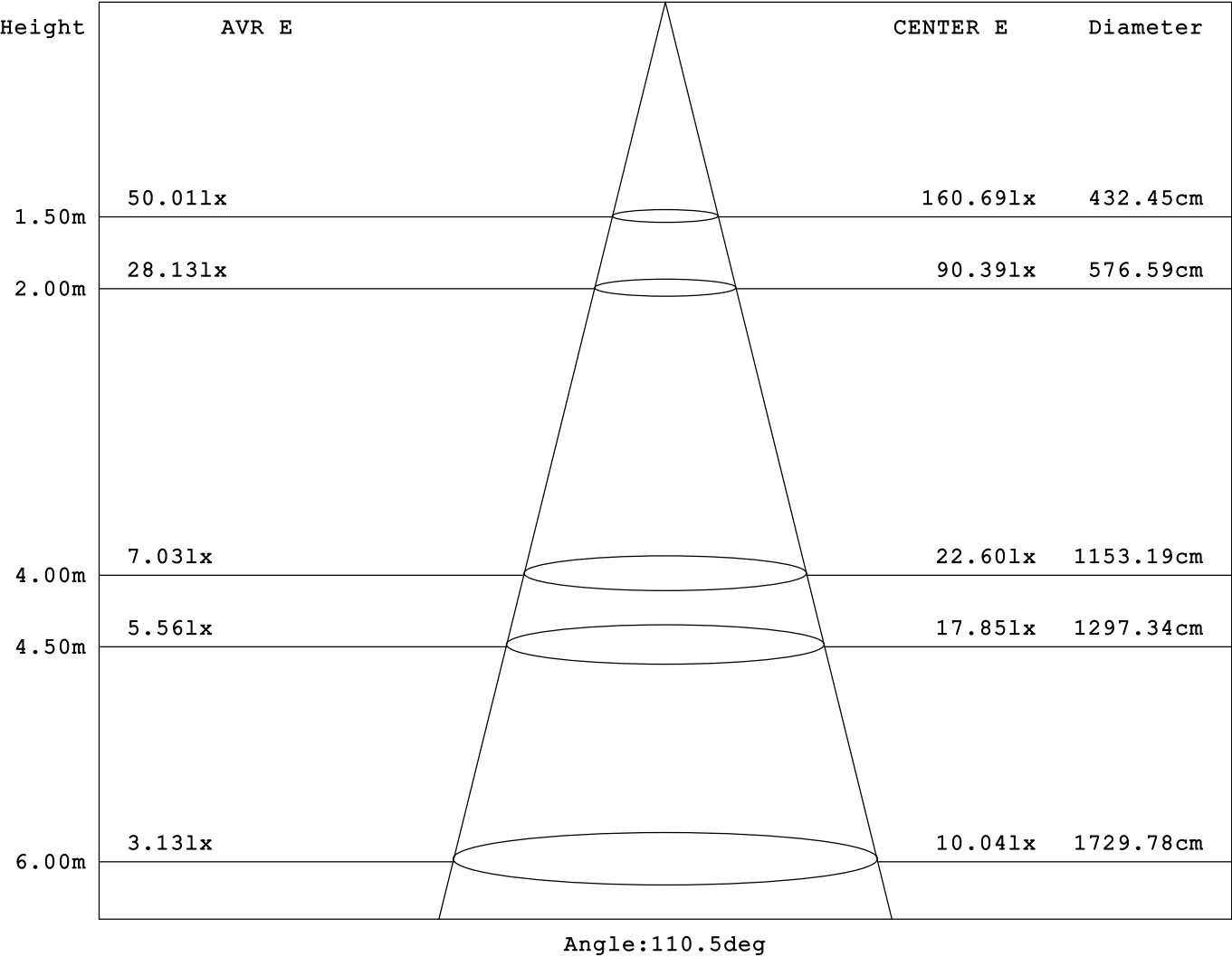
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	355.8	352.7	350.8	352.3	355.4	356.7	357.6	356.2	0- 10	34.12	34.12
20.0	338.9	330.4	323.9	330.3	332.6	338.6	343.0	337.9	10- 20	97.61	131.7
30.0	310.9	296.5	291.0	296.5	304.1	310.8	314.9	309.9	20- 30	147.8	279.6
40.0	267.9	256.4	247.8	257.0	266.1	270.0	270.7	269.1	30- 40	177.9	457.5
50.0	221.8	207.4	196.6	208.4	219.7	222.4	221.5	221.3	40- 50	185.1	642.7
60.0	168.5	151.6	138.8	153.0	165.7	166.2	163.5	165.3	50- 60	167.7	810.4
70.0	110.8	91.87	77.61	93.67	108.1	106.3	100.9	105.4	60- 70	128.1	938.5
80.0	52.97	36.14	21.84	37.85	51.89	48.41	39.70	47.87	70- 80	74.14	1013
90.0	6.949	4.286	2.346	4.151	7.490	8.348	6.859	7.761	80- 90	24.41	1037
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:08-30-2025

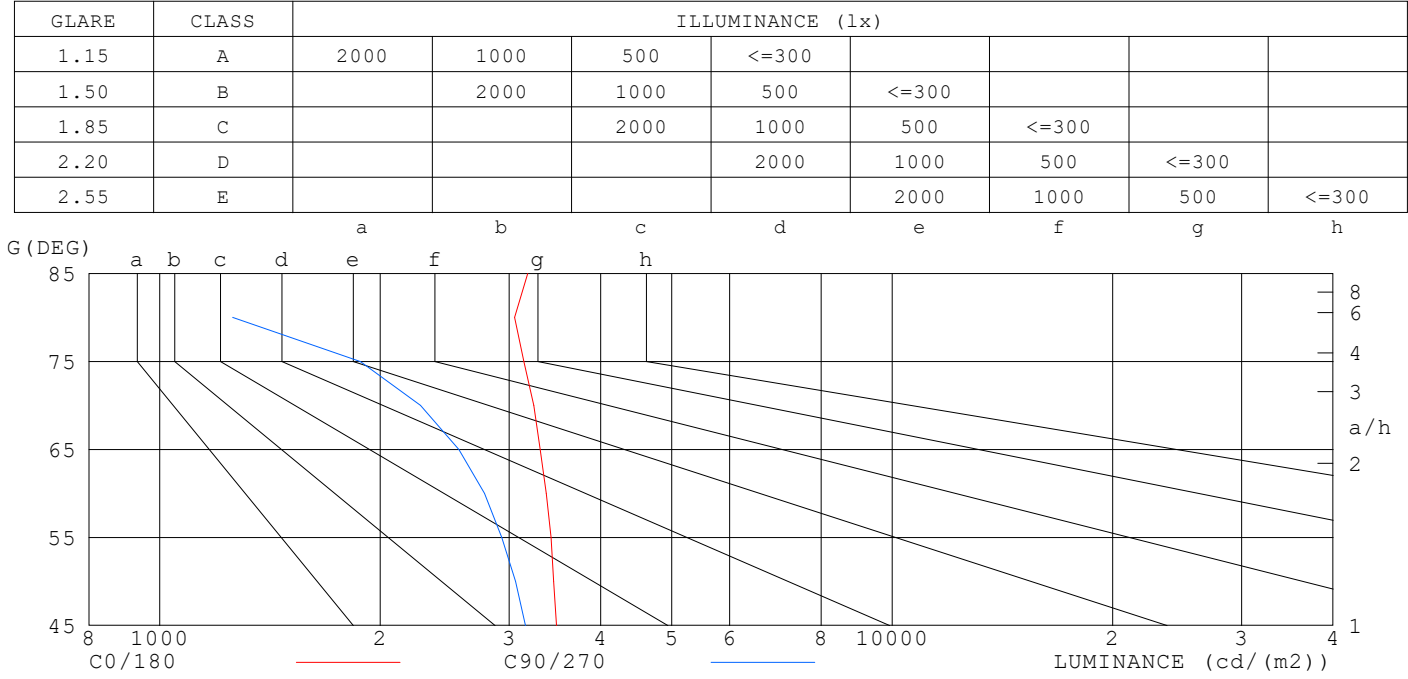
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	3179	777
80	3051	1258
75	3142	1879
70	3240	2269
65	3306	2560
60	3372	2776
55	3422	2930
50	3451	3059
45	3481	3159

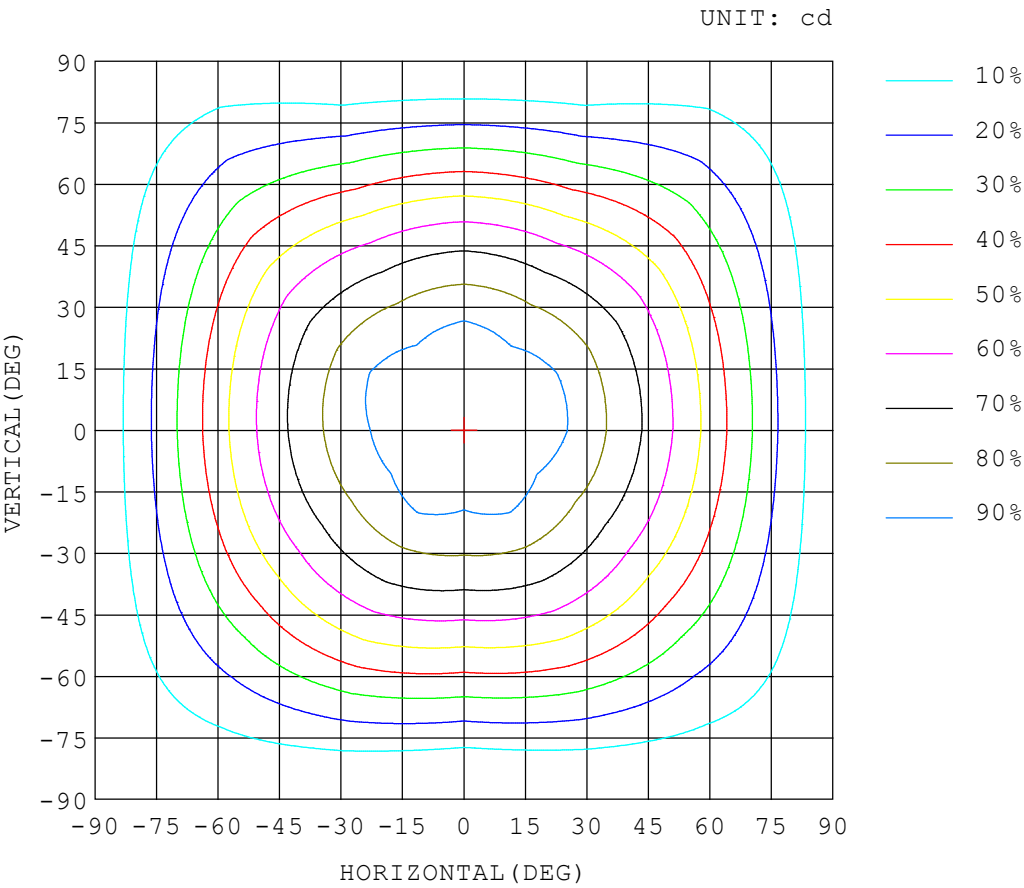
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



