

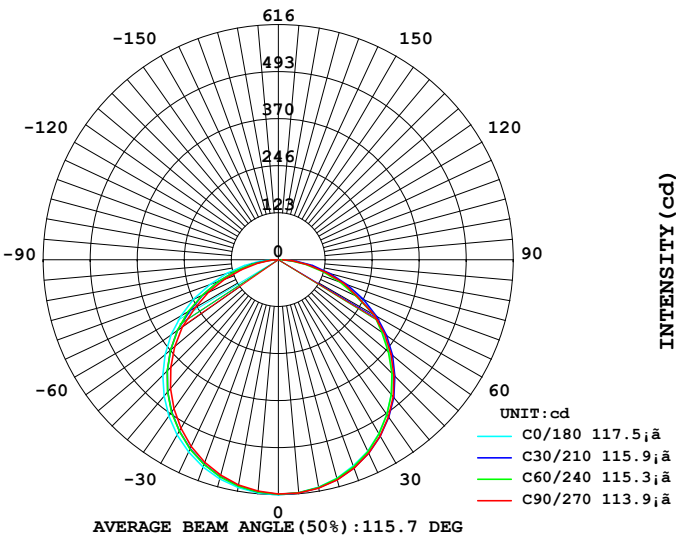
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

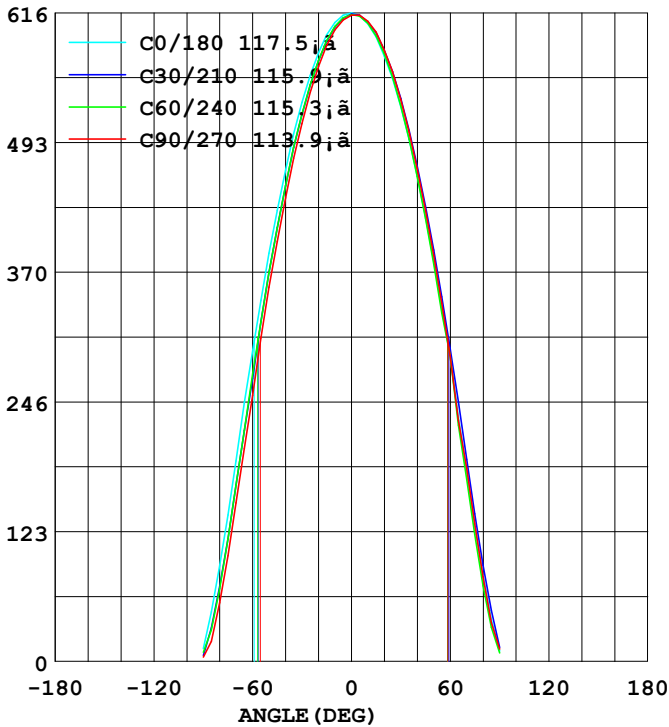
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	616.0	S/MH (C0/180)	1.28
MODEL	ALINA 170	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	18	TOTAL FLUX (lm)	1808.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	98.9	Current (A)	0.162
NOMINAL FLUX (lm)	1809.0	η up (%)	0.0	Power (W)	18.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.567
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	1775.7	EEI	0.140

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:8.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:

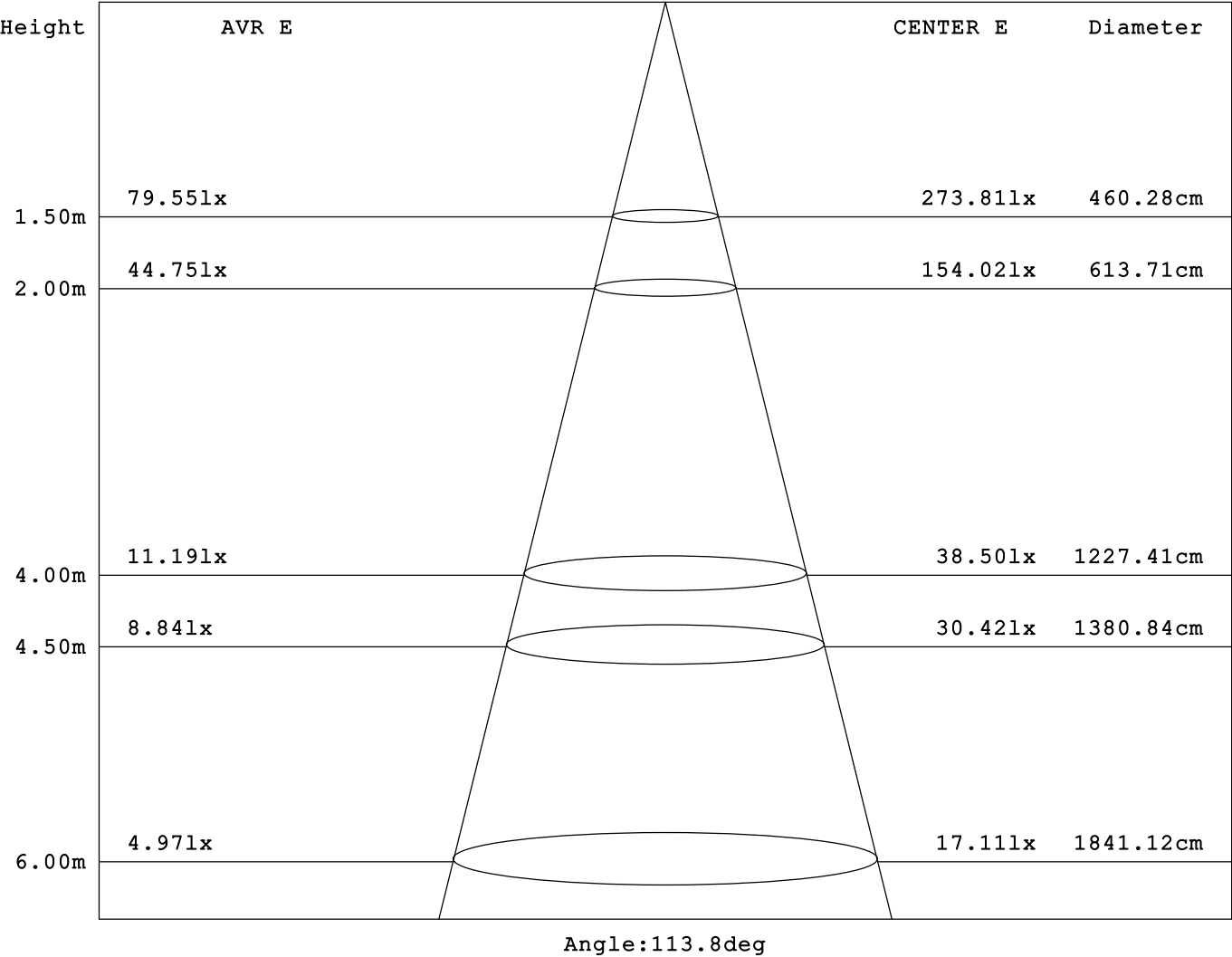
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 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: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 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:8.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	606.6	602.8	599.8	601.5	605.5	606.8	607.9	606.7	0- 10	58.19	58.19
20.0	578.2	570.7	565.2	569.5	575.2	579.0	581.0	579.1	10- 20	167.1	225.3
30.0	530.6	519.5	510.8	517.9	526.8	531.2	533.6	531.9	20- 30	254.6	480.0
40.0	466.7	451.8	440.2	449.9	461.6	465.9	468.2	466.8	30- 40	309.0	789.0
50.0	387.7	369.3	355.4	367.5	380.3	383.9	385.6	385.2	40- 50	323.4	1113
60.0	294.9	271.0	252.5	269.3	290.5	294.2	290.8	295.3	50- 60	295.6	1408
70.0	190.4	167.3	150.5	165.9	181.1	182.5	183.4	184.4	60- 70	225.9	1634
80.0	90.89	70.19	55.63	69.46	81.71	81.49	80.34	83.34	70- 80	131.9	1766
90.0	12.35	7.116	3.973	6.538	9.753	10.62	11.70	12.02	80- 90	42.83	1809
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

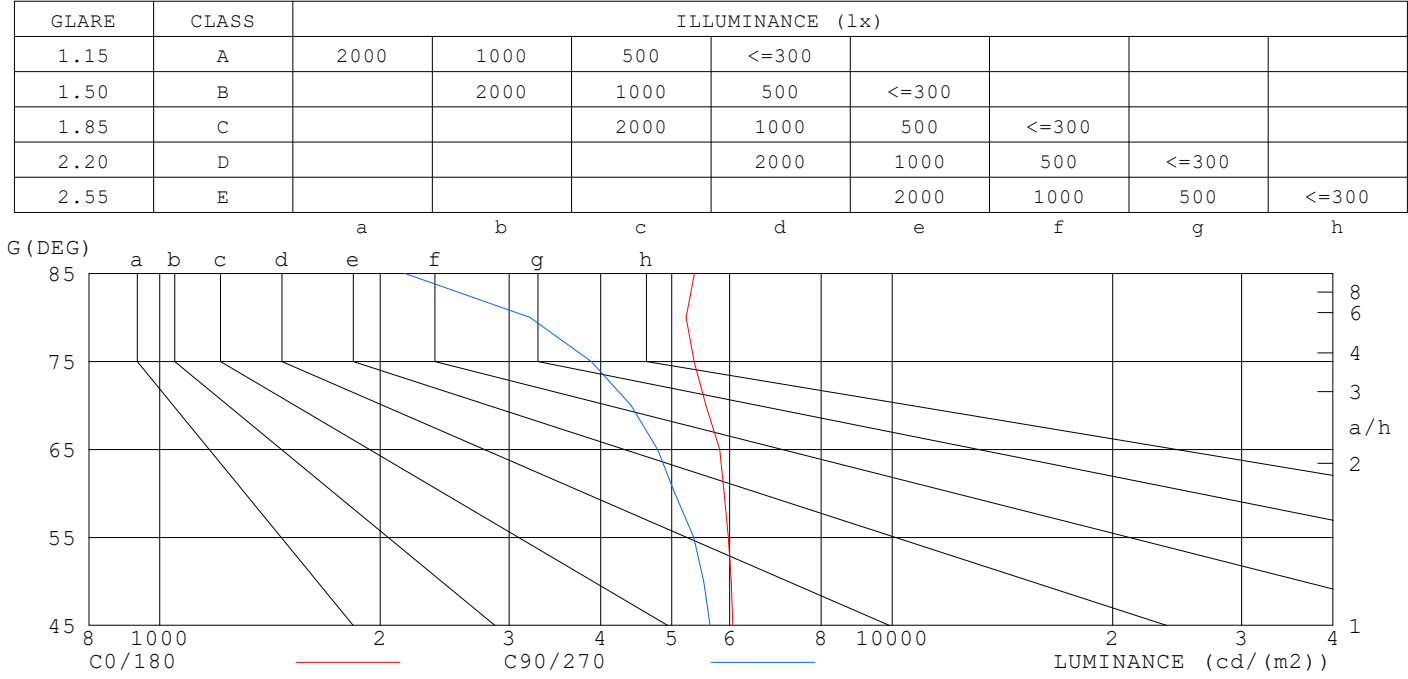
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	5372	2164
80	5234	3204
75	5368	3883
70	5568	4402
65	5816	4785
60	5900	5052
55	5978	5362
50	6033	5530
45	6058	5643

