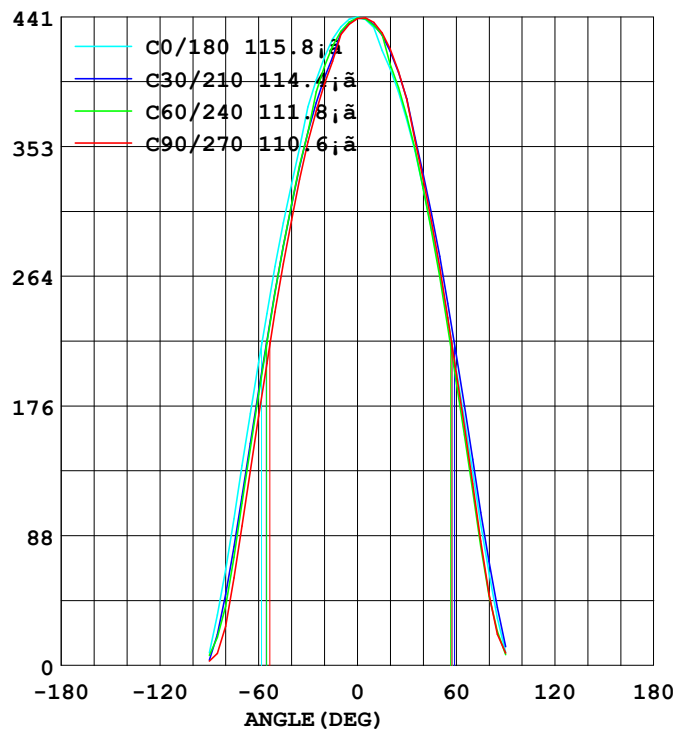


Report number:

DATA OF LAMP		I _{max} (cd)	440.6	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)	1265.9	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	107.3	Current (A)	0.110
NOMINAL FLUX(lm)	1265.9	η up (%)	0.0	Power (W)	11.80
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.541
TEST VOLTAGE (V)	219.6	Effective Flux(lm)	1243.5	EEl	0.128

LUMINOUS INTENSITY DISTRIBUTION



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

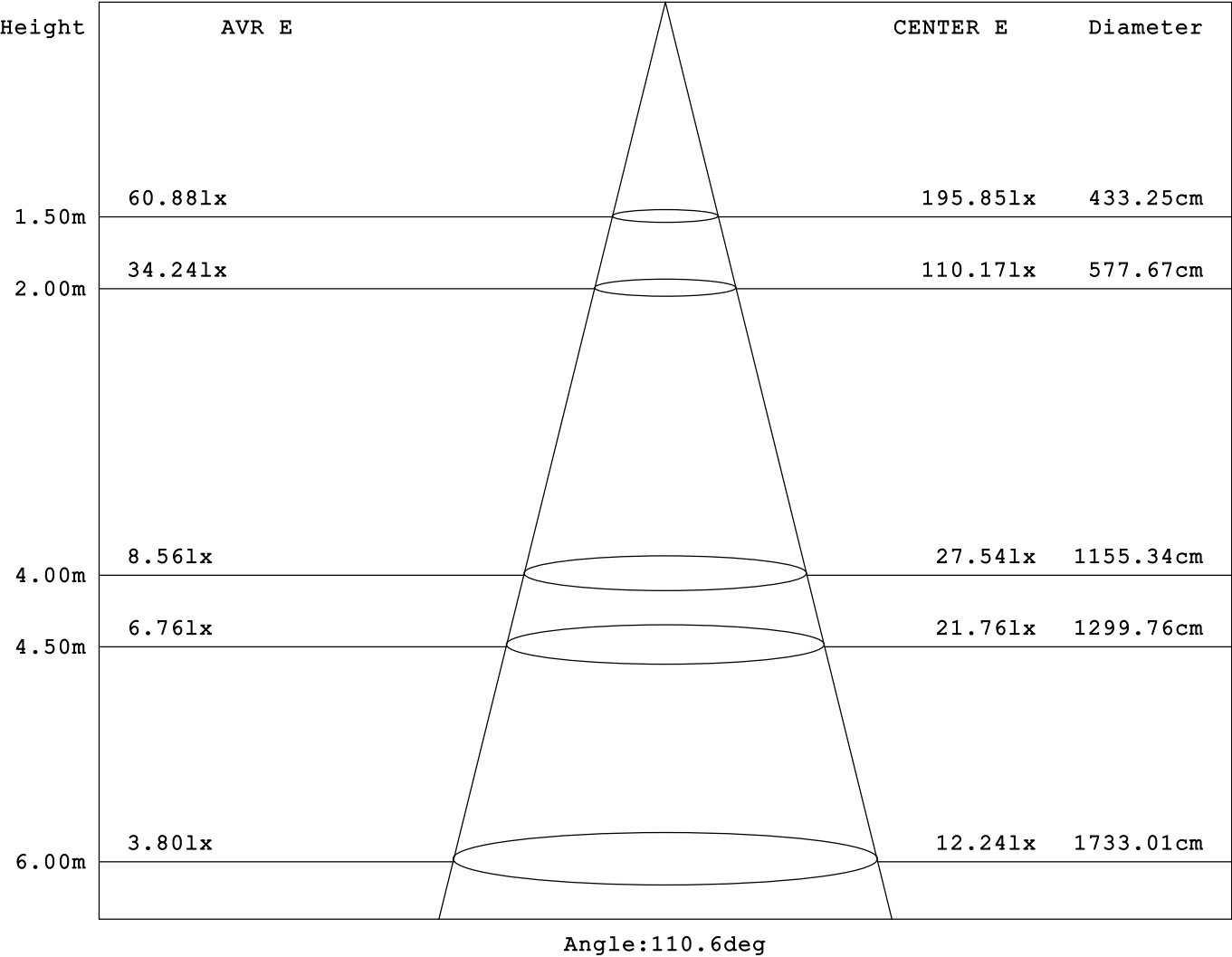
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