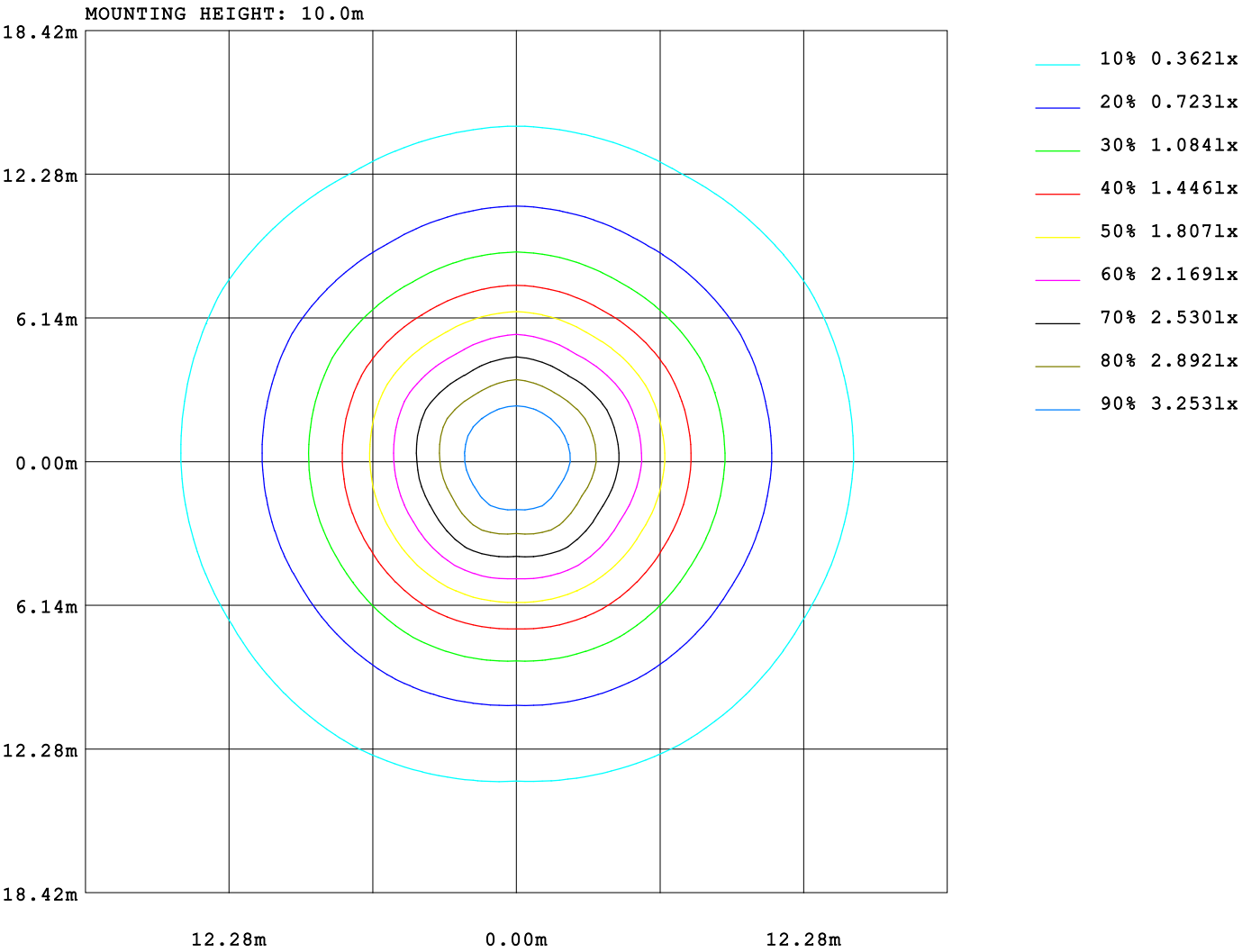
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019																			
NAME: ALINA 140										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: HC POWER 300 MA										DIMENSION: D-140 H-40 MM					SERIAL No.:				

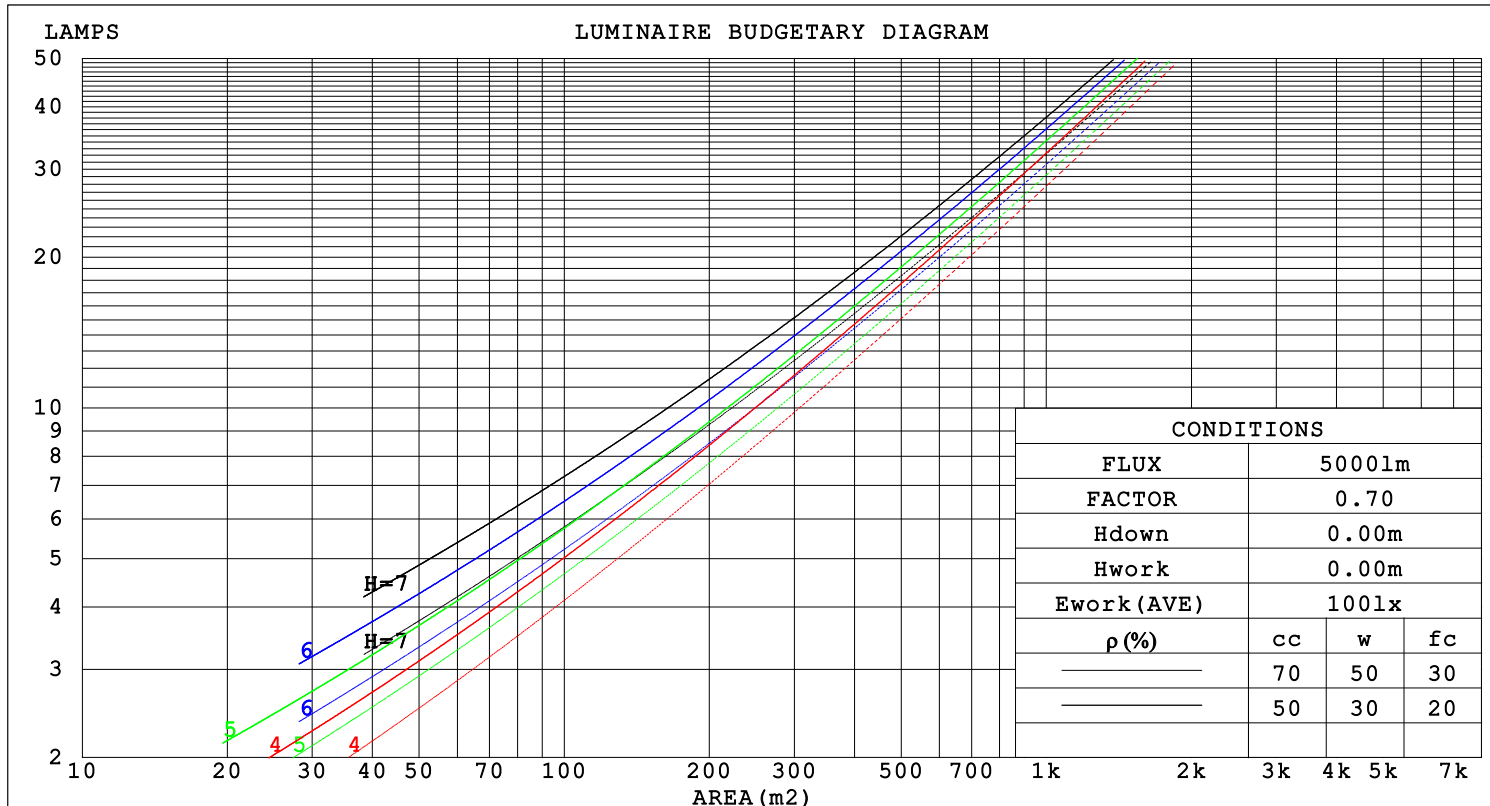
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	90	0.03	0.11	0.25	0.38	0.45	0.48	0.52	0.58	0.61	0.61	0.58	0.51	0.47	0.44	0.37	0.24	0.11	0.03	6.78	0.28	
	80	0.04	0.20	0.49	0.84	1.13	1.37	1.63	1.91	2.08	2.08	1.91	1.62	1.36	1.11	0.83	0.49	0.20	0.04	19.3	18.2	
	70	0.05	0.29	0.76	1.37	1.98	2.57	3.12	3.65	3.96	3.96	3.64	3.11	2.55	1.96	1.36	0.75	0.29	0.05	35.5	35.1	
	60	0.06	0.38	1.01	1.92	2.87	3.79	4.60	5.34	5.78	5.77	5.33	4.58	3.77	2.85	1.90	1.01	0.39	0.06	51.4	51.2	
	50	0.07	0.47	1.26	2.41	3.68	4.90	5.96	6.85	7.39	7.38	6.83	5.94	4.88	3.66	2.40	1.26	0.47	0.07	65.9	65.8	
	40	0.08	0.54	1.47	2.80	4.36	5.85	7.12	8.11	8.75	8.74	8.09	7.09	5.82	4.34	2.80	1.48	0.55	0.08	78.1	78.0	
	30	0.09	0.59	1.63	3.11	4.84	6.57	8.04	9.11	9.83	9.83	9.09	8.02	6.54	4.83	3.12	1.64	0.60	0.09	87.6	87.5	