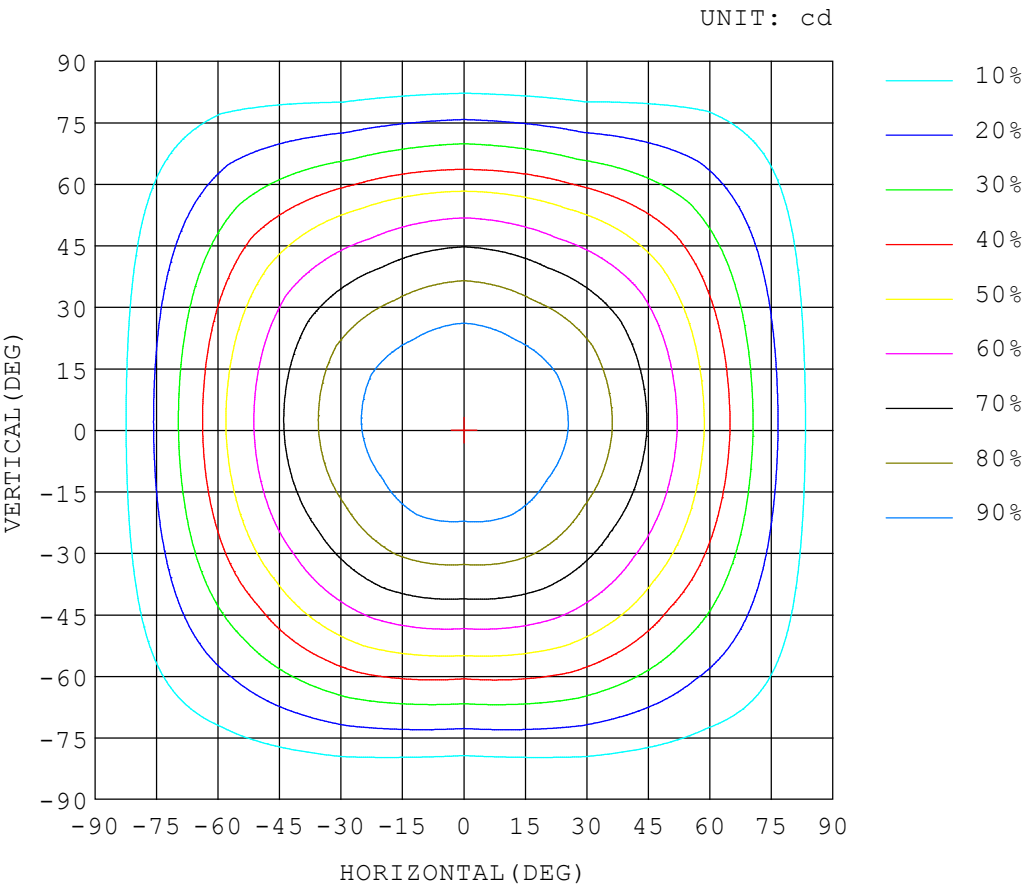
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:



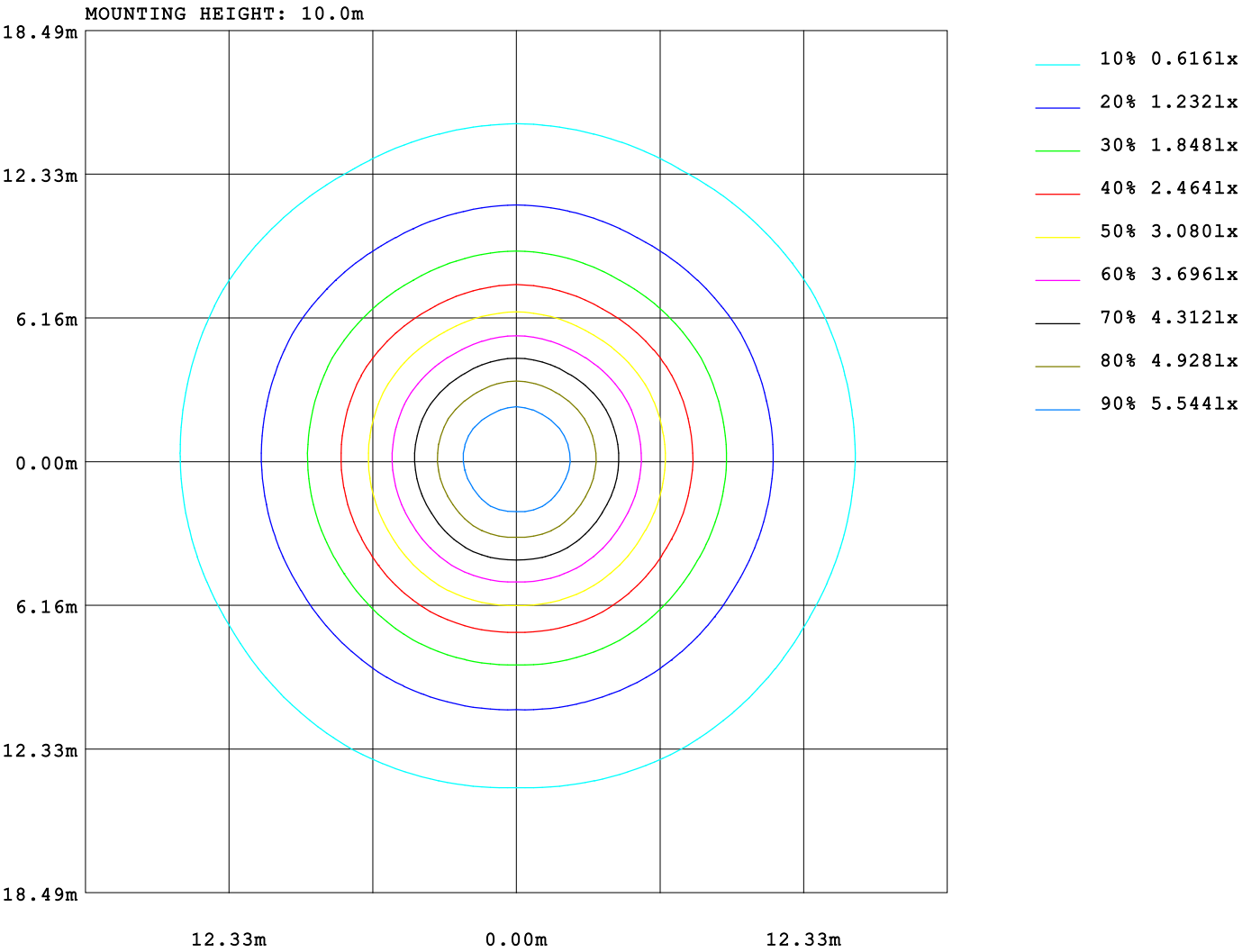
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 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:8.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019																				
NAME: ALINA 170										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION: HC POWER 300 MA										DIMENSION: D-170 H-40 MM					SERIAL No.:					