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: 5700K 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:10.500 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K 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	433.8	430.4	428.6	430.1	433.3	435.0	436.8	435.1	0- 10	41.65	41.65
20.0	413.3	403.3	395.2	403.2	405.2	412.8	418.8	412.8	10- 20	119.1	160.7
30.0	379.4	362.2	355.5	361.9	370.6	378.9	384.5	378.9	20- 30	180.4	341.2
40.0	327.1	313.1	302.4	313.8	324.3	329.2	330.6	328.8	30- 40	217.2	558.5
50.0	270.8	253.4	240.0	254.4	267.5	271.0	270.5	270.6	40- 50	225.9	784.4
60.0	206.0	185.4	169.4	186.7	201.6	202.5	199.6	202.1	50- 60	204.6	989.1
70.0	135.7	112.5	94.70	114.1	131.4	129.3	123.3	129.2	60- 70	156.3	1146
80.0	65.04	44.37	26.68	46.08	62.84	58.87	48.39	58.65	70- 80	90.53	1236
90.0	8.599	5.181	2.866	5.126	8.820	10.03	8.379	9.702	80- 90	29.80	1266
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:10.500 m
Remarks: 5700K

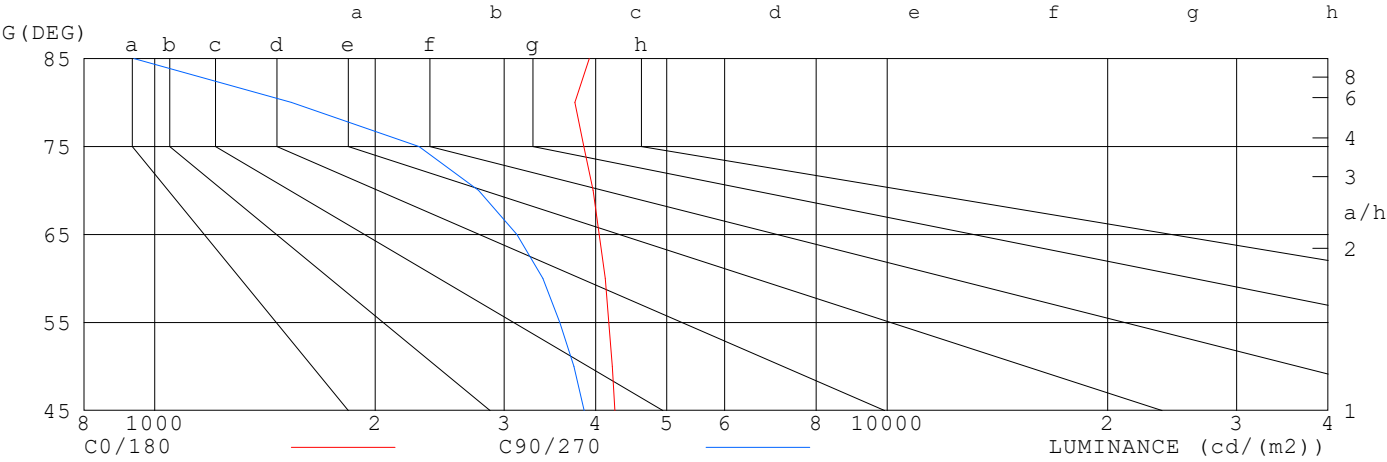
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 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	3921	936
80	3746	1536
75	3855	2296
70	3968	2769
65	4044	3123
60	4121	3389
55	4169	3575
50	4214	3734
45	4250	3857