		0.09	0.63	1.73	3.30	5.13	6.99	8.71	9.86	10.5	10.5	9.84	8.70	6.99	5.14	3.32	1.76	0.65	0.09	94.0	93.9	
		0.09	0.65	1.78	3.38	5.25	7.14	8.86	10.1	10.8	10.8	10.2	8.96	7.18	5.28	3.42	1.81	0.66	0.10	96.6	96.5	
		0.09	0.64	1.76	3.34	5.18	7.04	8.68	9.94	10.7	10.7	10.0	8.80	7.09	5.22	3.38	1.79	0.66	0.10	95.2	95.2	
		0.09	0.61	1.67	3.18	4.93	6.70	8.28	9.58	10.2	10.2	9.58	8.30	6.71	4.95	3.20	1.69	0.62	0.09	90.7	90.7	
	-30	0.08	0.56	1.53	2.91	4.52	6.16	7.67	8.84	9.38	9.37	8.84	7.66	6.15	4.52	2.92	1.54	0.57	0.09	83.3	83.2	
		0.08	0.50	1.34	2.54	3.96	5.46	6.81	7.79	8.20	8.19	7.77	6.79	5.43	3.94	2.54	1.34	0.50	0.08	73.3	73.2	
	-40	0.07	0.42	1.11	2.10	3.30	4.56	5.70	6.47	6.78	6.77	6.45	5.67	4.53	3.27	2.08	1.10	0.42	0.07	60.9	60.7	
	-50	0.05	0.33	0.86	1.60	2.53	3.51	4.38	4.92	5.13	5.12	4.90	4.34	3.47	2.49	1.57	0.85	0.33	0.06	46.4	46.2	
	-60	0.04	0.24	0.59	1.08	1.70	2.35	2.91	3.23	3.33	3.32	3.20	2.86	2.30	1.66	1.05	0.58	0.23	0.04	30.7	30.2	
	-70	0.03	0.15	0.34	0.59	0.90	1.20	1.44	1.55	1.54	1.53	1.53	1.40	1.16	0.86	0.57	0.32	0.15	0.03	15.3	11.7	