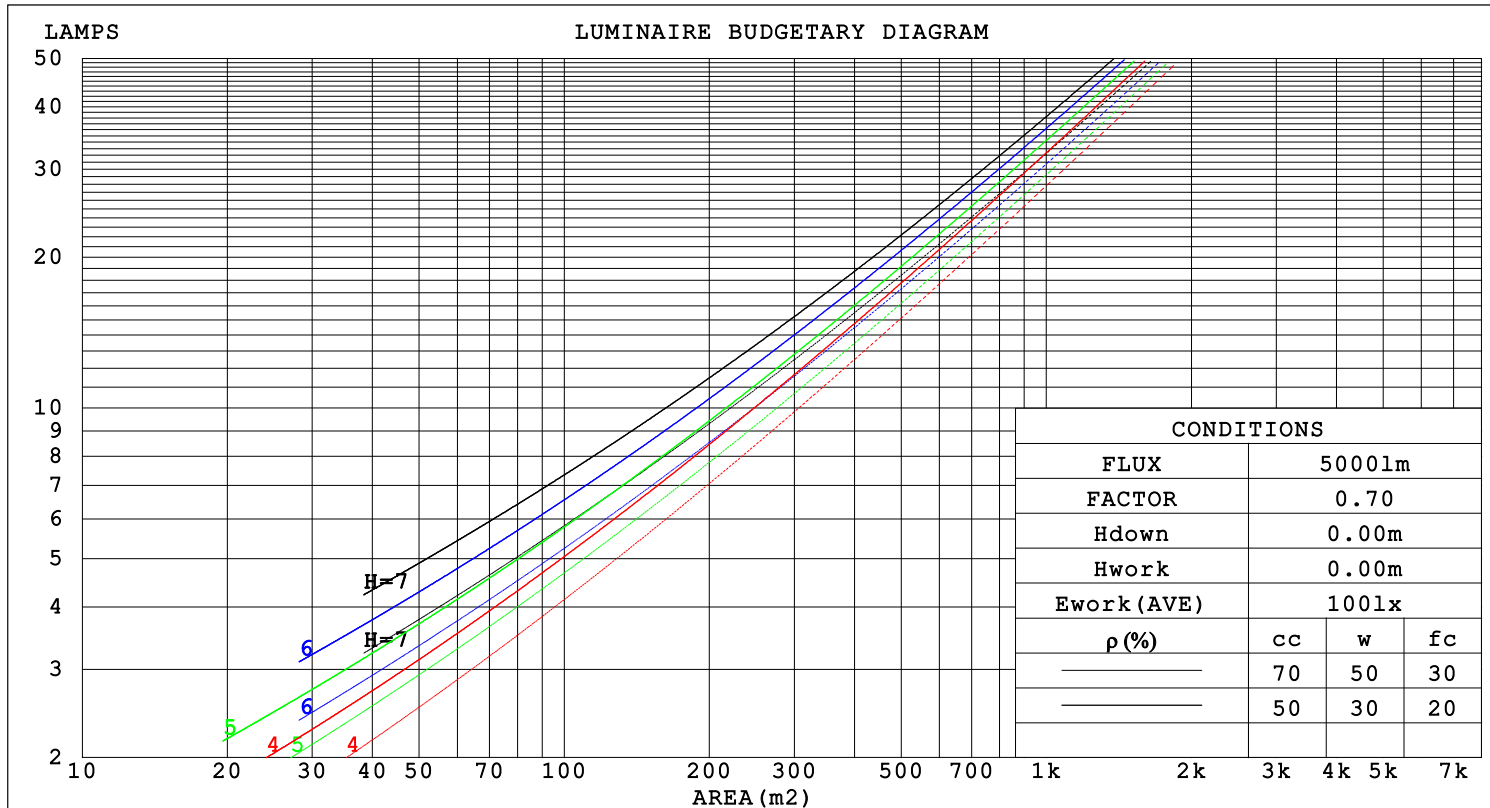
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.04	0.16	0.35	0.55	0.70	0.80	0.93	1.10	1.22	1.22	1.10	0.94	0.82	0.73	0.59	0.39	0.18	0.05				
90	0.04	0.16	0.35	0.55	0.70	0.80	0.93	1.10	1.22	1.22	1.10	0.94	0.82	0.73	0.59	0.39	0.18	0.05			11.8	1.62
80	0.06	0.30	0.75	1.33	1.90	2.44	2.99	3.54	3.90	3.90	3.56	3.01	2.47	1.94	1.38	0.80	0.33	0.07			34.7	32.7
70	0.07	0.45	1.20	2.25	3.38	4.49	5.52	6.45	6.99	6.99	6.47	5.54	4.53	3.42	2.30	1.25	0.49	0.09			61.9	61.3
60	0.09	0.60	1.66	3.20	4.91	6.68	8.24	9.47	10.1	10.1	9.47	8.25	6.70	4.96	3.25	1.72	0.65	0.10			90.3	90.0
50	0.11	0.75	2.09	4.08	6.35	8.52	10.3	11.9	12.8	12.8	11.9	10.4	8.55	6.40	4.14	2.16	0.80	0.12			114	114
40	0.12	0.87	2.46	4.80	7.49	10.0	12.3	14.0	15.0	15.0	14.0	12.3	10.1	7.54	4.88	2.54	0.93	0.14			135	135
30	0.13	0.97	2.75	5.36	8.32	11.2	13.8	15.6	16.7	16.7	15.6	13.8	11.3	8.39	5.43	2.85	1.03	0.15			151	151
	0.14	1.03	2.94	5.71	8.85	12.0	14.8	16.8	17.9	17.9	16.8	14.8	12.0	8.94	5.80	3.06	1.10	0.16			161	161
	0.14	1.06	3.04	5.87	9.08	12.3	15.2	17.3	18.4	18.4	17.3	15.2	12.4	9.19	5.98	3.16	1.13	0.16			166	166
	0.14	1.05	3.01	5.81	9.00	12.2	15.0	17.1	18.3	18.3	17.2	15.1	12.3	9.11	5.92	3.13	1.12	0.16			164	164
	0.14	1.01	2.86	5.55	8.60	11.6	14.4	16.5	17.6	17.6	16.5	14.4	11.7	8.70	5.64	2.97	1.07	0.16			158	157
-30	0.13	0.93	2.61	5.07	7.91	10.7	13.4	15.3	16.3	16.3	15.4	13.4	10.8	8.00	5.15	2.71	0.99	0.15			146	145
-40	0.12	0.81	2.28	4.41	6.96	9.59	11.9	13.6	14.4	14.4	13.6	11.9	9.64	7.02	4.49	2.36	0.87	0.13			129	129
-50	0.10	0.68	1.88	3.62	5.76	8.06	10.0	11.4	12.0	12.0	11.4	10.1	8.11	5.81	3.69	1.94	0.73	0.11			108	108
-60	0.08	0.53	1.43	2.76	4.43	6.21	7.82	8.85	9.30	9.30	8.86	7.83	6.24	4.47	2.80	1.48	0.57	0.10			83.1	82.7
-70	0.07	0.37	0.98	1.86	3.00	4.21	5.27	5.92	6.17	6.17	5.93	5.28	4.23	3.03	1.89	1.02	0.41	0.08			55.9	55.0
-80	0.05	0.23	0.55	1.02	1.62	2.25	2.77	3.06	3.14	3.14	3.07	2.78	2.26	1.63	1.04	0.59	0.26	0.06			29.5	25.8
-90	0.03	0.11	0.21	0.34	0.52	0.70	0.82	0.83	0.78	0.78	0.83	0.81	0.71	0.53	0.36	0.24	0.13	0.04			8.80	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	1.76	11.9	33.1	63.6	98.8	134	166	189	202	202	190	166	135	99.9	64.8	34.4	12.8	2.02			1809	
Φ a	0.42	10.2	31.5	62.0	97.2	133	164	188	200	200	188	165	134	98.2	63.2	32.9	11.2	0.72				1776