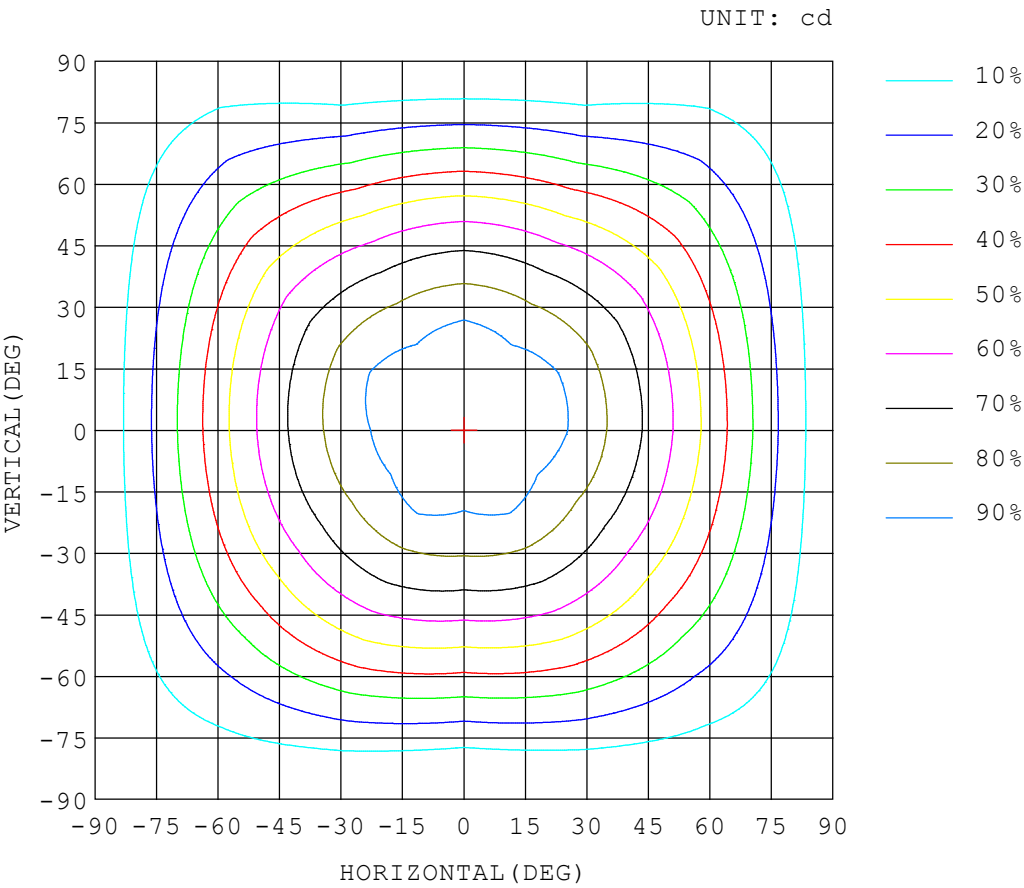
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:



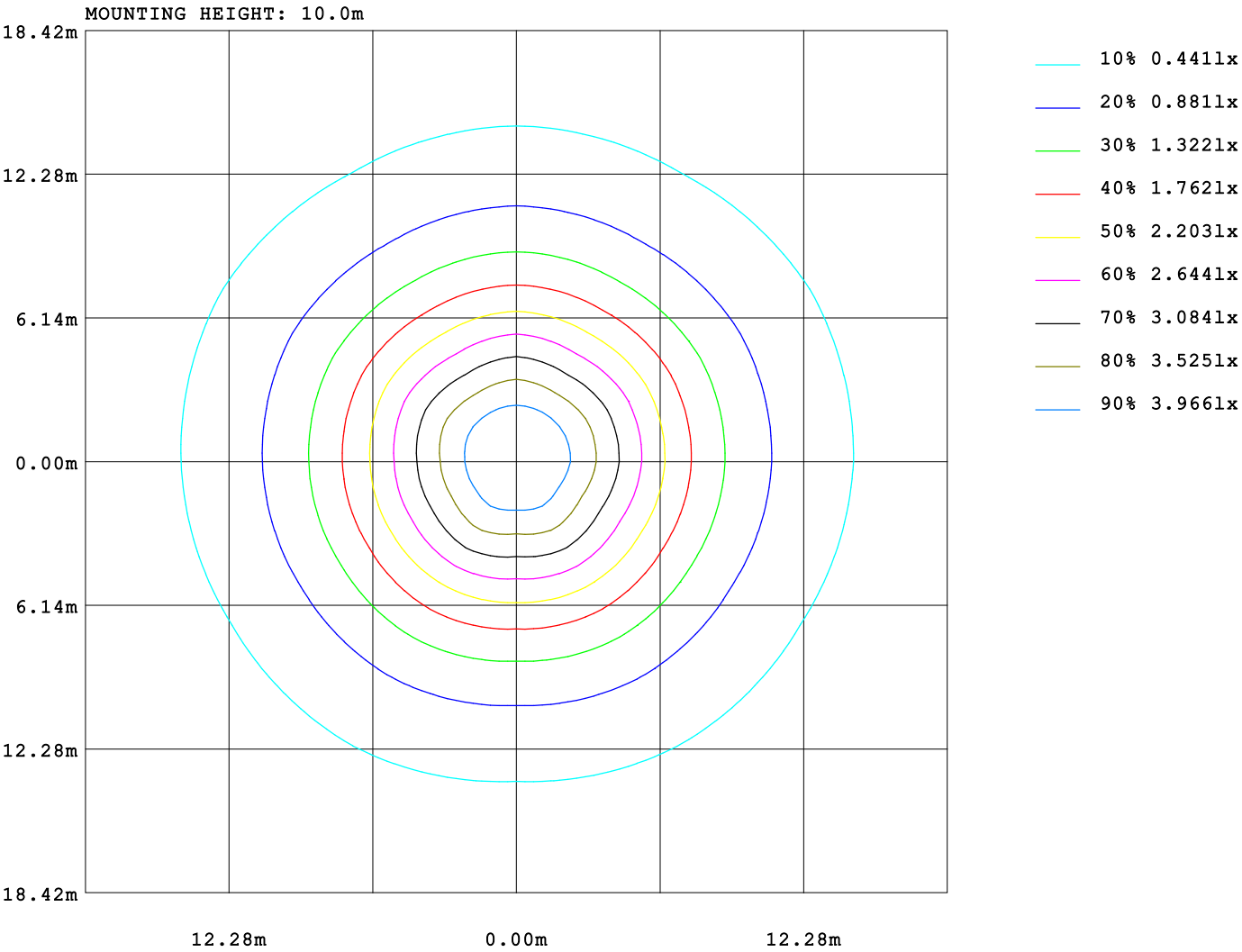
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K 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:10.500 m
Remarks: 5700K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019																				
NAME: ALINA 140										TYPE: 5700K 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	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90											
	0.03	0.14	0.30	0.46	0.55	0.59	0.64	0.71	0.75	0.75	0.71	0.63	0.58	0.54	0.45	0.30	0.14	0.03	8.29	0.35										
	0.05	0.24	0.60	1.02	1.37	1.67	1.98	2.33	2.54	2.54	2.33	1.98	1.67	1.37	1.01	0.60	0.25	0.05	23.6	22.3										
	0.06	0.35	0.92	1.67	2.41	3.13	3.81	4.45	4.84	4.84	4.45	3.80	3.13	2.41	1.66	0.92	0.36	0.06	43.3	42.9										
	0.07	0.46	1.23	2.33	3.49	4.61	5.61	6.51	7.05	7.05	6.51	5.60	4.61	3.49	2.33	1.24	0.47	0.08	62.8	62.6										
	0.09	0.57	1.53	2.93	4.48	5.97	7.27	8.36	9.02	9.02	8.35	7.26	5.96	4.47	2.94	1.55	0.58	0.09	80.5	80.3										
	0.10	0.65	1.79	3.41	5.32	7.12	8.68	9.89	10.6	10.6	9.89	8.67	7.11	5.31	3.43	1.81	0.67	0.10	95.3	95.2										
	0.11	0.72	1.98	3.78	5.90	8.01	9.81	11.1	12.0	12.0	11.1	9.80	8.00	5.91	3.81	2.01	0.74	0.11	107	107										
	0.11	0.77	2.11	4.02	6.25	8.52	10.6	12.0	12.8	12.8	12.0	10.6	8.54	6.28	4.06	2.15	0.79	0.12	115	115										
	0.11	0.79	2.17	4.12	6.39	8.70	10.7	12.3	13.2	13.2	12.4	10.9	8.78	6.45	4.18	2.21	0.82	0.12	118	118										
	0.11	0.78	2.14	4.07	6.31	8.58	10.5	12.1	13.1	13.1	12.2	10.7	8.65	6.37	4.12	2.19	0.81	0.12	116	116										
	0.11	0.74	2.04	3.87	6.01	8.18	10.1	11.7	12.5	12.5	11.7	10.1	8.19	6.05	3.91	2.07	0.77	0.11	111	111										
	0.10	0.68	1.86	3.55	5.51	7.52	9.36	10.7	11.4	11.4	10.7	9.35	7.51	5.52	3.57	1.89	0.70	0.11	102	102										
	0.09	0.60	1.63	3.10	4.83	6.66	8.32	9.51	10.0	10.0	9.49	8.29	6.64	4.81	3.11	1.65	0.62	0.09	89.5	89.3										
	0.08	0.51	1.35	2.55	4.02	5.57	6.96	7.90	8.28	8.27	7.87	6.93	5.53	4.00	2.54	1.36	0.51	0.08	74.3	74.1										
	0.07	0.40	1.04	1.95	3.08	4.28	5.34	6.01	6.26	6.25	5.98	5.30	4.24	3.05	1.92	1.03	0.40	0.07	56.7	56.4										
	0.05	0.29	0.72	1.32	2.07	2.86	3.54	3.94	4.06	4.05	3.92	3.50	2.82	2.03	1.29	0.71	0.29	0.06	37.5	36.9										
	0.04	0.18	0.41	0.72	1.09	1.46	1.76	1.90	1.88	1.87	1.87	1.72	1.42	1.05	0.70	0.40	0.18	0.04	18.7	14.3										
	0.03	0.09	0.16	0.25	0.37	0.47	0.52	0.48	0.40	0.39	0.46	0.49	0.45	0.35	0.24	0.16	0.09	0.03	5.43	0.00										
HORIZONTAL (DEG)																					20	30	40	50	60	70	80	90		
Φ t	1.40	8.96	24.0	45.1	69.5	93.9	116	132	141	141	132	116	93.9	69.5	45.3	24.3	9.18	1.46	1266											
Φ a	0.47	7.81	22.9	44.0	68.3	92.6	114	131	140	140	131	114	92.5	68.3	44.2	23.2	8.04	0.53		1244										

