

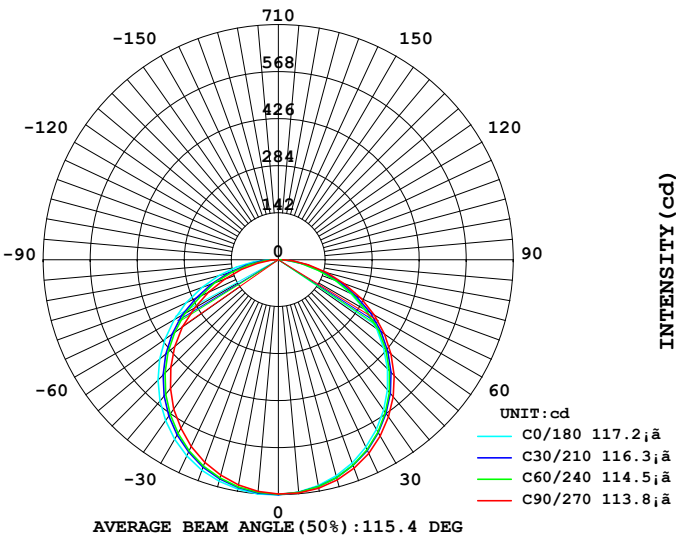
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

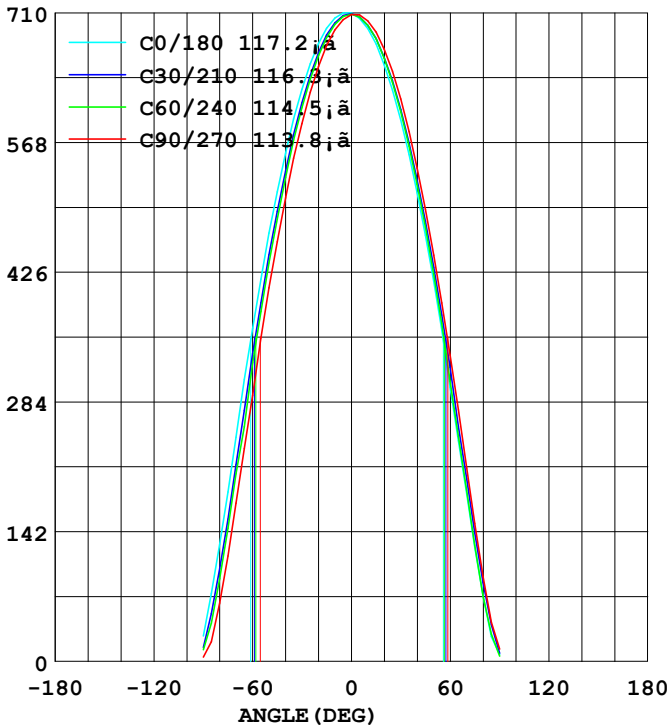
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	709.6	S/MH (C0/180)	1.31
MODEL	ALINA 220	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	25	TOTAL FLUX (lm)	2084.5	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	83.2	Current (A)	0.193
NOMINAL FLUX (lm)	2084.6	η up (%)	0.0	Power (W)	25.04
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.523
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	2046.9	EEI	0.167

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:9.000 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:

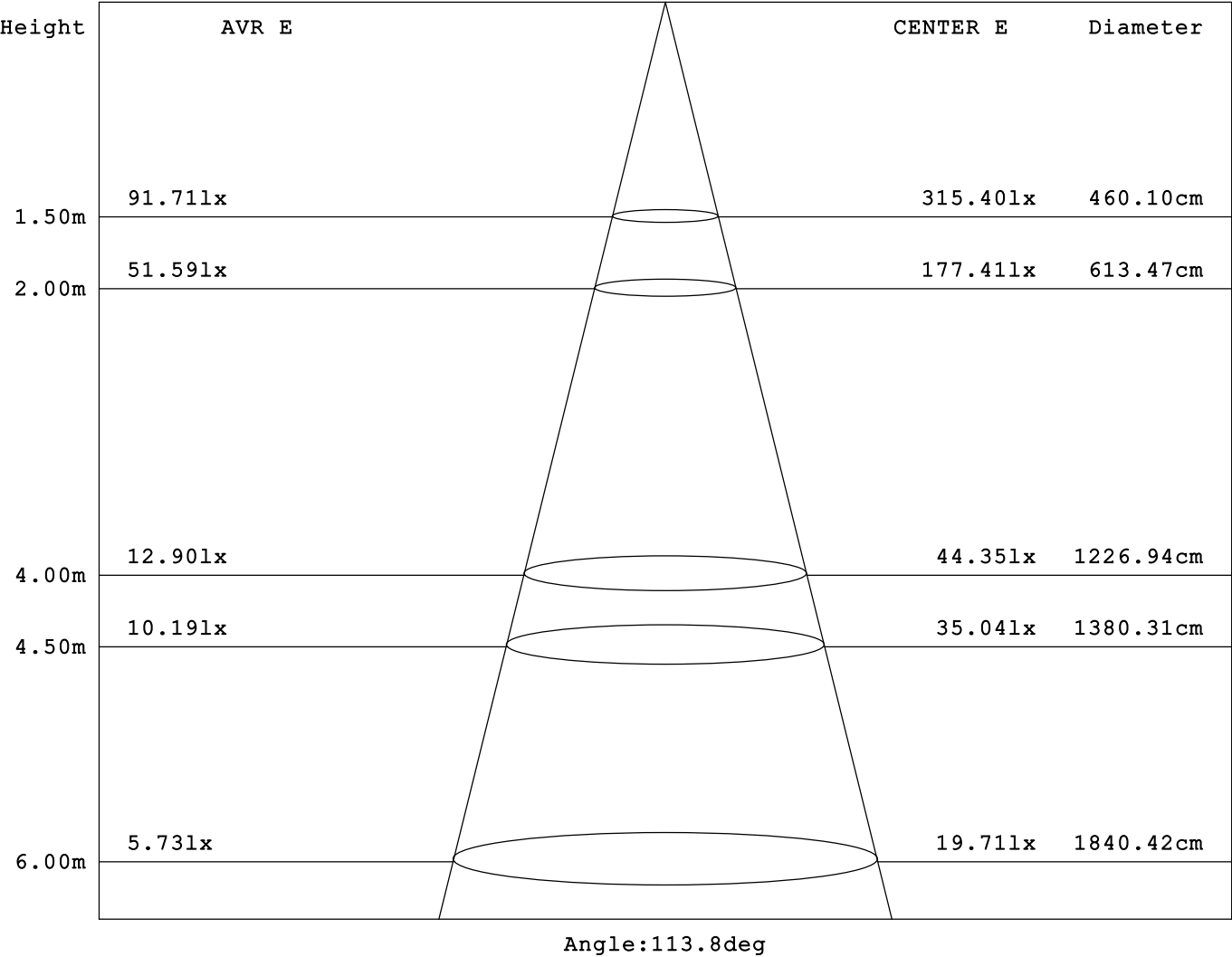
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 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:9.000 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	703.8	697.8	690.9	689.8	692.2	695.8	700.6	702.7	0- 10	67.05	67.05
20.0	676.1	664.5	651.1	649.3	652.6	660.3	669.8	674.5	10- 20	192.6	259.6
30.0	625.7	608.3	588.4	586.7	592.1	602.4	615.2	623.2	20- 30	293.3	553.0
40.0	555.9	533.0	506.9	505.7	512.8	524.3	539.7	550.9	30- 40	356.1	909.2
50.0	468.5	440.4	408.8	408.2	415.6	427.3	444.5	459.3	40- 50	372.6	1282
60.0	364.3	331.7	291.0	293.5	300.2	314.1	335.0	352.7	50- 60	340.0	1622
70.0	245.2	210.0	173.2	174.1	183.1	193.2	211.7	230.6	60- 70	259.7	1882
80.0	128.4	95.94	63.90	65.52	71.92	78.93	92.90	112.2	70- 80	152.4	2034
90.0	27.78	14.05	4.698	7.452	7.371	7.330	13.44	22.72	80- 90	50.43	2085
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

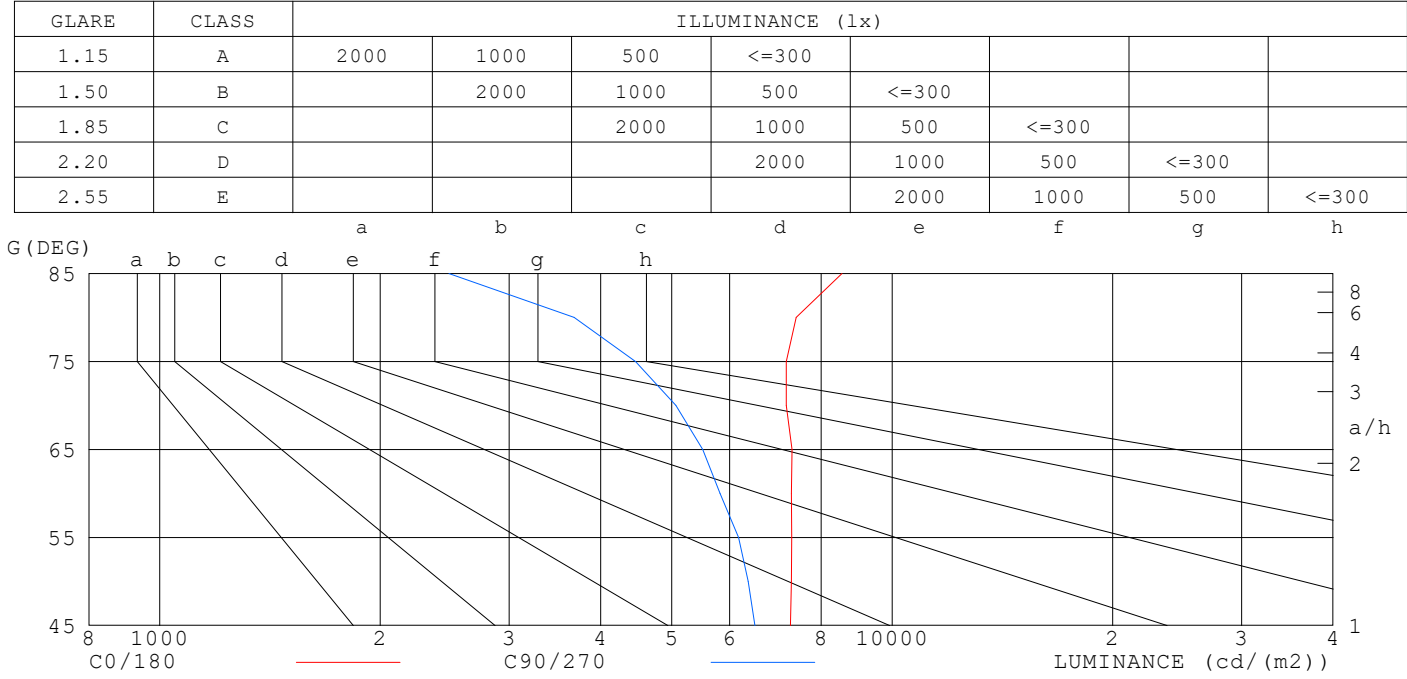
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	8541	2481
80	7398	3680
75	7167	4463
70	7171	5066
65	7302	5512
60	7287	5821
55	7293	6171
50	7289	6361
45	7266	6495

