

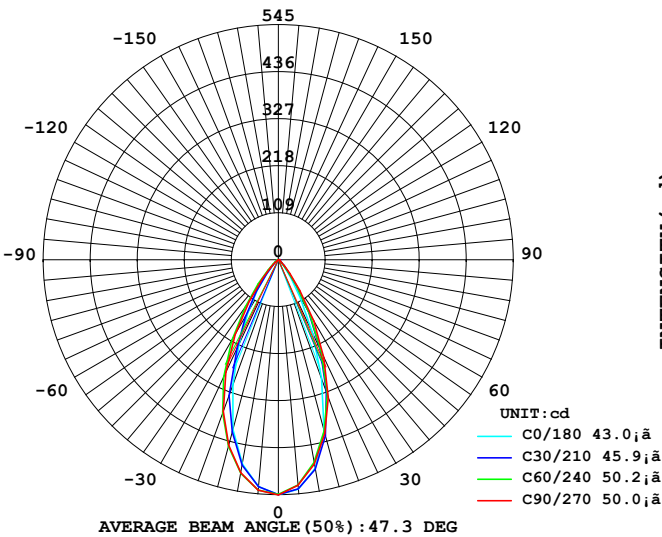
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

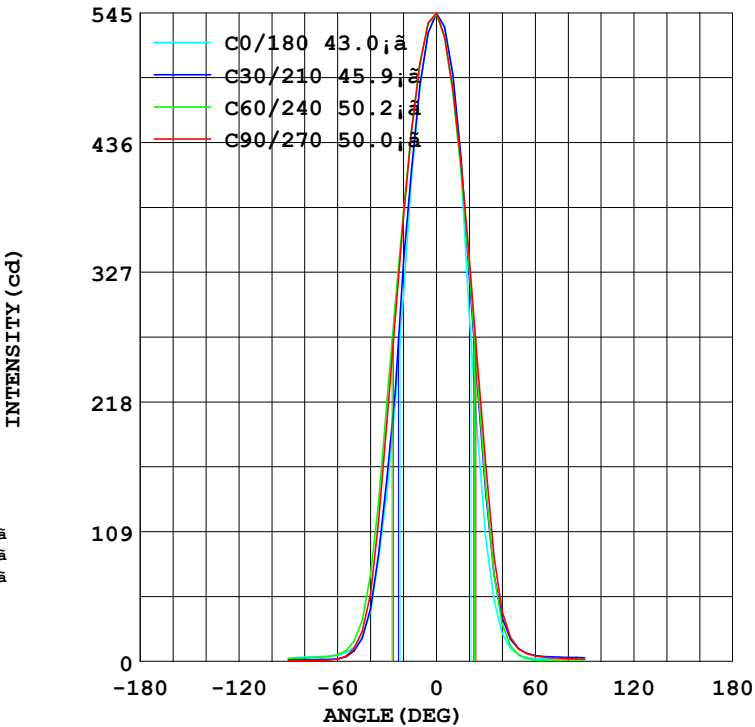
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	545.0	S/MH (C0/180)	0.70
MODEL	ALCON 3	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.81
NOMINAL POWER (W)	5	TOTAL FLUX (lm)	366.23	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	67.8	Current (A)	0.026
NOMINAL FLUX (lm)	366.2	η up (%)	0.0	Power (W)	5.400
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.993
TEST VOLTAGE (V)	219.7	Effictive Flux (lm)	331.7	EEI	0.167