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

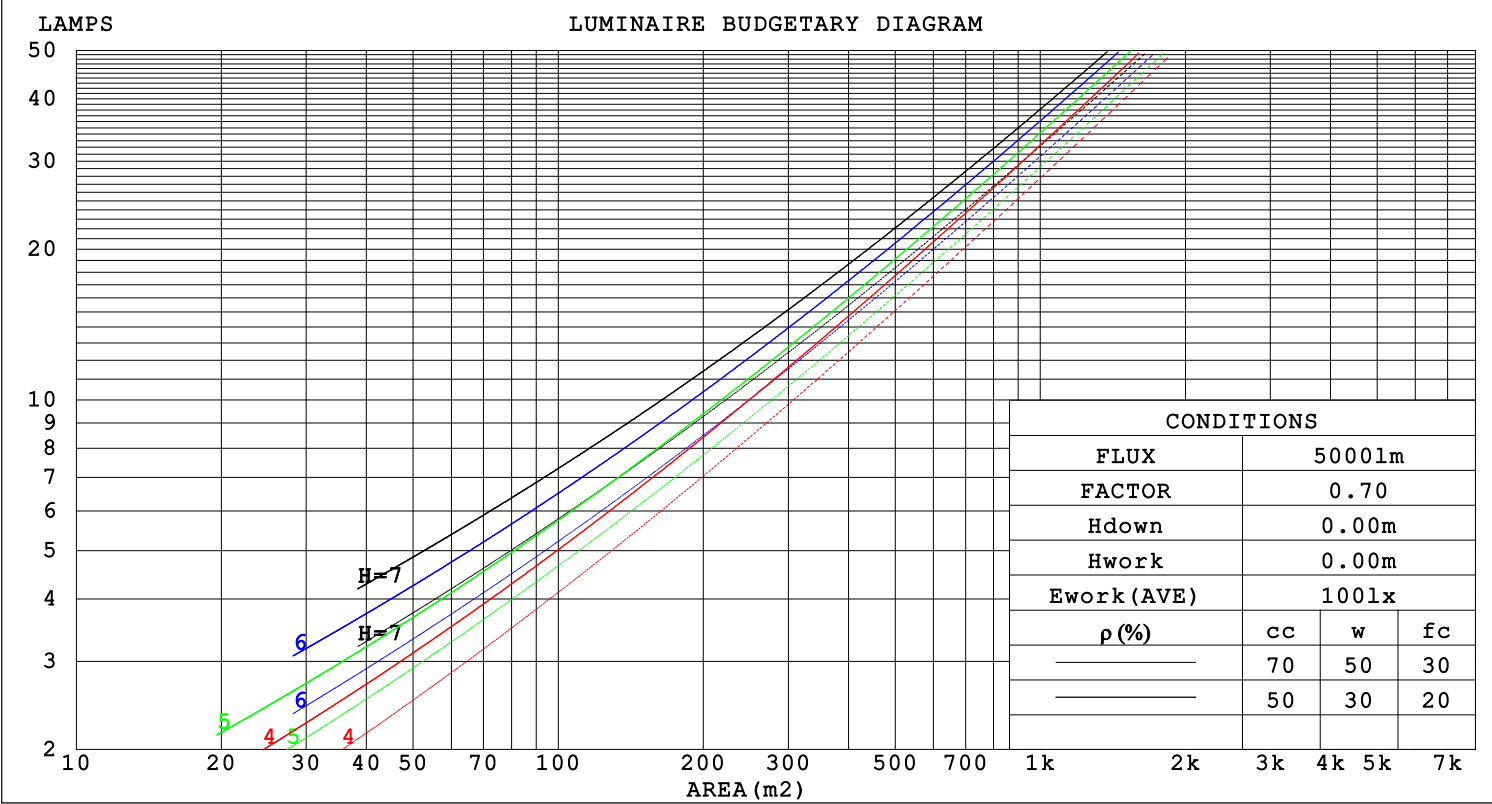
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019															
NAME: ALINA 140								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: HC POWER 300 MA								DIMENSION: D-140 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
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	1.04	.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 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:10.500 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019															
NAME: ALINA 140								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: HC POWER 300 MA								DIMENSION: D-140 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	.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	