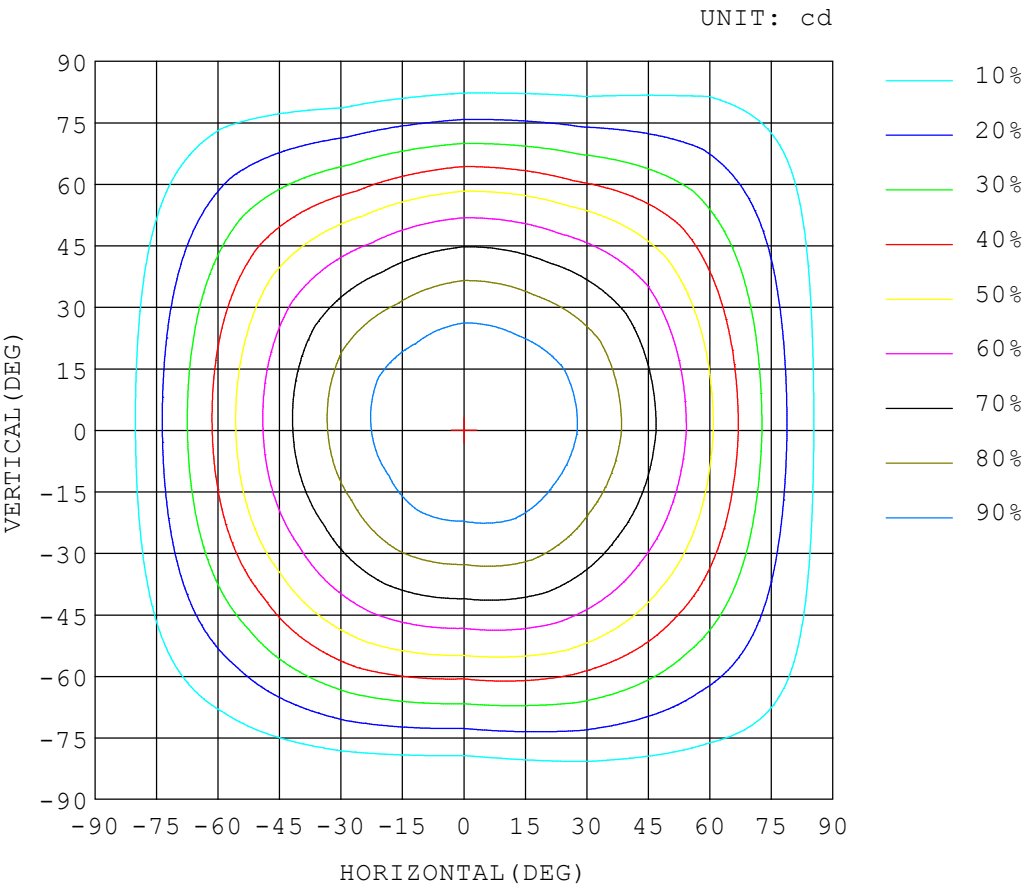
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:



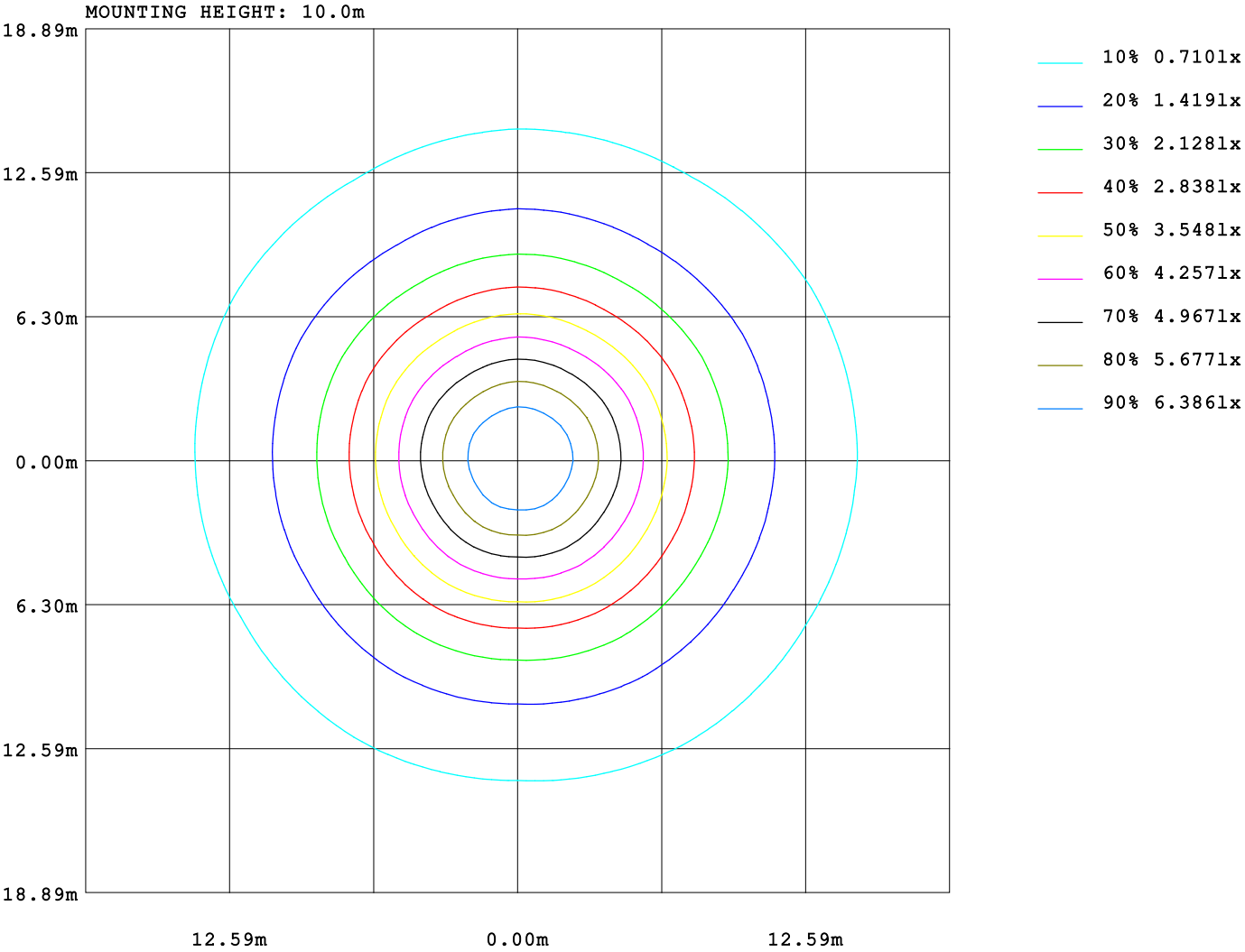
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 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:9.000 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019																				
NAME: ALINA 220										TYPE: 4000K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-220 H-40 MM					SERIAL No.:					