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:8.500 m
Remarks: 4000K

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	1.03	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83														
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69														
3.0	.79	.70	.64	.77	.69	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58														
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49														
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42														
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37														
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33														
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29														
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26														
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019														
NAME: ALINA 170							TYPE: 4000K CRI-90					WEIGHT:		
SPECIFICATION: HC POWER 300 MA							DIMENSION: D-170 H-40 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	.317	.180	.057	.310	.177	.056	.297	.170	.054	.285	.164	.053	.273	.158	.051	
2.0	.297	.163	.050	.290	.160	.049	.279	.155	.048	.268	.150	.047	.258	.146	.046	
3.0	.274	.146	.044	.268	.144	.043	.258	.140	.042	.248	.136	.042	.239	.132	.041	
4.0	.252	.131	.038	.247	.129	.038	.238	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.233	.118	.034	.228	.117	.034	.220	.115	.034	.212	.112	.033	.205	.110	.033	
6.0	.215	.108	.031	.212	.107	.031	.204	.105	.030	.197	.103	.030	.191	.101	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.179	.093	.027	
8.0	.187	.091	.026	.184	.091	.026	.178	.089	.025	.173	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.158	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021	

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	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.097	.148	.114	.084	.101	.079	.059	.059	.046	.034	.019	.015	.011	
3.0	.165	.114	.074	.142	.099	.064	.097	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.135	.087	.050	.093	.061	.035	.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	.015	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.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:8.500 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019											
NAME: ALINA 170					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION: HC POWER 300 MA					DIMENSION: D-170 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		19.0	20.5	19.3	20.7	20.9	18.6	20.2	18.9	20.4	20.6
	3H	20.6	22.0	20.9	22.3	22.5	20.0	21.4	20.3	21.7	21.9
	4H	21.3	22.6	21.6	22.9	23.1	20.5	21.8	20.8	22.1	22.4
	6H	21.8	23.1	22.1	23.4	23.6	20.8	22.0	21.1	22.3	22.6
	8H	22.0	23.2	22.3	23.5	23.8	20.8	22.0	21.1	22.3	22.6
	12H	22.1	23.3	22.5	23.6	23.9	20.8	22.0	21.1	22.3	22.6
4H	2H	19.5	20.9	19.9	21.2	21.4	19.3	20.6	19.6	20.9	21.1
	3H	21.3	22.5	21.6	22.8	23.1	20.8	22.0	21.2	22.3	22.6
	4H	22.1	23.2	22.4	23.5	23.8	21.5	22.5	21.8	22.9	23.2
	6H	22.7	23.7	23.1	24.0	24.4	21.8	22.8	22.2	23.2	23.5
	8H	23.0	23.9	23.4	24.2	24.6	21.9	22.8	22.3	23.2	23.5
	12H	23.1	24.0	23.6	24.4	24.8	21.9	22.8	22.4	23.1	23.5
8H	4H	22.3	23.2	22.7	23.5	23.9	21.7	22.6	22.1	23.0	23.4
	6H	23.0	23.8	23.5	24.2	24.6	22.2	23.0	22.7	23.4	23.8
	8H	23.3	24.0	23.8	24.4	24.9	22.4	23.0	22.8	23.5	23.9
	12H	23.6	24.2	24.1	24.6	25.1	22.5	23.0	22.9	23.5	24.0
12H	4H	22.3	23.1	22.7	23.5	23.9	21.7	22.6	22.2	23.0	23.4
	6H	23.1	23.7	23.5	24.2	24.6	22.3	23.0	22.8	23.4	23.8
	8H	23.4	24.0	23.9	24.4	24.9	22.5	23.0	22.9	23.5	24.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.4					
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.5					

CIE Pub.117 Corrected 1809 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.1)

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:8.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI, 301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 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	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	77	70	86	77	70	83	75	69	61
2.00	94	86	79	93	85	78	89	82	77	69
2.50	98	91	84	96	89	83	93	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