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	.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:10.500 m
Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019											
NAME: ALINA 140					TYPE: 5700K 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		17.7	19.2	18.0	19.4	19.6	17.2	18.7	17.4	18.9	19.1
	3H	19.3	20.7	19.6	21.0	21.2	18.4	19.8	18.7	20.1	20.3
	4H	20.0	21.4	20.3	21.6	21.9	18.8	20.2	19.1	20.4	20.7
	6H	20.6	21.8	20.9	22.1	22.4	18.9	20.2	19.3	20.5	20.8
	8H	20.8	22.0	21.1	22.3	22.6	18.9	20.1	19.3	20.4	20.7
	12H	20.9	22.1	21.3	22.4	22.7	18.9	20.1	19.2	20.4	20.7
4H	2H	18.2	19.6	18.5	19.8	20.1	17.8	19.2	18.1	19.4	19.7
	3H	20.0	21.2	20.3	21.5	21.8	19.3	20.5	19.6	20.7	21.1
	4H	20.8	21.9	21.2	22.2	22.5	19.8	20.8	20.1	21.2	21.5
	6H	21.5	22.4	21.9	22.8	23.1	20.0	20.9	20.4	21.3	21.7
	8H	21.7	22.6	22.1	23.0	23.4	20.0	20.9	20.4	21.2	21.6
	12H	21.9	22.8	22.4	23.1	23.5	20.0	20.8	20.4	21.2	21.6
8H	4H	21.0	21.9	21.4	22.2	22.6	20.0	20.9	20.4	21.3	21.7
	6H	21.7	22.5	22.2	22.9	23.3	20.4	21.1	20.8	21.5	21.9
	8H	22.1	22.7	22.5	23.2	23.6	20.4	21.1	20.9	21.5	22.0
	12H	22.4	22.9	22.8	23.4	23.9	20.5	21.1	21.0	21.5	22.0
12H	4H	21.0	21.8	21.4	22.2	22.6	20.0	20.9	20.5	21.2	21.6
	6H	21.8	22.4	22.2	22.8	23.3	20.4	21.1	20.9	21.5	22.0
	8H	22.1	22.7	22.6	23.1	23.6	20.5	21.1	21.0	21.5	22.0
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		+ 0.2 / - 0.3					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 1266 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.8)

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:10.500 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI, 301019		
NAME: ALINA 140	TYPE: 5700K 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		

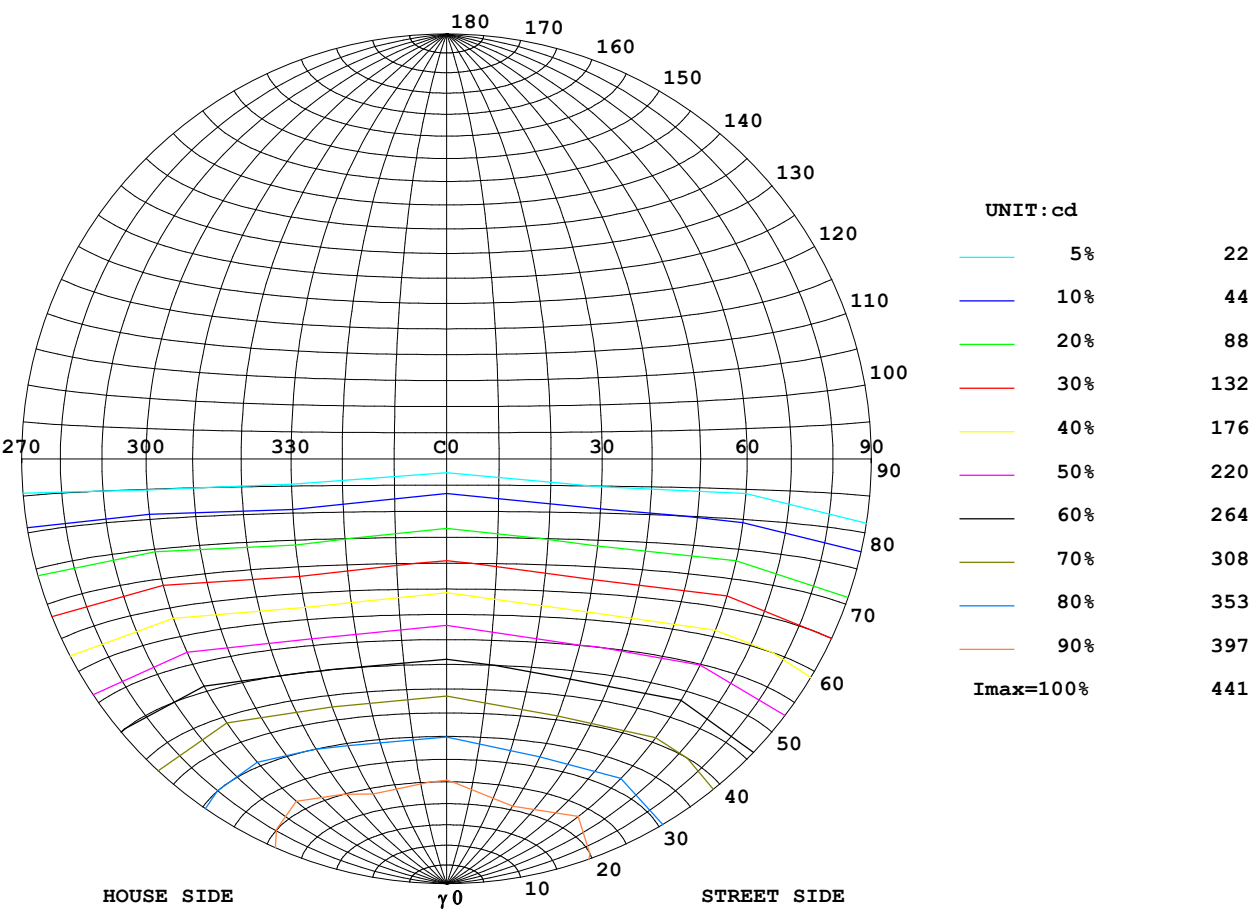
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-30-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.500 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K 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