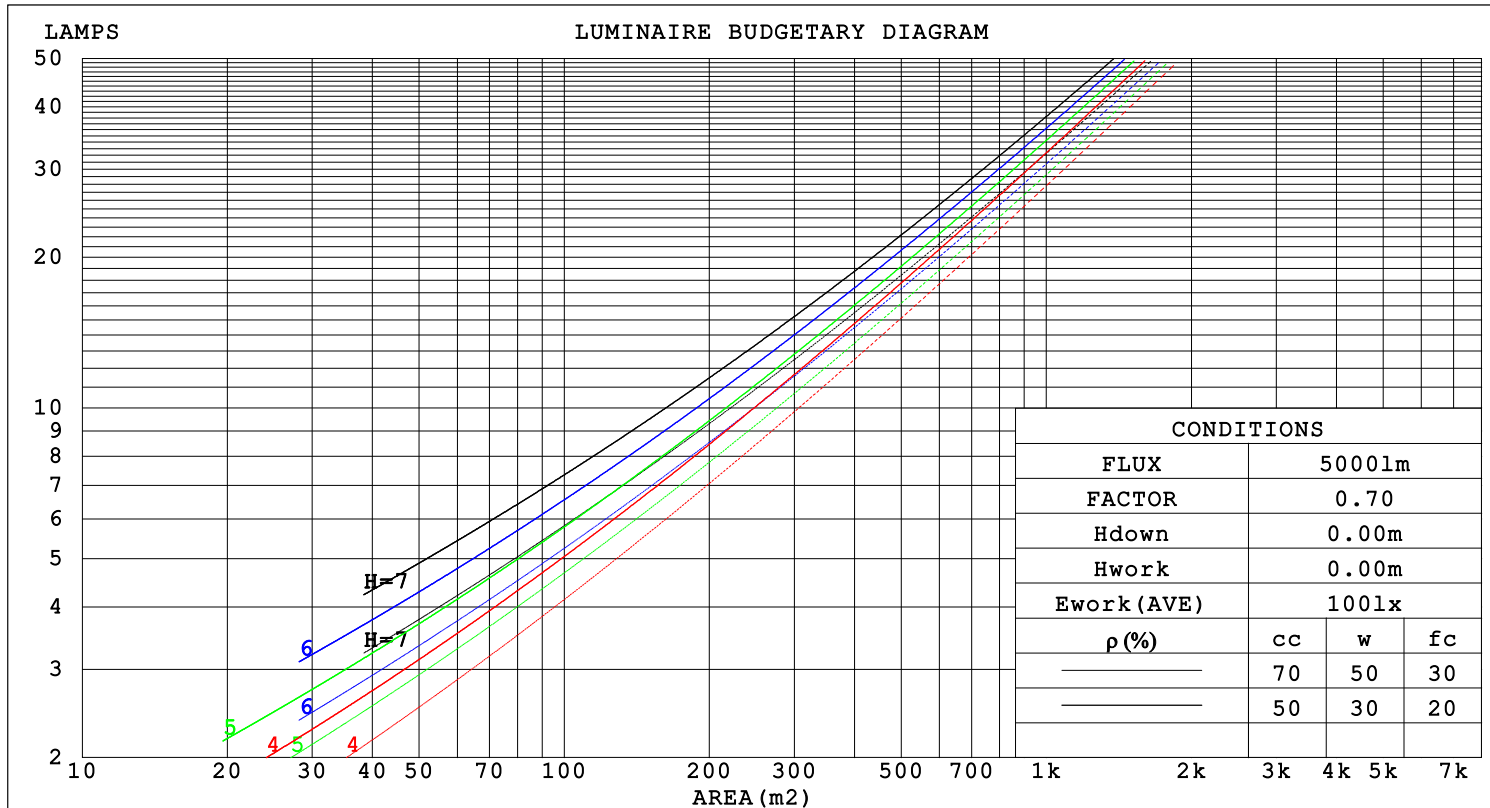
90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.12	0.27	0.45	0.60	0.73	0.91	1.16	1.37	1.46	1.40	1.26	1.17	1.09	0.93	0.64	0.33	0.09	14.0	2.86		
80	0.04	0.23	0.65	1.24	1.86	2.48	3.16	3.91	4.44	4.58	4.30	3.77	3.19	2.59	1.91	1.16	0.52	0.12	40.2	37.5		
70	0.05	0.37	1.13	2.26	3.52	4.80	6.05	7.28	8.11	8.26	7.72	6.73	5.61	4.35	3.02	1.71	0.72	0.14	71.8	71.1		
60	0.07	0.53	1.63	3.31	5.20	7.15	8.96	10.6	11.6	11.8	11.0	9.72	8.05	6.13	4.14	2.27	0.92	0.17	103	103		
50	0.08	0.69	2.11	4.26	6.84	9.39	11.6	13.5	14.7	14.8	13.9	12.3	10.2	7.78	5.17	2.79	1.09	0.19	132	132		
40	0.10	0.83	2.52	5.10	8.20	11.2	13.8	15.9	17.2	17.4	16.4	14.5	12.0	9.12	6.02	3.24	1.25	0.21	155	155		
30	0.11	0.94	2.84	5.74	9.16	12.6	15.6	17.8	19.2	19.4	18.3	16.2	13.4	10.0	6.65	3.60	1.37	0.23	174	173		
VERTICAL (DEG)	0.11	1.00	3.05	6.15	9.77	13.4	16.7	19.1	20.5	20.7	19.6	17.4	14.3	10.7	7.08	3.85	1.46	0.24	186	185		
	0.12	1.04	3.14	6.32	10.0	13.8	17.2	19.7	21.2	21.3	20.2	17.9	14.7	11.0	7.29	3.97	1.50	0.25	191	191		
	0.12	1.03	3.11	6.25	9.93	13.6	17.0	19.5	21.0	21.2	20.0	17.7	14.6	10.9	7.23	3.93	1.49	0.24	189	189		
	0.11	0.98	2.96	5.95	9.48	13.0	16.2	18.8	20.2	20.4	19.3	17.0	13.9	10.4	6.90	3.75	1.43	0.24	181	181		
-30	0.10	0.89	2.69	5.41	8.69	12.0	15.1	17.5	18.7	18.8	17.9	15.8	12.9	9.64	6.36	3.44	1.32	0.22	168	168		
-40	0.09	0.76	2.33	4.67	7.58	10.6	13.4	15.5	16.5	16.7	15.9	14.1	11.5	8.54	5.60	3.03	1.18	0.20	149	148		
-50	0.07	0.62	1.88	3.79	6.22	8.89	11.2	12.9	13.8	13.9	13.4	11.9	9.74	7.18	4.65	2.54	1.01	0.18	124	124		
-60	0.06	0.46	1.38	2.81	4.70	6.77	8.68	9.98	10.6	10.7	10.4	9.32	7.55	5.54	3.61	2.00	0.82	0.16	95.7	95.1		
-70	0.05	0.29	0.89	1.82	3.08	4.48	5.76	6.62	7.04	7.15	6.96	6.30	5.21	3.87	2.53	1.44	0.63	0.13	64.3	63.2		
-80	0.04	0.16	0.43	0.90	1.55	2.27	2.92	3.34	3.55	3.67	3.71	3.47	2.93	2.21	1.50	0.90	0.43	0.11	34.1	29.8		
-90	0.02	0.09	0.16	0.26	0.44	0.65	0.81	0.87	0.87	0.94	1.05	1.09	1.00	0.83	0.62	0.43	0.26	0.08	10.4	0.33		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	1.35	11.0	33.2	66.7	107	148	185	215	231	234	222	197	162	122	81.2	44.7	17.7	3.20	2085			
Φ a	0.00	8.69	31.2	64.7	105	146	183	213	229	232	220	195	161	120	79.6	43.2	16.2	1.84		2047		

