

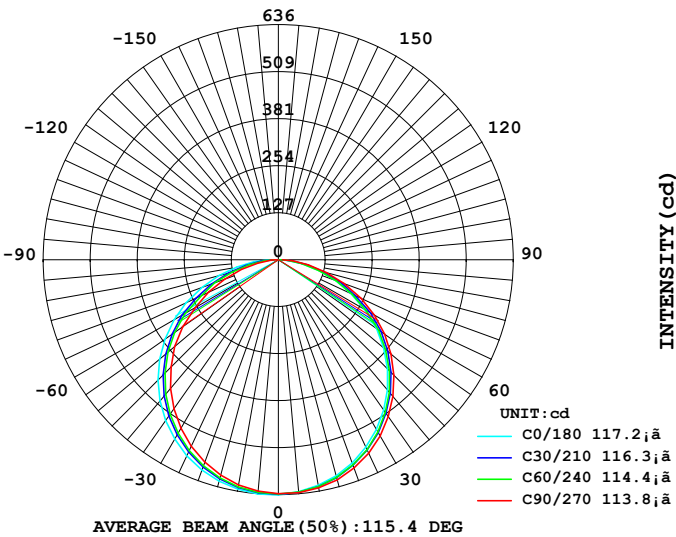
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

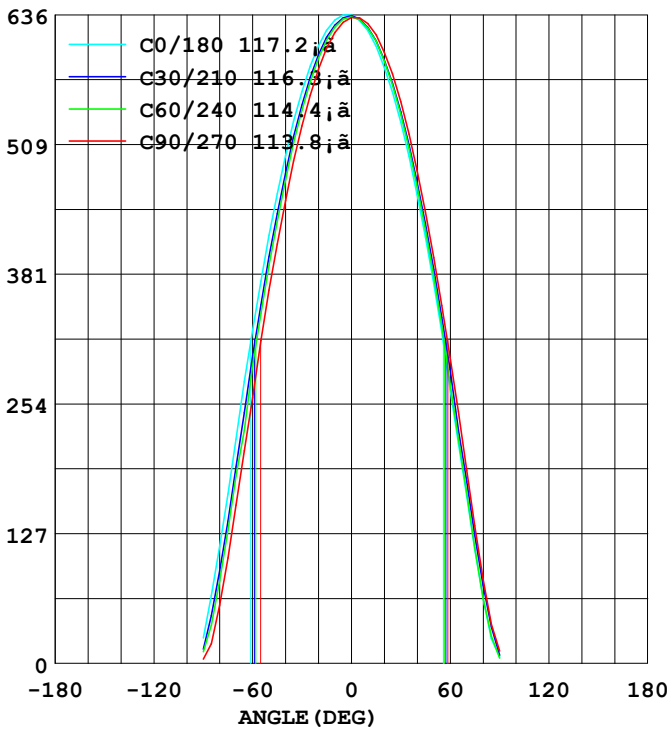
MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	635.7	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)	1865.3	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	73.7	Current (A)	0.210
NOMINAL FLUX (lm)	1865.4	η up (%)	0.0	Power (W)	25.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.528
TEST VOLTAGE (V)	219.6	Effictive Flux(lm)	1831.7	EEI	0.188

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: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:

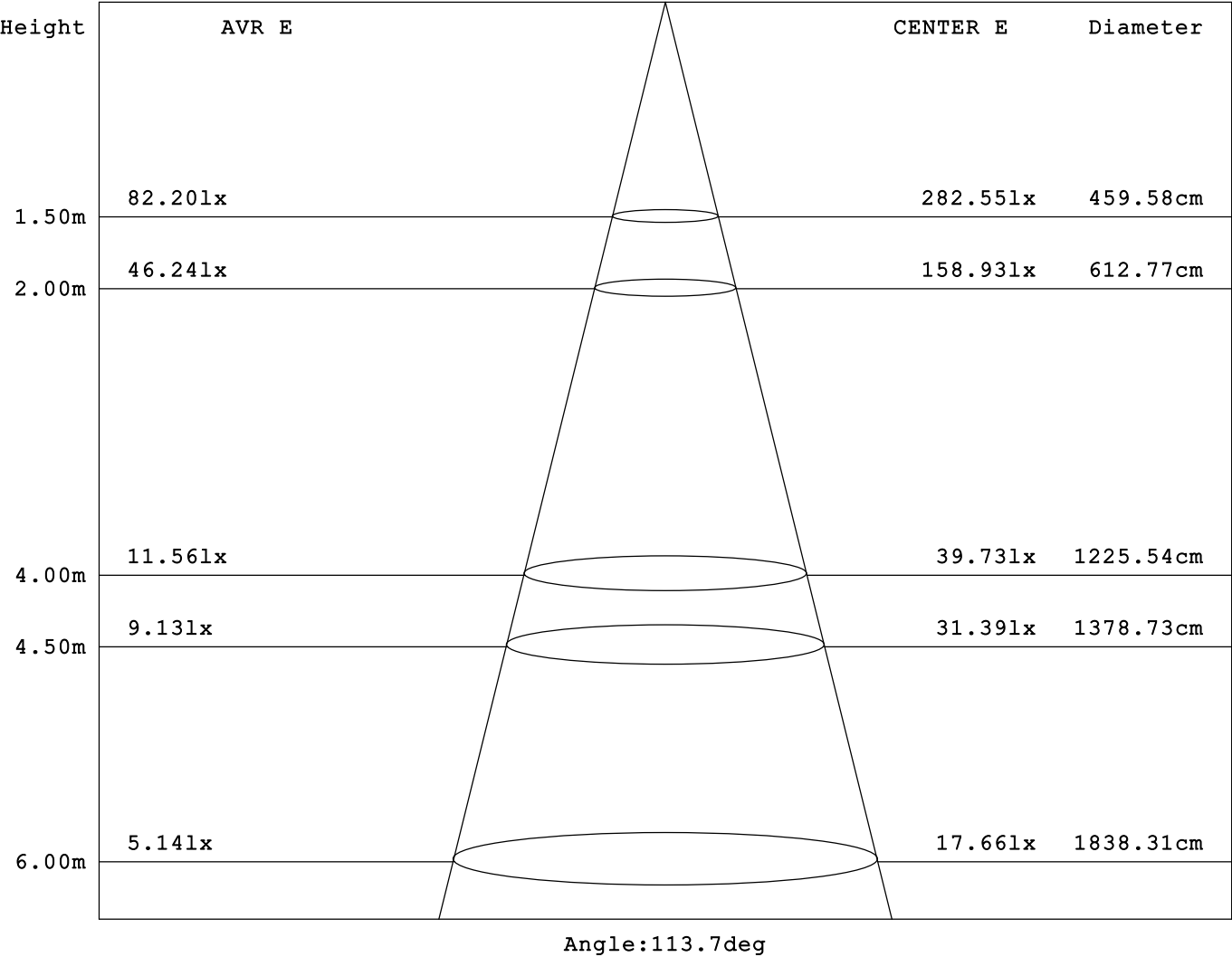
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
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 220	TYPE: 3000K 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:8.500 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K 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	630.4	624.7	618.3	616.8	620.0	623.0	626.9	628.3	0- 10	60.00	60.00
20.0	605.5	595.0	582.6	580.6	584.5	591.1	599.2	603.1	10- 20	172.3	232.3
30.0	560.3	544.6	526.6	524.6	530.3	539.3	550.5	557.3	20- 30	262.5	494.9
40.0	497.8	477.2	453.6	452.2	459.3	469.4	482.9	492.7	30- 40	318.7	813.6
50.0	419.6	394.3	365.9	365.1	372.3	382.7	397.8	410.7	40- 50	333.5	1147
60.0	326.4	297.0	260.3	262.3	268.9	281.3	299.9	315.4	50- 60	304.3	1452
70.0	219.6	188.0	155.0	155.6	164.0	172.9	189.2	206.1	60- 70	232.3	1684
80.0	115.0	85.90	57.14	58.59	64.44	70.62	83.01	100.3	70- 80	136.4	1820
90.0	24.85	12.57	4.190	6.683	6.574	6.538	11.99	20.26	80- 90	45.12	1865
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: 3000K

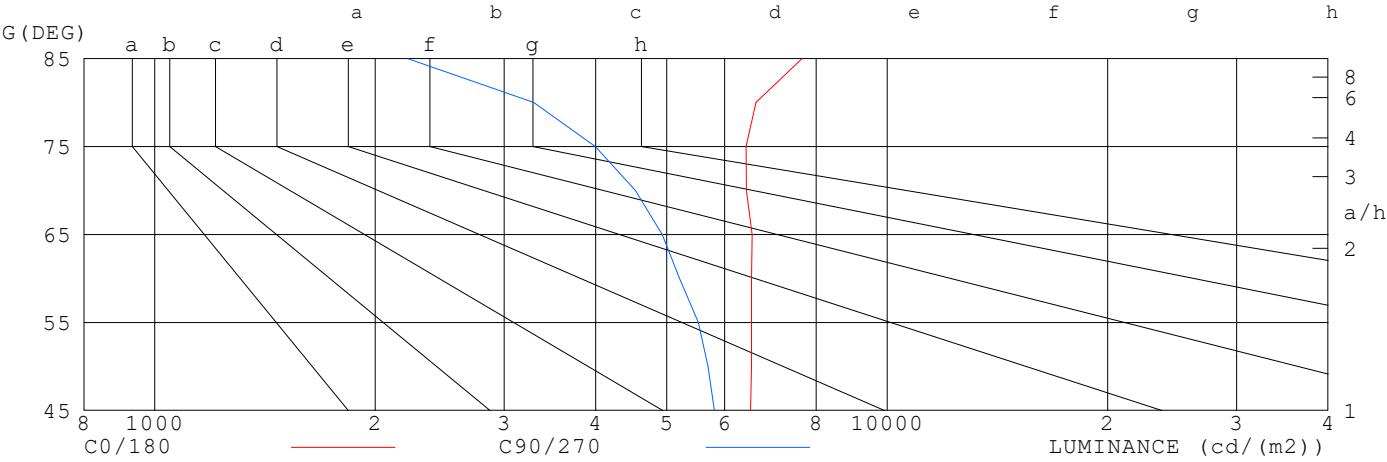
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 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	7651	2213
80	6624	3291
75	6421	3995
70	6422	4533
65	6541	4932
60	6530	5208
55	6530	5522
50	6528	5693
45	6509	5812