	-80	0.02	0.08	0.13	0.21	0.30	0.39	0.42	0.39	0.33	0.32	0.38	0.40	0.37	0.28	0.19	0.13	0.07	0.02	4.45	0.00	
	-90																					
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	1.16	7.38	19.7	37.1	57.0	77.1	94.9	108	116	115	108	94.8	76.8	56.8	37.0	19.8	7.47	1.18	1037			
Φ a	0.39	6.45	18.8	36.2	56.0	76.0	93.7	107	115	114	107	93.7	75.7	55.8	36.1	18.9	6.55	0.42		1019		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 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	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83														
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69														
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58														
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49														
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43														
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37														
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33														
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29														
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26														
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019														
NAME: ALINA 140							TYPE: 3000K CRI-90					WEIGHT:		
SPECIFICATION: HC POWER 300 MA							DIMENSION: D-140 H-40 MM					SERIAL No.:		

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	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.316	.179	.057	.308	.176	.056	.295	.169	.054	.283	.163	.052	.272	.157	.051	
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046	
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.247	.135	.041	.238	.132	.041	
4.0	.251	.130	.038	.246	.129	.038	.237	.126	.037	.228	.123	.037	.220	.120	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033	
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.197	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027	
8.0	.186	.091	.026	.183	.090	.026	.177	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.084	.024	.172	.084	.023	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021	

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	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	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015	