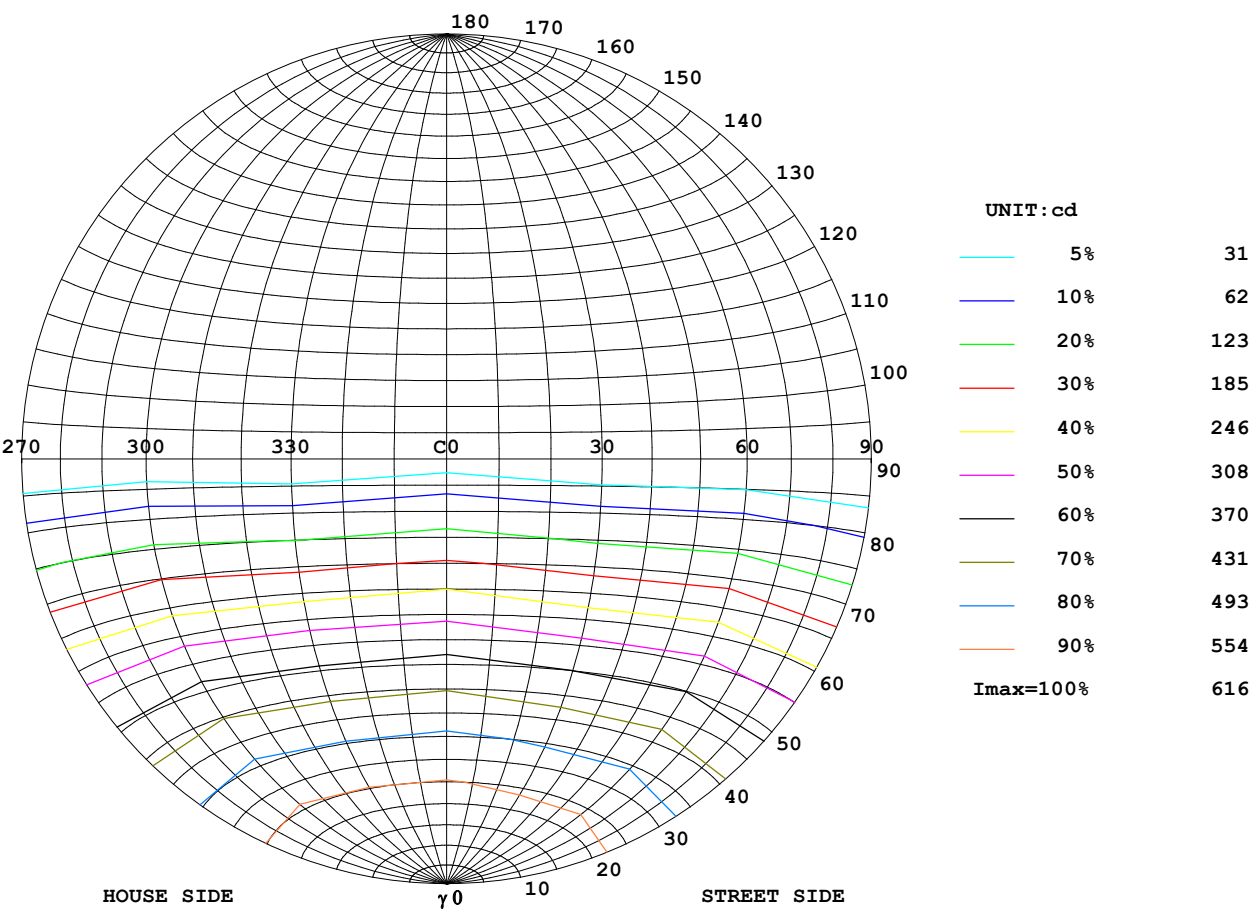
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-30-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:



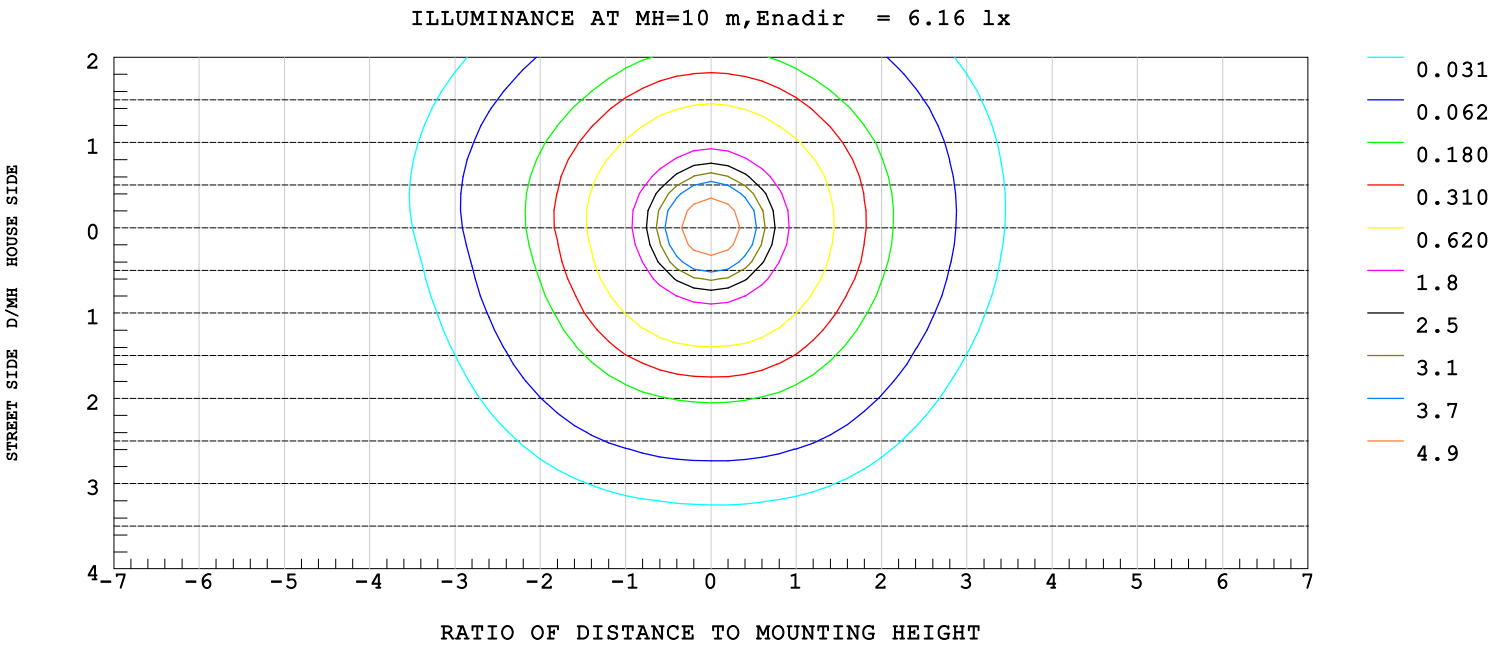
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 H-40 MM	SERIAL No.:



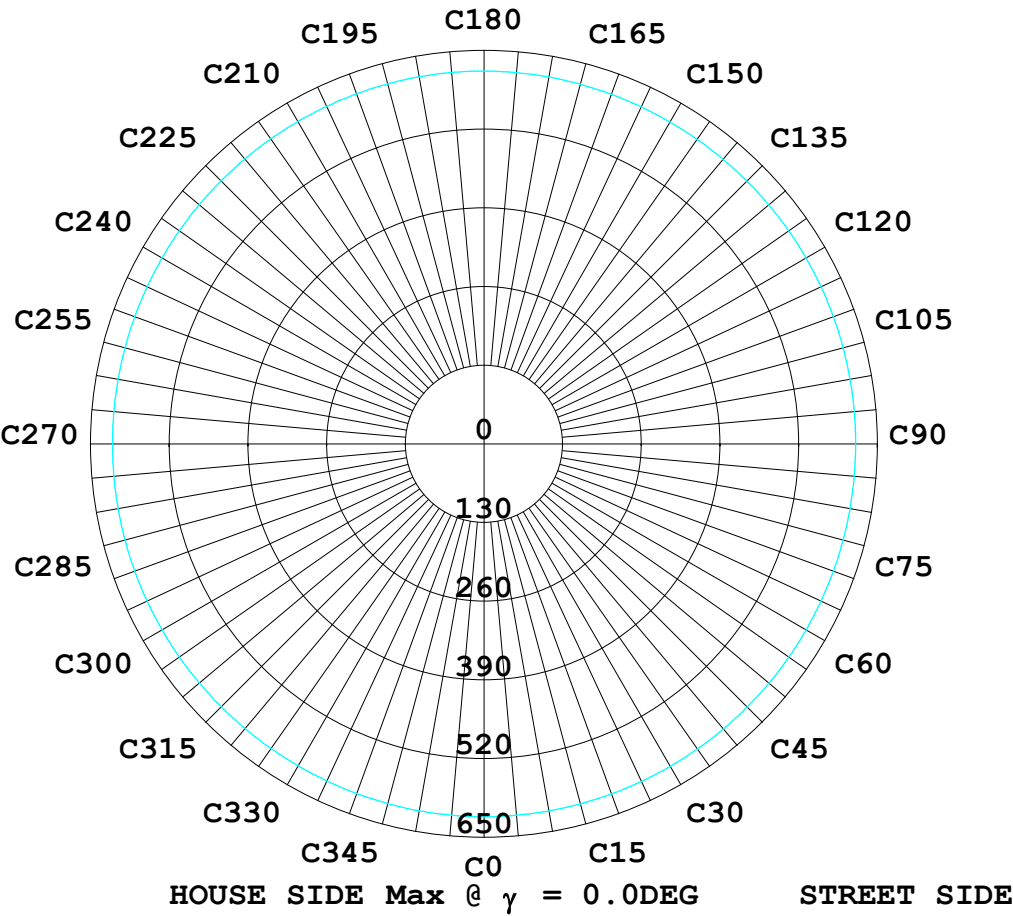
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 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:8.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 170	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-170 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	616	615	614	614	614	614	616	615	614	614	614	614
5.0	614	611	611	609	611	610	613	614	613	614	613	613
10.0	607	603	603	600	602	601	606	608	606	608	606	607
15.0	595	589	589	585	589	587	593	597	594	598	595	597
20.0	578	571	571	565	571	568	575	581	577	581	577	581
25.0	557	547	548	541	547	545	554	560	555	560	556	561
30.0	531	519	520	511	519	517	527	535	528	534	528	536
35.0	501	488	488	478	487	485	496	504	496	503	496	506
40.0	467	452	452	440	451	449	462	471	461	468	461	472
45.0	428	412	412	399	411	409	423	433	421	429	422	434
50.0	388	370	369	355	369	367	380	391	377	386	378	393
55.0	343	323	323	308	322	320	335	346	331	340	332	349
60.0	295	269	273	253	273	266	291	298	291	291	290	300
65.0	246	219	219	202	219	216	232	247	225	229	225	249
70.0	190	167	167	151	167	165	181	192	173	183	174	195
75.0	139	117	116	100	116	115	130	140	121	131	122	143
80.0	90.8	71.2	69.1	55.6	69.0	69.8	81.7	91.2	71.7	80.3	72.6	94.0
85.0	46.8	31.8	29.9	18.8	30.3	29.9	39.8	48.6	32.4	36.9	32.7	51.4
90.0	12.3	5.56	8.67	3.97	8.59	4.47	9.75	13.2	8.01	11.7	8.52	15.5

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:8.500 m
Remarks: 4000K