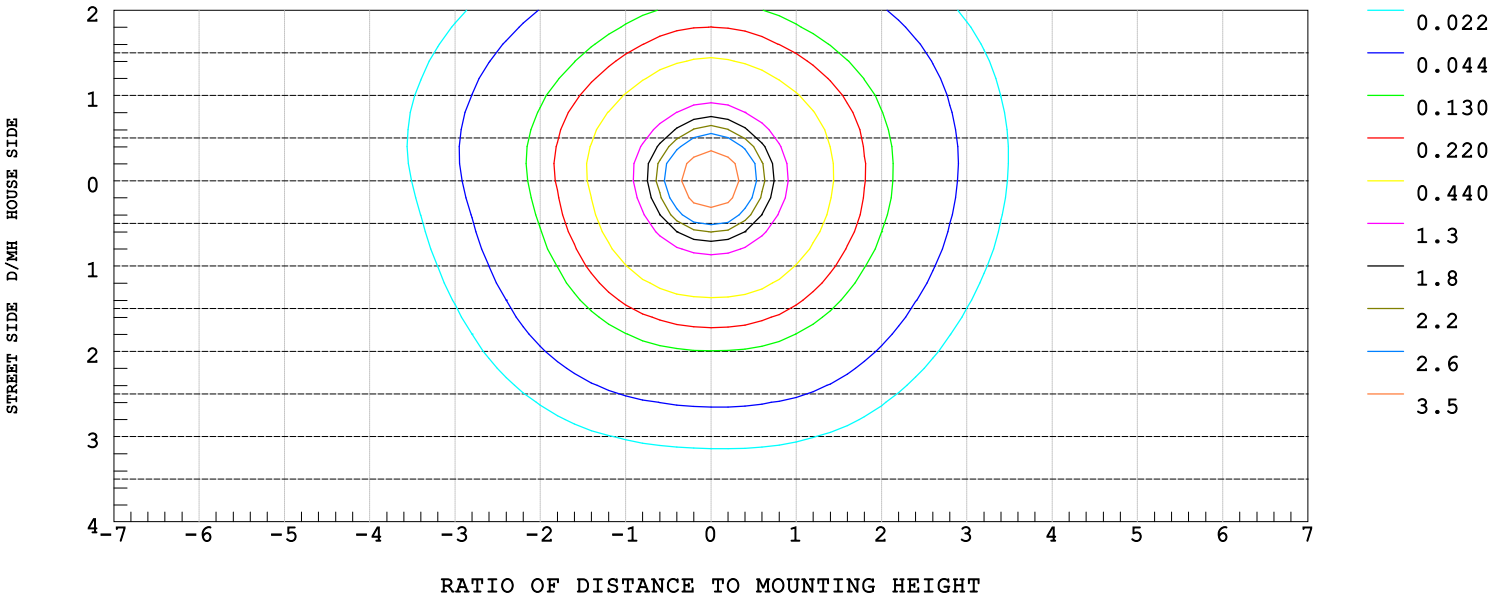
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: HC POWER 300 MA	DIMENSION: D-140 H-40 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 4.41 lx