2.0	.173	.132	.098	.148	.114	.084	.101	.079	.059	.058	.046	.035	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.050	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019											
NAME: ALINA 140					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: HC POWER 300 MA					DIMENSION: D-140 H-40 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	17.0	18.5	17.3	18.7	18.9	16.5	18.0	16.7	18.2	18.4
	3H	18.6	20.0	18.9	20.3	20.5	17.7	19.1	18.0	19.4	19.6
	4H	19.3	20.7	19.6	20.9	21.2	18.1	19.5	18.4	19.7	20.0
	6H	19.9	21.1	20.2	21.4	21.7	18.2	19.5	18.6	19.8	20.1
	8H	20.1	21.3	20.4	21.6	21.9	18.2	19.4	18.6	19.7	20.0
	12H	20.2	21.4	20.6	21.7	22.0	18.2	19.4	18.5	19.7	20.0
4H	2H	17.5	18.8	17.8	19.1	19.4	17.1	18.5	17.4	18.7	19.0
	3H	19.3	20.5	19.6	20.8	21.1	18.6	19.8	18.9	20.0	20.4
	4H	20.1	21.2	20.5	21.5	21.8	19.1	20.1	19.4	20.5	20.8
	6H	20.7	21.7	21.1	22.1	22.4	19.3	20.2	19.7	20.6	20.9
	8H	21.0	21.9	21.4	22.3	22.6	19.3	20.2	19.7	20.5	20.9
	12H	21.2	22.0	21.6	22.4	22.8	19.3	20.1	19.7	20.5	20.9
8H	4H	20.3	21.1	20.7	21.5	21.9	19.3	20.2	19.7	20.6	21.0