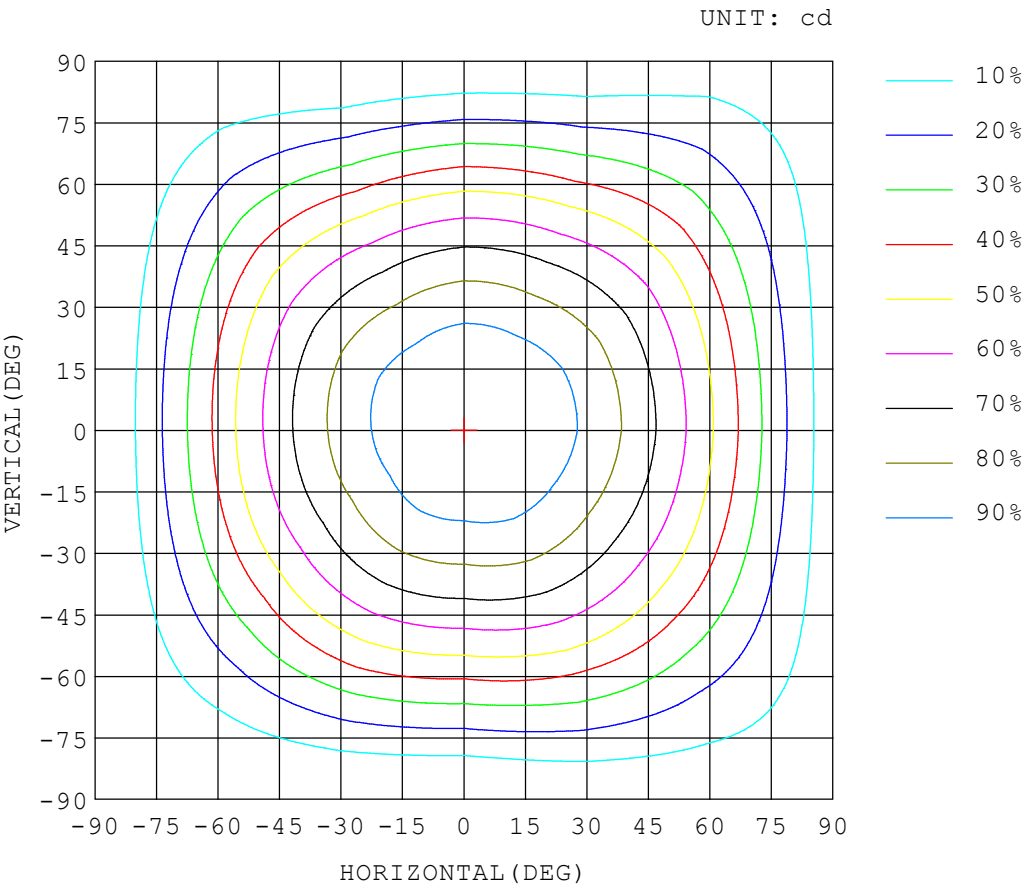
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:



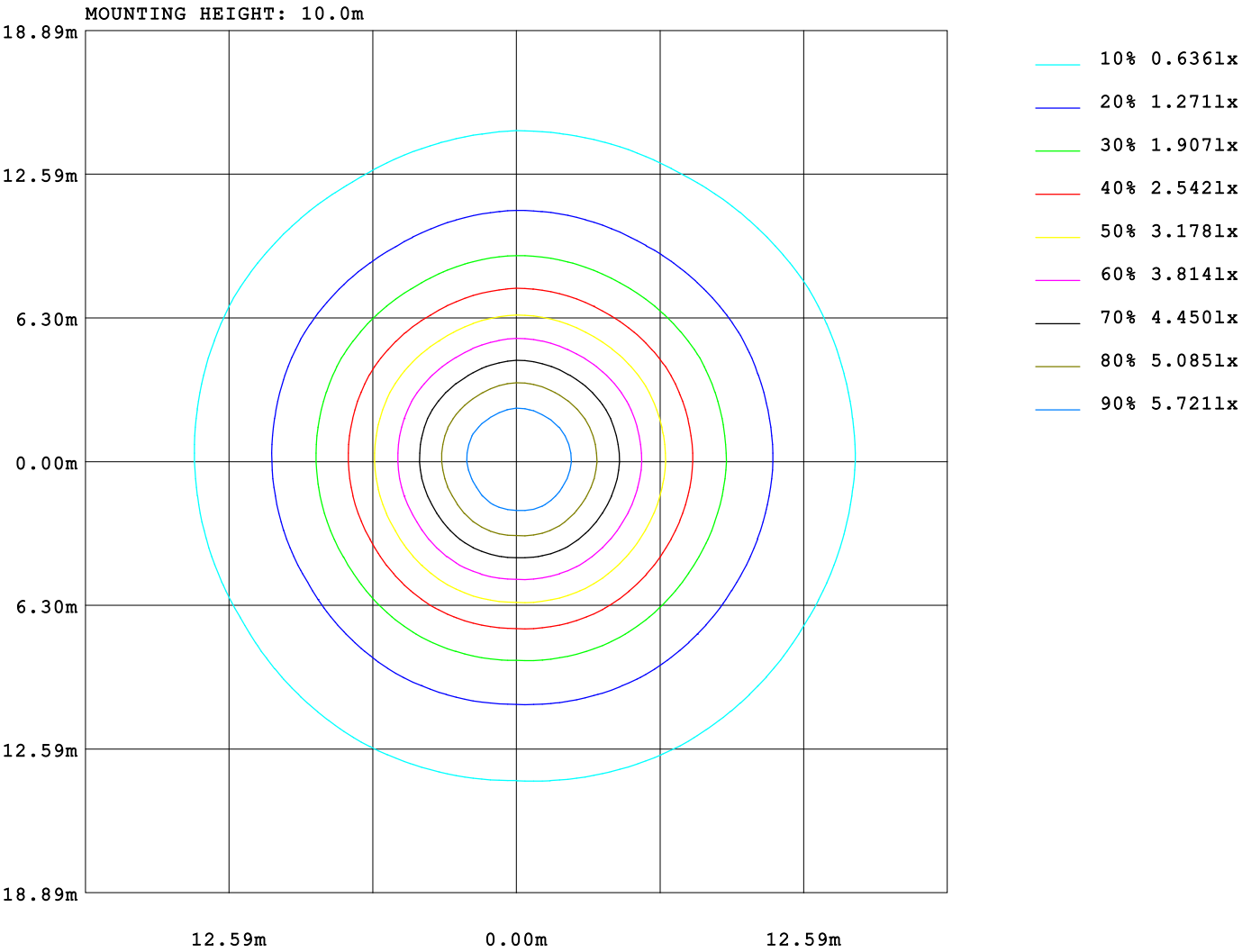
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K 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:8.500 m
Remarks: 3000K



AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																				
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019																				
NAME: ALINA 220										TYPE: 3000K CRI-90					WEIGHT:					
SPECIFICATION:										DIMENSION: D-220 H-40 MM					SERIAL No.:					