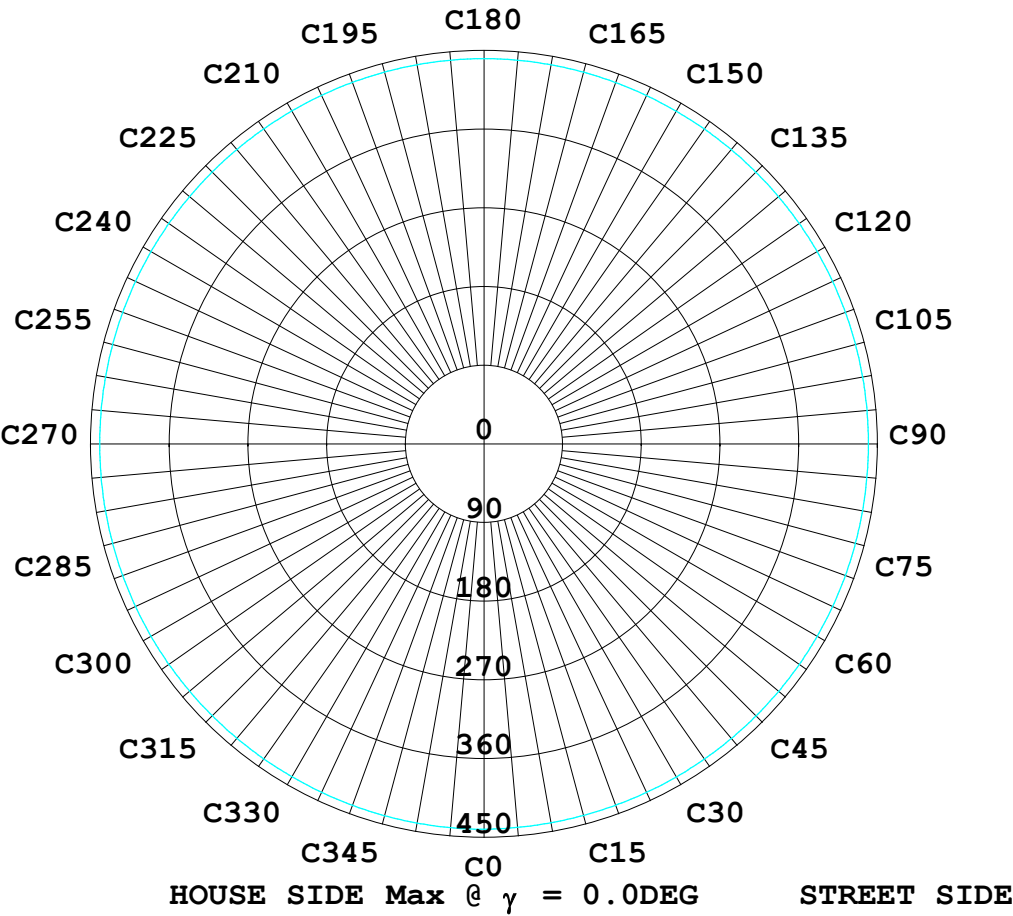
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K 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:10.500 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 140	TYPE: 5700K 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	441	440	440	440	440	440	441	440	440	440	440	440
5.0	439	437	437	435	437	436	439	439	439	440	439	439
10.0	434	430	431	429	431	430	433	435	435	437	435	435
15.0	426	413	421	410	421	413	418	428	429	430	429	428
20.0	413	400	407	395	407	399	405	417	408	419	408	417
25.0	398	382	390	377	390	382	390	403	393	404	392	403
30.0	379	362	362	356	362	362	371	385	373	385	373	385
35.0	352	339	340	330	341	339	349	358	351	356	350	358
40.0	327	313	313	302	314	313	324	334	324	331	324	334
45.0	301	285	285	273	286	285	297	307	295	302	295	307
50.0	271	254	253	240	254	254	268	278	264	271	264	278
55.0	239	221	219	205	221	221	235	246	230	236	229	246
60.0	206	187	184	169	186	188	202	212	193	200	193	211
65.0	171	151	147	132	149	152	167	177	157	162	156	177
70.0	136	115	110	94.7	112	116	131	140	119	123	118	140
75.0	99.7	80.5	73.6	59.4	75.4	82.1	96.0	104	80.9	84.5	81.0	104
80.0	65.0	48.3	40.3	26.6	42.1	50.0	62.8	70.5	47.1	48.3	47.0	70.2
85.0	34.1	21.0	18.9	8.15	20.0	22.3	31.9	39.4	23.1	21.2	23.0	39.1
90.0	8.59	3.52	6.83	2.86	6.94	3.30	8.82	12.7	7.27	8.37	7.05	12.3

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:10.500 m
Remarks: 5700K