	6H	21.0	21.8	21.5	22.2	22.6	19.7	20.4	20.1	20.8	21.2
	8H	21.3	22.0	21.8	22.4	22.9	19.7	20.4	20.2	20.8	21.3
	12H	21.6	22.2	22.1	22.6	23.1	19.8	20.3	20.3	20.8	21.3
12H	4H	20.2	21.1	20.7	21.4	21.9	19.3	20.1	19.8	20.5	20.9
	6H	21.0	21.7	21.5	22.1	22.6	19.7	20.4	20.2	20.8	21.2
	8H	21.4	22.0	21.9	22.4	22.9	19.8	20.4	20.3	20.8	21.3
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.2 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.3 / - 0.5				
2.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 1037 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI, 301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	56	45	38	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

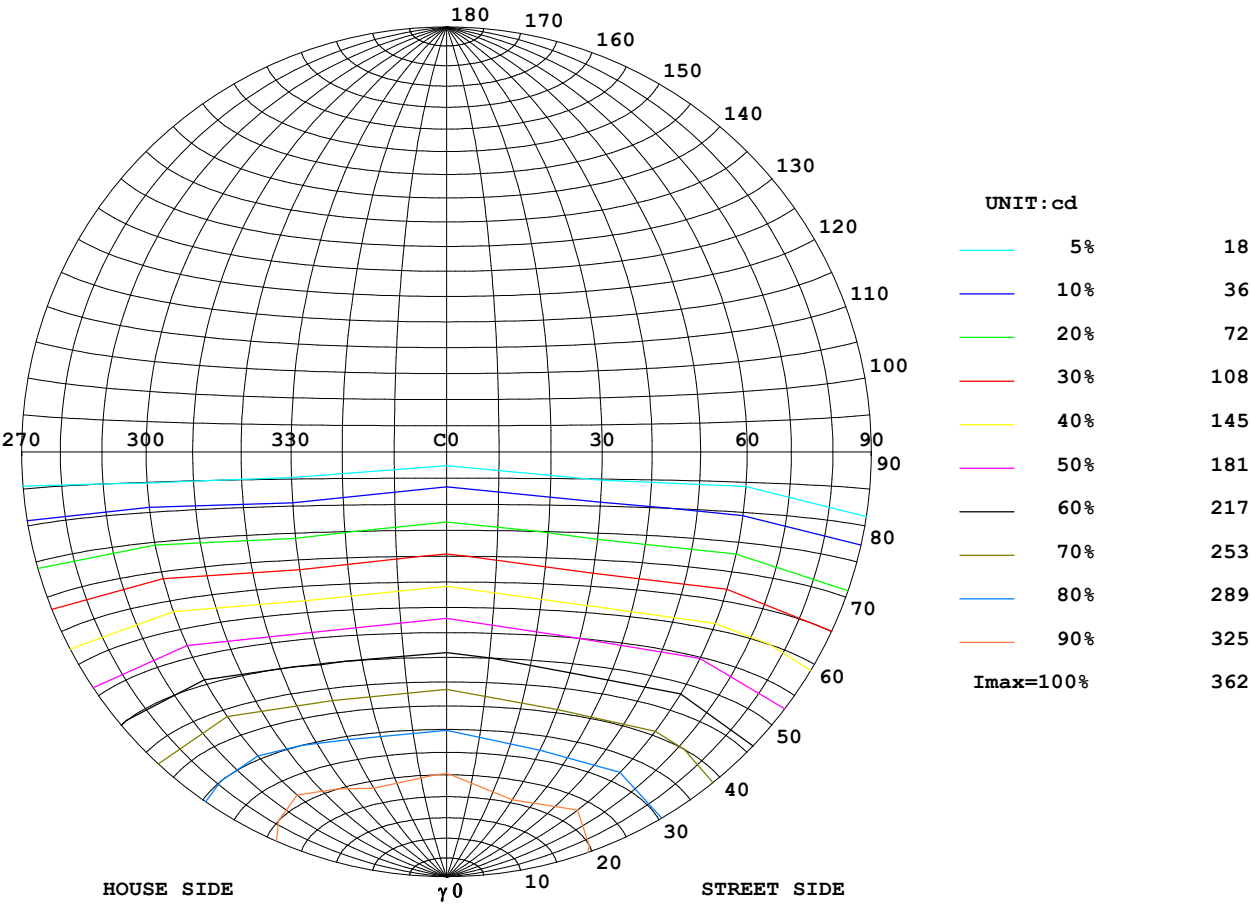
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-30-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



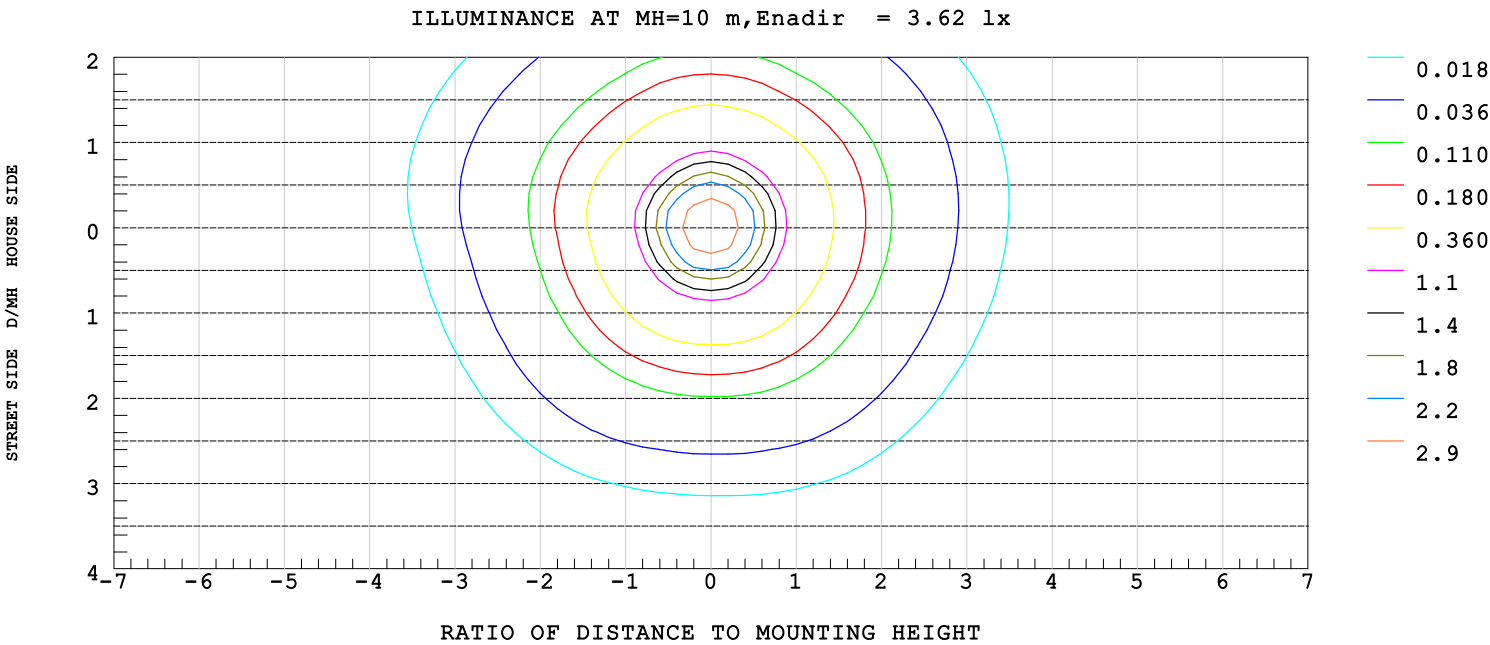
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



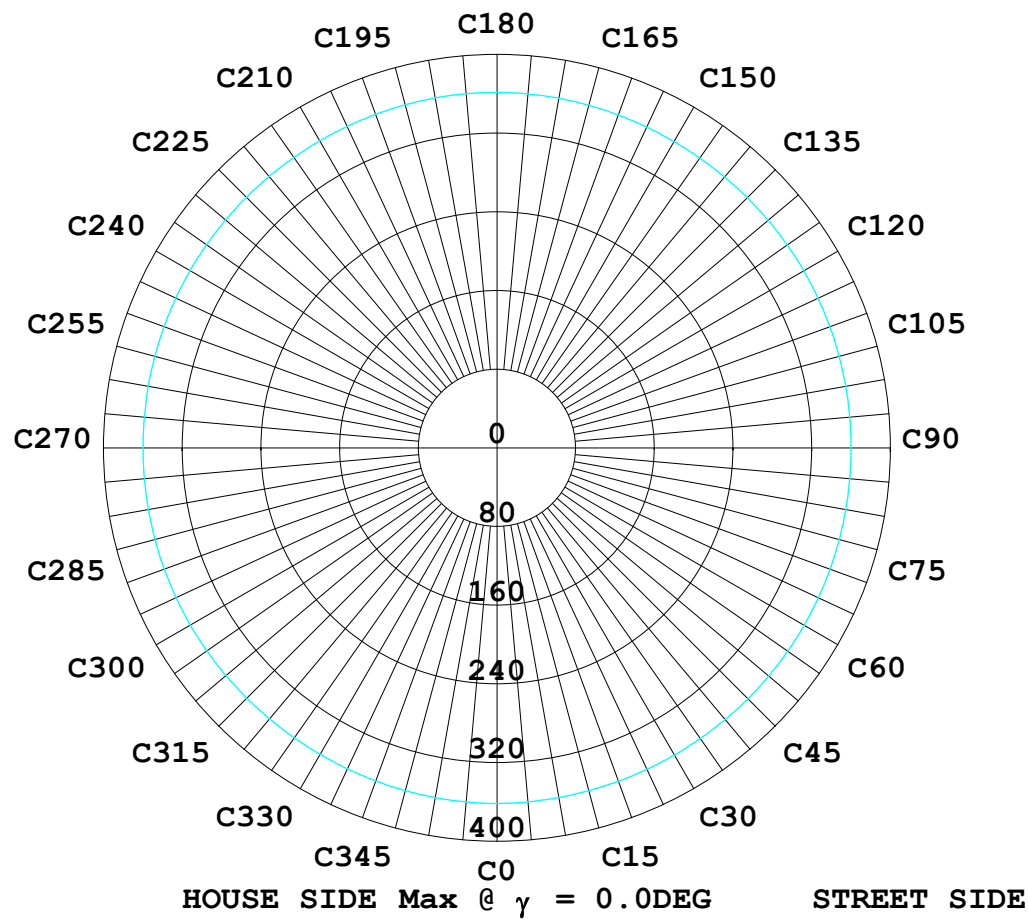
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	362	361	361	360	360	360	362	361	361	360	360	360