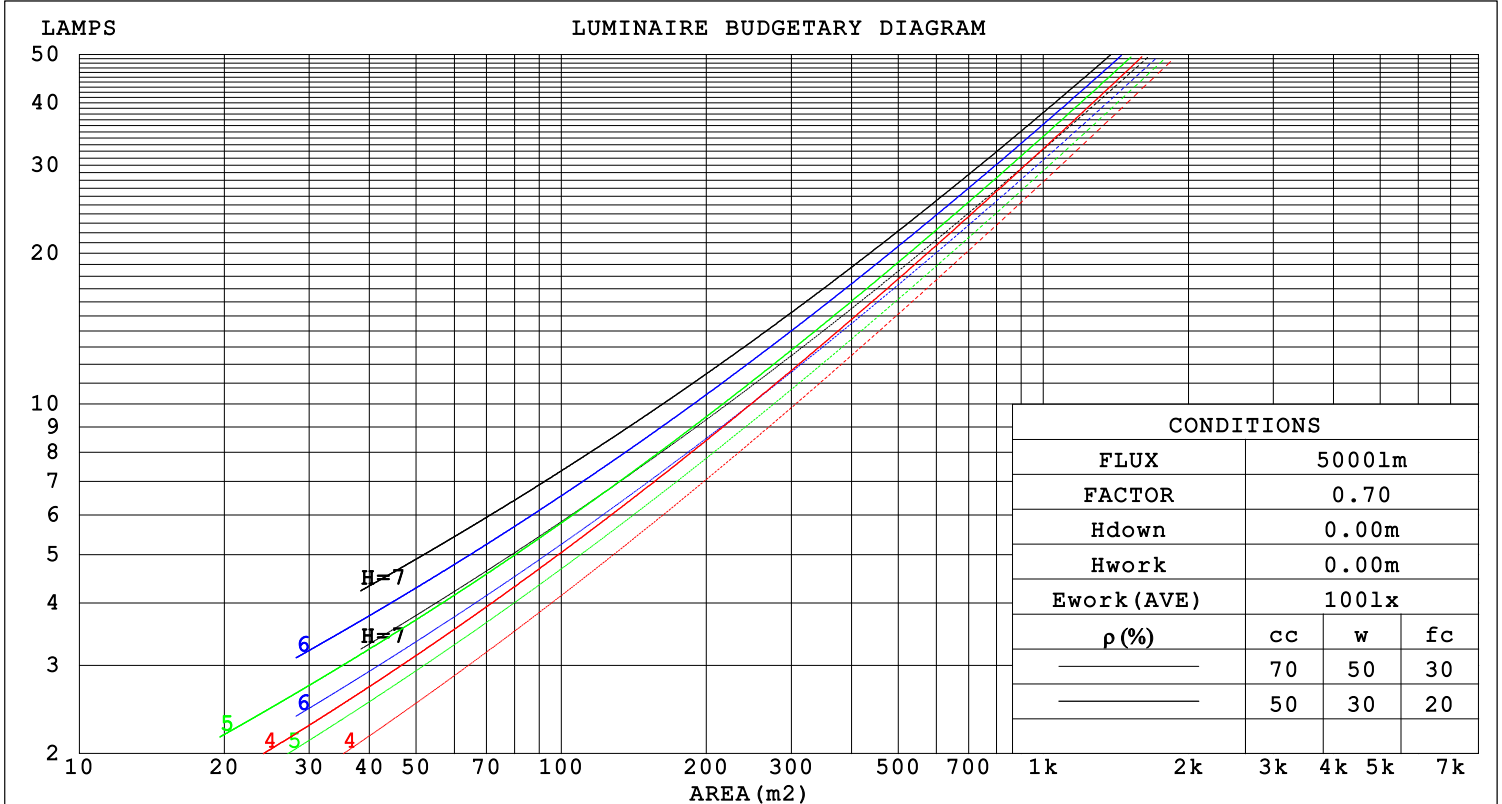
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a								
	0.02	0.11	0.24	0.40	0.54	0.65	0.81	1.04	1.23	1.30	1.25	1.13	1.05	0.98	0.83	0.57	0.29	0.08	12.5	2.53										
90																														
80	0.04	0.20	0.58	1.11	1.67	2.22	2.83	3.50	3.97	4.09	3.85	3.37	2.86	2.31	1.70	1.04	0.47	0.11	35.9	33.5										
70	0.05	0.33	1.01	2.02	3.15	4.29	5.41	6.51	7.25	7.39	6.91	6.02	5.02	3.89	2.70	1.53	0.64	0.13	64.3	63.6										
60	0.06	0.48	1.46	2.96	4.64	6.40	8.02	9.49	10.4	10.5	9.91	8.70	7.20	5.48	3.70	2.03	0.82	0.15	92.5	92.1										
50	0.07	0.62	1.89	3.80	6.12	8.41	10.4	12.1	13.1	13.3	12.5	11.0	9.16	6.95	4.62	2.49	0.98	0.17	118	118										
40	0.09	0.74	2.26	4.56	7.34	10.0	12.4	14.2	15.4	15.6	14.6	13.0	10.7	8.15	5.38	2.90	1.12	0.19	139	139										
30	0.10	0.84	2.54	5.14	8.20	11.2	13.9	15.9	17.2	17.3	16.3	14.5	12.0	9.02	5.95	3.22	1.23	0.20	155	155										
	0.10	0.90	2.73	5.51	8.75	12.0	15.0	17.1	18.4	18.5	17.5	15.6	12.8	9.59	6.33	3.44	1.31	0.21	166	166										
	0.10	0.93	2.81	5.66	8.98	12.3	15.4	17.7	18.9	19.1	18.1	16.0	13.1	9.86	6.52	3.55	1.35	0.22	171	171										
	0.10	0.92	2.79	5.60	8.89	12.2	15.2	17.5	18.8	19.0	17.9	15.9	13.0	9.79	6.47	3.52	1.34	0.22	170	169										
	0.10	0.88	2.65	5.33	8.48	11.6	14.5	16.8	18.1	18.2	17.2	15.2	12.5	9.35	6.18	3.35	1.28	0.21	162	162										
-30	0.09	0.79	2.41	4.84	7.77	10.7	13.5	15.6	16.7	16.8	16.0	14.1	11.5	8.63	5.69	3.08	1.18	0.20	150	150										
-40	0.08	0.68	2.08	4.17	6.78	9.52	12.0	13.8	14.8	14.9	14.2	12.6	10.3	7.65	5.02	2.71	1.05	0.18	133	133										
-50	0.07	0.55	1.68	3.39	5.56	7.95	10.0	11.6	12.3	12.5	12.0	10.7	8.72	6.43	4.17	2.27	0.91	0.16	111	111										
-60	0.05	0.41	1.24	2.52	4.20	6.05	7.76	8.93	9.51	9.64	9.31	8.34	6.75	4.95	3.23	1.79	0.74	0.14	85.6	85.1										
-70	0.04	0.26	0.80	1.62	2.76	4.01	5.15	5.92	6.29	6.40	6.22	5.62	4.66	3.46	2.27	1.29	0.56	0.12	57.5	56.5										
-80	0.03	0.15	0.38	0.81	1.38	2.03	2.61	2.99	3.17	3.29	3.32	3.11	2.62	1.98	1.34	0.81	0.39	0.10	30.5	26.6										
-90	0.02	0.08	0.14	0.24	0.40	0.58	0.72	0.77	0.78	0.84	0.95	0.98	0.90	0.74	0.56	0.39	0.23	0.07	9.37	0.30										
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)														20	30	40	50	60	70	80	90
Φ t	1.21	9.87	29.7	59.7	95.6	133	166	192	207	209	199	176	145	109	72.7	40.0	15.9	2.87	1865											
Φ a	0.00	7.78	27.9	57.9	93.8	131	164	190	205	207	197	175	144	108	71.2	38.6	14.5	1.65				1832								