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:9.000 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: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: ALINA 220								TYPE: 4000K CRI-90				WEIGHT:			
SPECIFICATION:								DIMENSION: D-220 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	.318	.181	.057	.311	.177	.056	.297	.171	.054	.285	.164	.053	.274	.159	.051	
2.0	.297	.163	.050	.291	.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	.119	.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	.011	.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: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: ALINA 220					TYPE: 4000K CRI-90			WEIGHT:			
SPECIFICATION:					DIMENSION: D-220 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	19.9	21.4	20.2	21.6	21.9	19.2	20.8	19.5	21.0	21.2
	3H	21.6	23.1	21.9	23.3	23.5	20.6	22.0	20.9	22.3	22.5
	4H	22.4	23.8	22.7	24.0	24.3	21.1	22.5	21.4	22.7	23.0
	6H	23.1	24.3	23.4	24.6	24.9	21.4	22.7	21.7	22.9	23.2
	8H	23.3	24.6	23.7	24.8	25.1	21.4	22.6	21.8	22.9	23.2
	12H	23.6	24.7	23.9	25.0	25.3	21.4	22.6	21.8	22.9	23.2
4H	2H	20.5	21.8	20.8	22.1	22.3	19.9	21.3	20.2	21.5	21.8
	3H	22.3	23.5	22.7	23.8	24.1	21.5	22.7	21.9	23.0	23.3
	4H	23.2	24.3	23.6	24.6	25.0	22.2	23.3	22.5	23.6	23.9
	6H	24.0	25.0	24.4	25.4	25.7	22.6	23.5	23.0	23.9	24.3
	8H	24.4	25.3	24.8	25.6	26.0	22.6	23.5	23.0	23.9	24.3
	12H	24.7	25.5	25.1	25.9	26.3	22.7	23.5	23.1	23.9	24.3
8H	4H	23.5	24.4	23.9	24.7	25.1	22.5	23.4	22.9	23.8	24.2
	6H	24.4	25.2	24.8	25.6	26.0	23.1	23.8	23.5	24.2	24.7
	8H	24.8	25.5	25.3	25.9	26.4	23.2	23.9	23.7	24.3	24.8
	12H	25.2	25.8	25.7	26.2	26.7	23.3	23.9	23.8	24.4	24.8
12H	4H	23.5	24.3	23.9	24.7	25.1	22.6	23.4	23.0	23.8	24.2
	6H	24.4	25.1	24.9	25.5	26.0	23.2	23.8	23.6	24.3	24.7
	8H	24.9	25.5	25.4	25.9	26.4	23.4	23.9	23.8	24.4	24.9
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.2					+ 0.3 / - 0.4				
2.0H		+ 0.2 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117 Corrected 2085 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.6)

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:9.000 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 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	90	84	96	89	83	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	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		

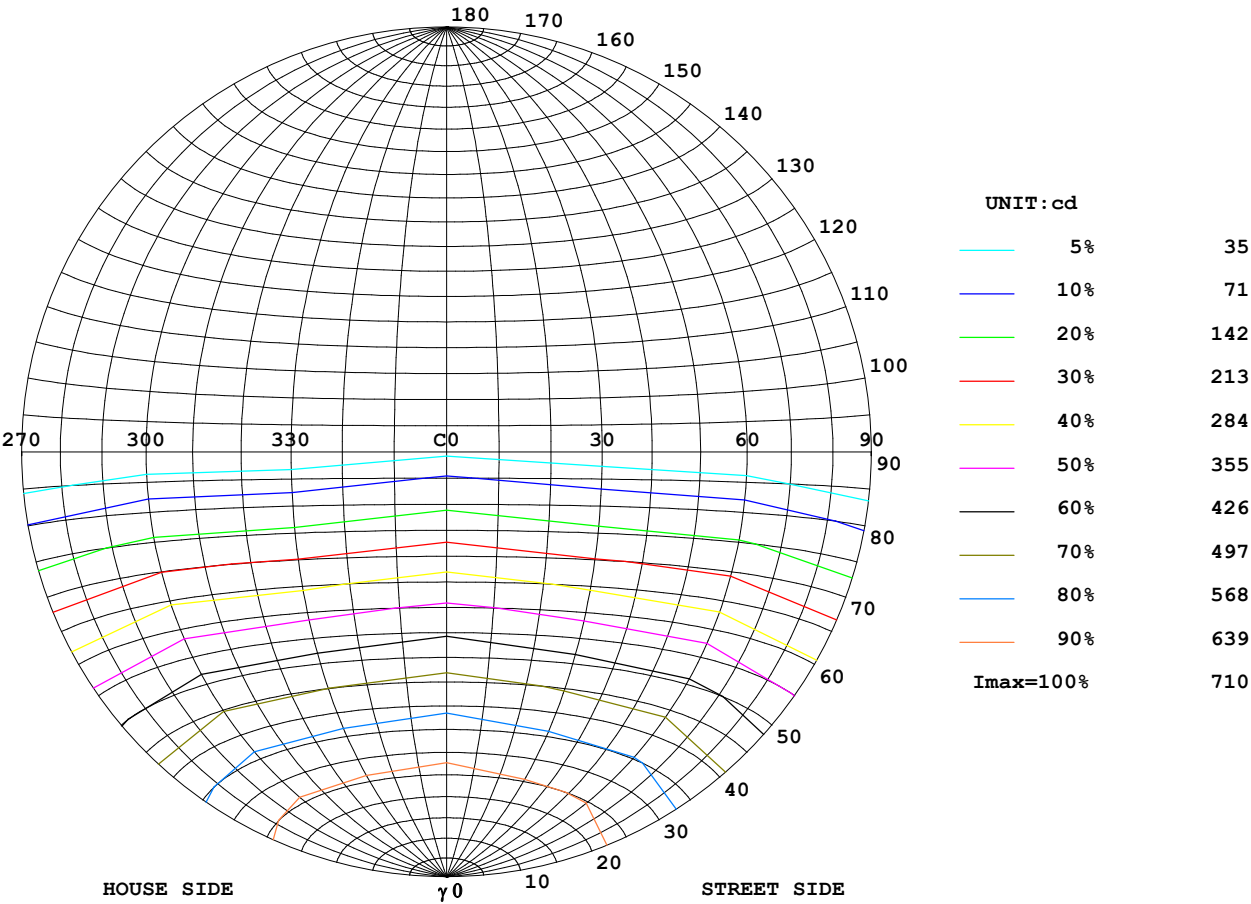
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-30-2025