5.0	360	358	358	357	358	357	360	360	360	360	359	359
10.0	356	352	353	351	353	352	355	357	356	358	356	356
15.0	349	339	345	336	345	338	343	351	351	352	351	350
20.0	339	327	334	324	334	327	333	342	335	343	334	342
25.0	326	313	319	308	320	313	320	330	322	331	321	330
30.0	311	297	296	291	296	297	304	316	306	315	305	315
35.0	288	278	279	271	279	278	287	294	288	292	287	293
40.0	268	256	257	248	257	257	266	274	266	271	265	273
45.0	246	233	233	223	234	234	244	252	242	247	241	251
50.0	222	208	207	197	208	209	220	228	217	222	216	227
55.0	196	180	180	168	181	181	193	202	188	193	188	201
60.0	169	153	151	139	152	154	166	174	159	164	158	173
65.0	140	123	120	108	122	125	137	145	128	133	128	144
70.0	111	93.4	90.2	77.6	92.0	95.3	108	115	97.3	101	96.5	114
75.0	81.3	65.7	60.1	48.6	61.9	67.5	79.0	85.6	66.5	69.2	66.1	84.6
80.0	52.9	39.3	32.9	21.8	34.5	41.1	51.8	58.1	38.7	39.7	38.5	57.2
85.0	27.7	17.0	15.4	6.76	16.5	18.5	26.4	32.5	19.0	17.3	18.7	31.7
90.0	6.94	2.88	5.68	2.34	5.59	2.70	7.49	10.6	6.04	6.85	5.59	9.92

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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