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: 3000K

Report number:

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															
	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: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019														
NAME: ALINA 220							TYPE: 3000K 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
pf _c	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	.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	.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
pf _c	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:8.500 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019											
NAME: ALINA 220					TYPE: 3000K 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	19.5	21.1	19.8	21.3	21.5	18.8	20.4	19.1	20.6	20.8
	3H	21.3	22.7	21.6	22.9	23.2	20.2	21.6	20.5	21.9	22.1
	4H	22.0	23.4	22.3	23.6	23.9	20.7	22.1	21.0	22.3	22.6
	6H	22.7	24.0	23.0	24.2	24.5	21.0	22.3	21.3	22.6	22.8
	8H	22.9	24.2	23.3	24.5	24.8	21.0	22.3	21.4	22.5	22.8
	12H	23.2	24.4	23.5	24.7	25.0	21.0	22.2	21.4	22.5	22.8
4H	2H	20.1	21.4	20.4	21.7	21.9	19.5	20.9	19.9	21.1	21.4
	3H	22.0	23.2	22.3	23.4	23.8	21.1	22.3	21.5	22.6	22.9
	4H	22.9	23.9	23.2	24.3	24.6	21.8	22.9	22.2	23.2	23.5
	6H	23.6	24.6	24.1	25.0	25.3	22.2	23.2	22.6	23.5	23.9
	8H	24.0	24.9	24.4	25.3	25.6	22.2	23.1	22.7	23.5	23.9
	12H	24.3	25.1	24.7	25.5	25.9	22.3	23.1	22.7	23.5	23.9
8H	4H	23.1	24.0	23.5	24.4	24.7	22.1	23.0	22.6	23.4	23.8
	6H	24.0	24.8	24.5	25.2	25.6	22.7	23.5	23.1	23.9	24.3
	8H	24.4	25.1	24.9	25.5	26.0	22.8	23.5	23.3	23.9	24.4
	12H	24.8	25.4	25.3	25.9	26.3	22.9	23.5	23.4	24.0	24.4
12H	4H	23.1	23.9	23.5	24.3	24.7	22.2	23.0	22.6	23.4	23.8
	6H	24.1	24.7	24.5	25.1	25.6	22.8	23.5	23.3	23.9	24.3
	8H	24.5	25.1	25.0	25.6	26.0	23.0	23.6	23.5	24.0	24.5
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 1865 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.2)

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: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K 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		

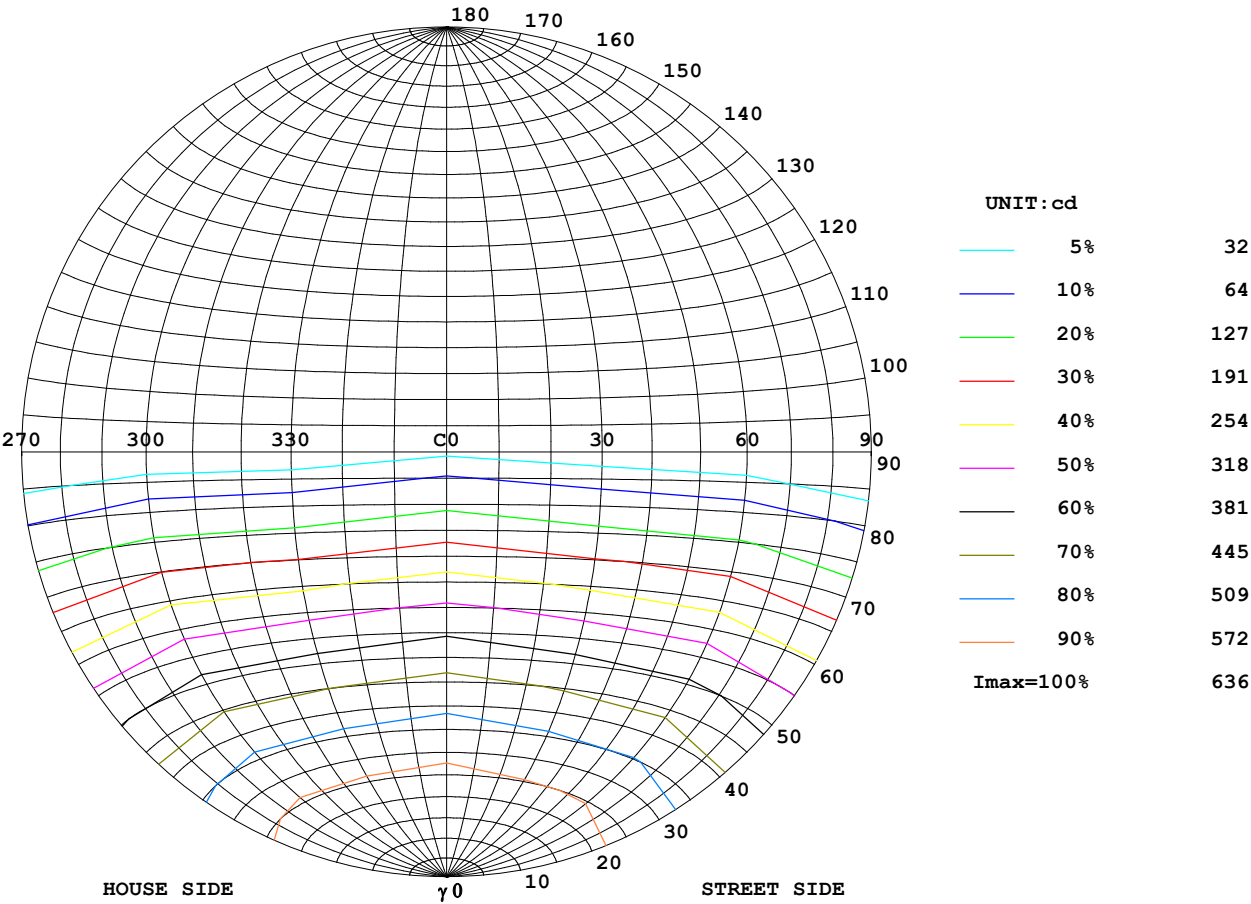
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.500 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:



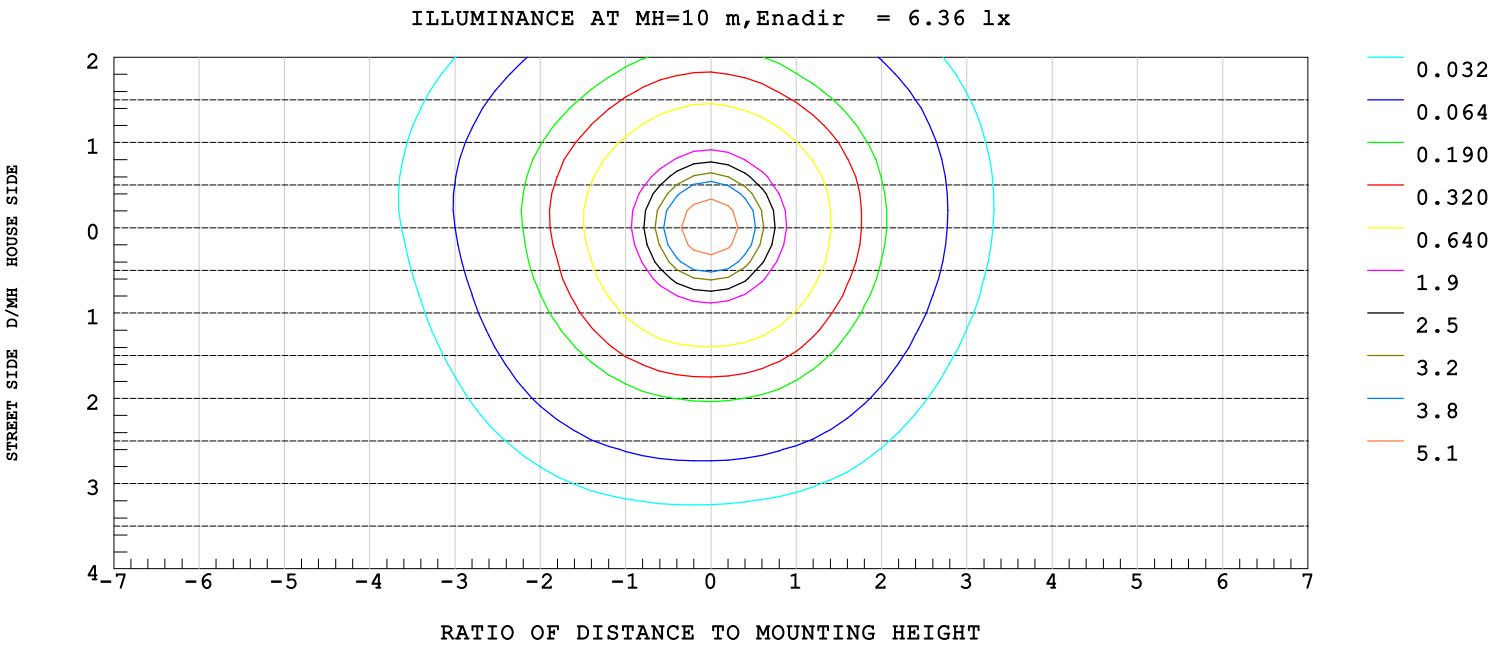
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION:	DIMENSION: D-220 H-40 MM	SERIAL No.:



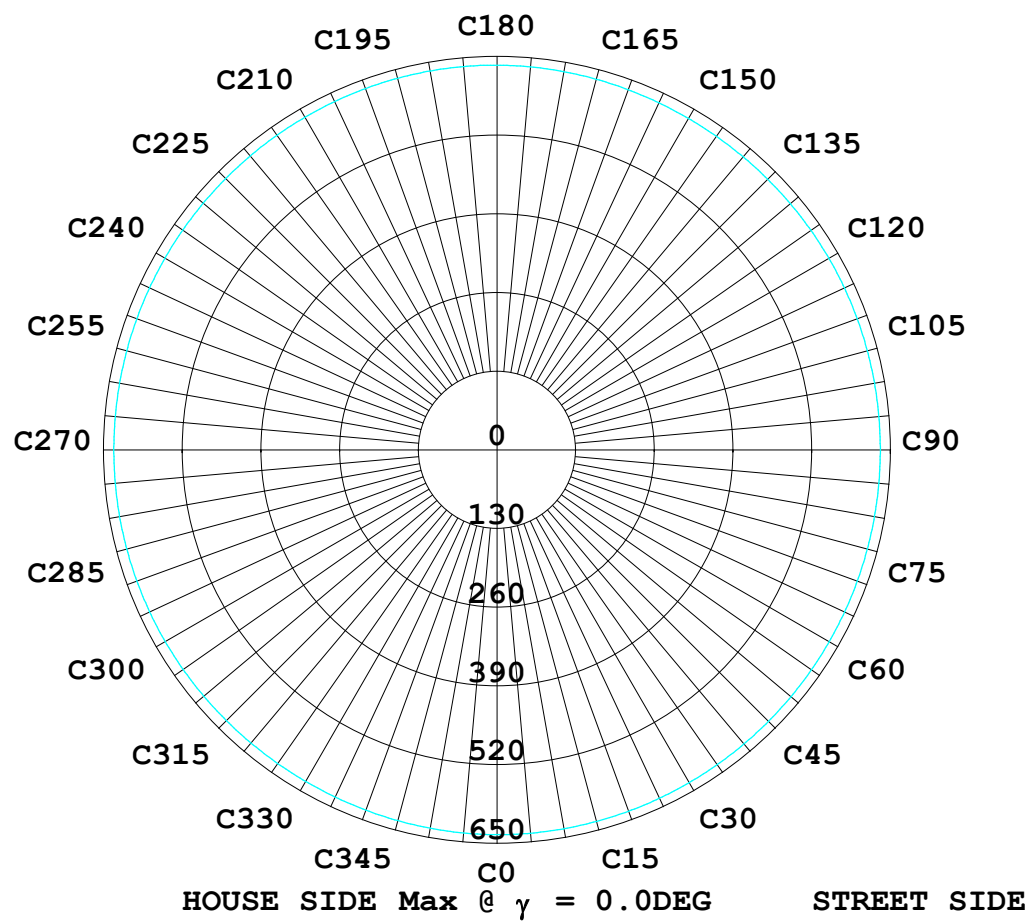
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.500 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: PLOT NO-A-89, RIICO INDUSTRIAL AREA, KAROLI, BHIWADI,301019		
NAME: ALINA 220	TYPE: 3000K 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:8.500 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 220	TYPE: 3000K 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	636	635	634	633	633	632	636	635	634	633	633	632
5.0	636	633	631	628	629	626	630	632	631	633	633	634
10.0	630	626	624	618	619	615	620	623	623	627	627	630
15.0	620	614	611	603	603	599	605	610	610	616	616	621
20.0	606	597	593	583	583	578	585	592	591	599	600	606
25.0	585	574	570	557	558	551	560	569	567	578	579	587
30.0	560	547	542	527	528	521	530	541	538	551	552	563
35.0	532	516	511	493	495	487	497	508	504	519	520	534
40.0	498	481	474	454	457	448	459	472	467	483	484	501
45.0	460	441	433	411	414	405	418	431	425	442	444	463
50.0	420	399	390	366	370	360	372	386	379	398	400	422
55.0	375	352	343	317	321	311	325	339	331	351	353	377
60.0	326	302	292	260	270	255	269	288	274	300	302	329
65.0	276	246	229	208	214	203	216	229	220	247	244	277
70.0	220	193	184	155	161	151	164	179	167	189	191	221
75.0	166	139	130	103	108	100	112	126	114	135	137	167
80.0	115	90.8	80.9	57.1	61.2	55.9	64.4	77.0	64.1	83.0	85.6	115
85.0	66.6	47.0	37.4	19.2	24.7	18.0	24.4	35.7	26.8	38.3	41.3	68.8
90.0	24.8	13.7	11.3	4.19	8.67	4.69	6.57	7.94	5.12	11.9	13.0	27.4

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
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