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: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:



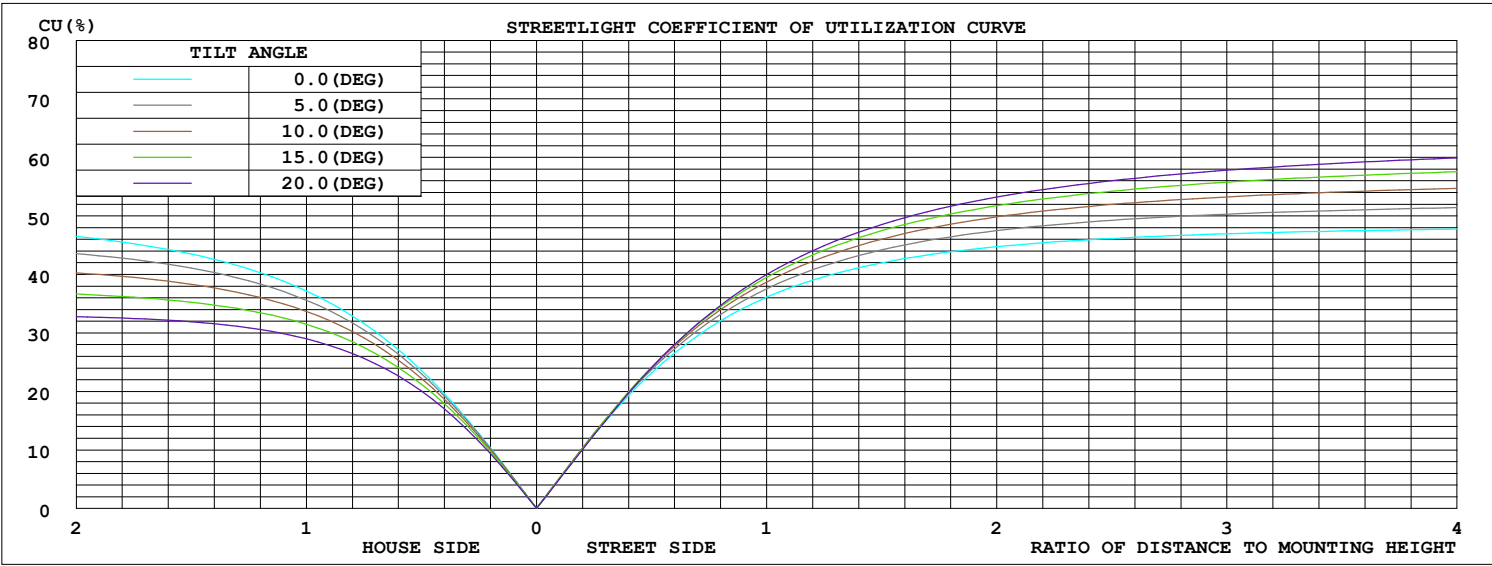
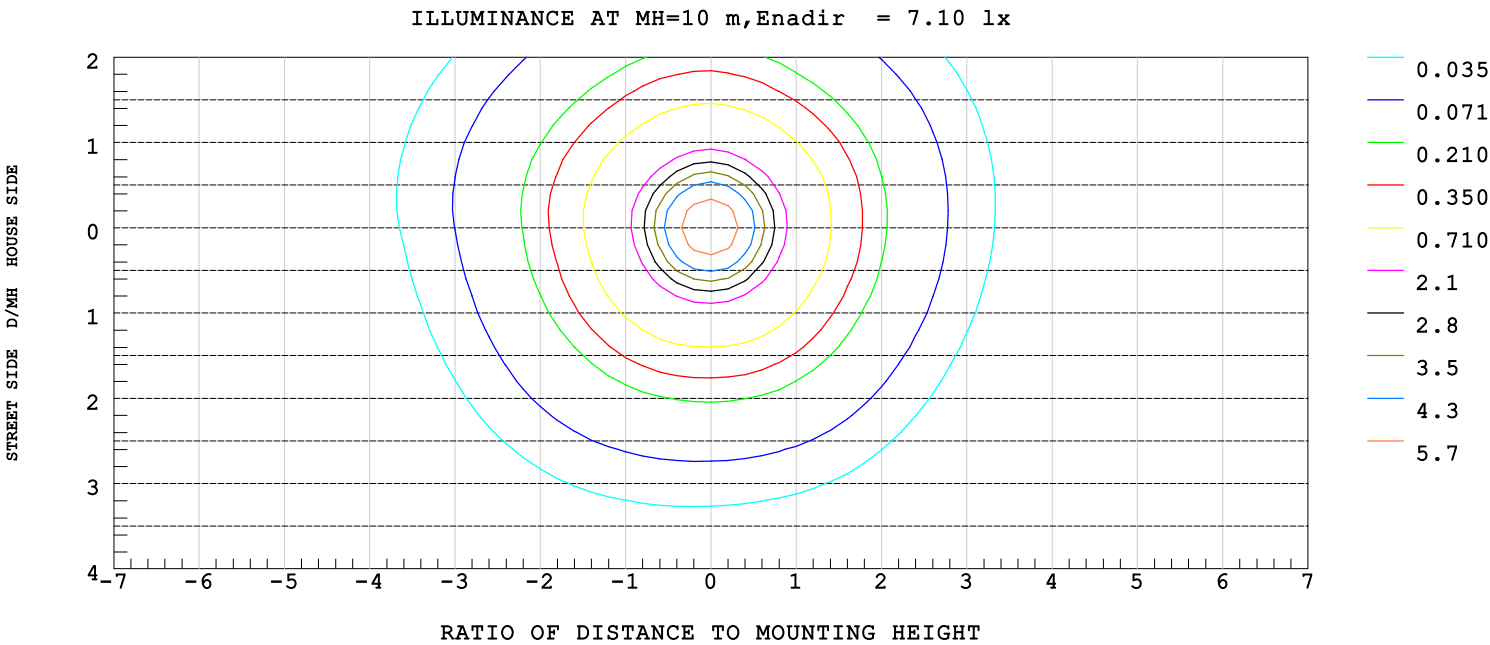
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:



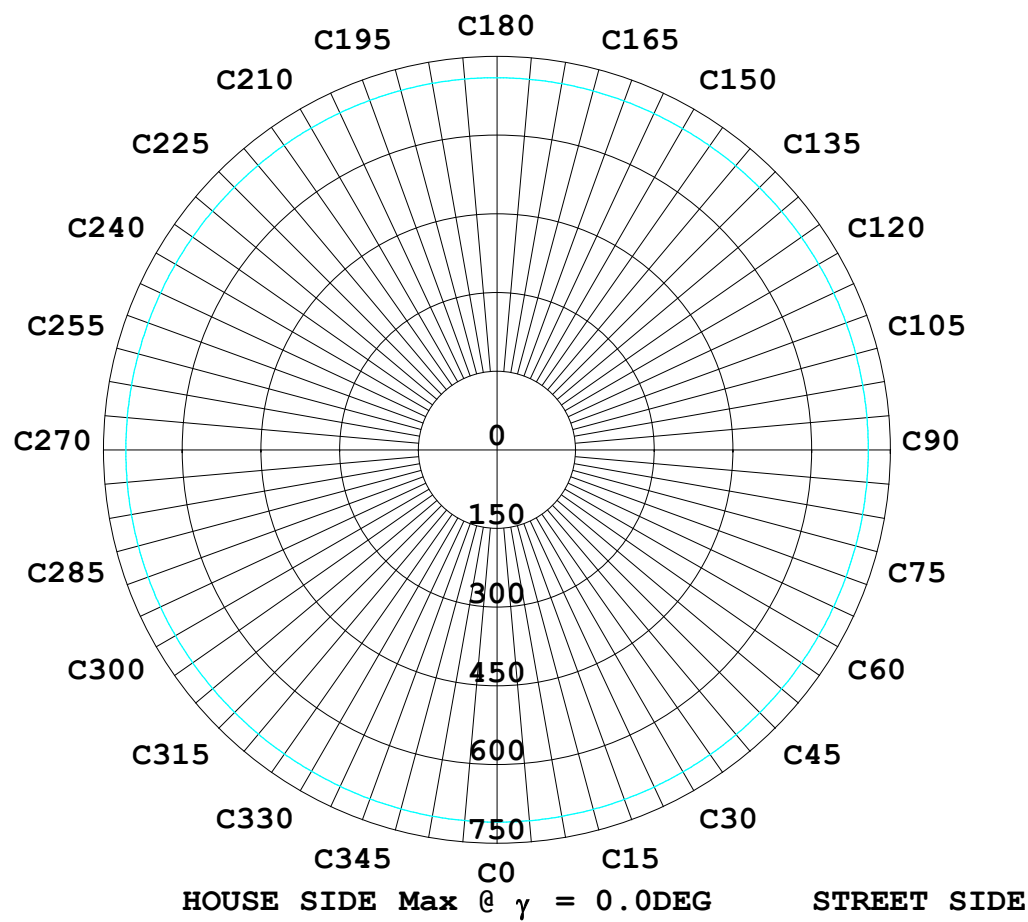
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 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:9.000 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 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	710	709	708	708	708	707	710	709	708	708	708	707
5.0	710	707	706	702	703	700	704	705	705	707	708	709
10.0	704	699	697	691	692	688	692	696	696	701	701	704
15.0	693	685	683	674	675	670	675	681	681	689	689	694
20.0	676	666	663	651	653	646	653	661	660	670	671	678
25.0	654	641	637	623	624	617	625	635	634	646	647	657
30.0	626	611	606	588	591	583	592	604	601	615	617	630
35.0	594	577	570	550	553	544	554	567	564	579	581	597
40.0	556	537	529	507	511	501	513	527	522	540	542	560
45.0	514	492	484	459	463	453	466	481	475	494	497	518
50.0	469	445	436	409	414	403	416	431	424	445	447	472
55.0	418	392	383	354	359	348	363	379	370	392	395	422
60.0	364	337	327	291	302	285	300	322	306	335	338	367
65.0	309	275	257	233	240	228	241	257	246	275	273	310
70.0	245	215	205	173	180	168	183	200	187	212	214	247
75.0	185	156	146	116	121	112	125	141	127	151	153	187
80.0	128	101	90.5	63.9	68.5	62.5	71.9	86.1	71.6	92.9	95.6	129
85.0	74.4	52.4	41.7	21.6	27.7	20.1	27.2	40.0	30.0	42.8	46.2	77.0
90.0	27.7	15.3	12.7	4.69	9.71	5.18	7.37	8.99	5.67	13.4	14.7	30.6

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:9.000 m
Remarks: 4000K