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

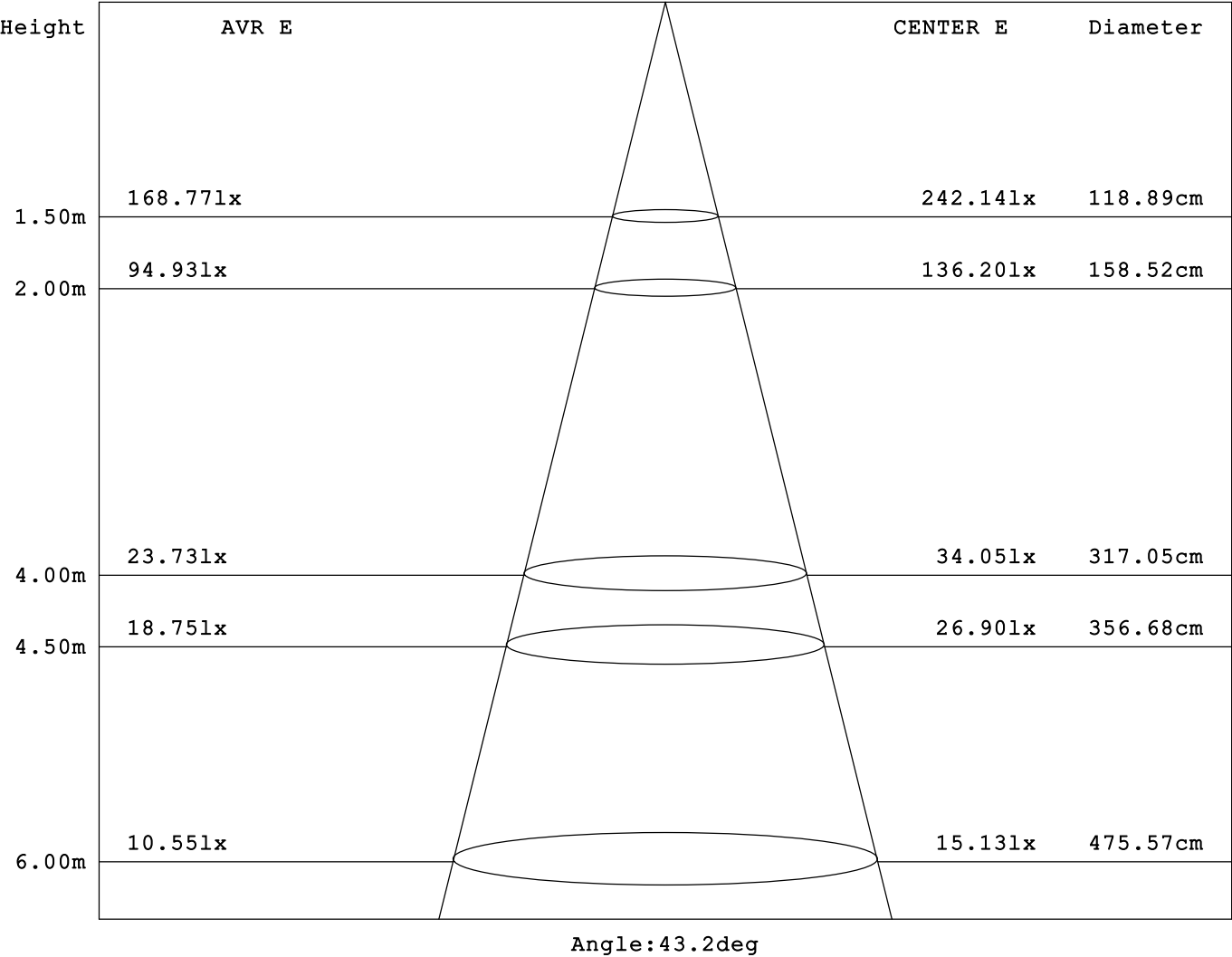
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 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: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	481.7	493.5	501.7	499.3	491.5	485.9	481.4	477.9	0- 10	49.31	49.31
20.0	308.5	357.1	374.1	358.1	292.8	328.8	340.3	328.0	10- 20	116.7	166.0
30.0	141.6	185.8	201.2	152.6	103.5	143.7	164.8	155.3	20- 30	111.3	277.4
40.0	42.20	58.96	56.94	39.48	23.89	34.18	42.44	41.55	30- 40	57.86	335.2
50.0	11.74	12.95	10.85	10.24	5.508	7.897	10.61	8.545	40- 50	17.68	352.9
60.0	5.184	3.928	1.944	3.766	2.592	3.199	4.617	3.159	50- 60	5.360	358.3
70.0	4.050	2.632	0.891	2.592	2.754	2.592	3.159	2.349	60- 70	2.934	361.2
80.0	3.564	2.308	0.729	2.389	2.835	2.430	2.349	2.065	70- 80	2.603	363.8
90.0	2.349	2.227	0.810	2.349	2.025	2.349	1.782	2.025	80- 90	2.384	366.2
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:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

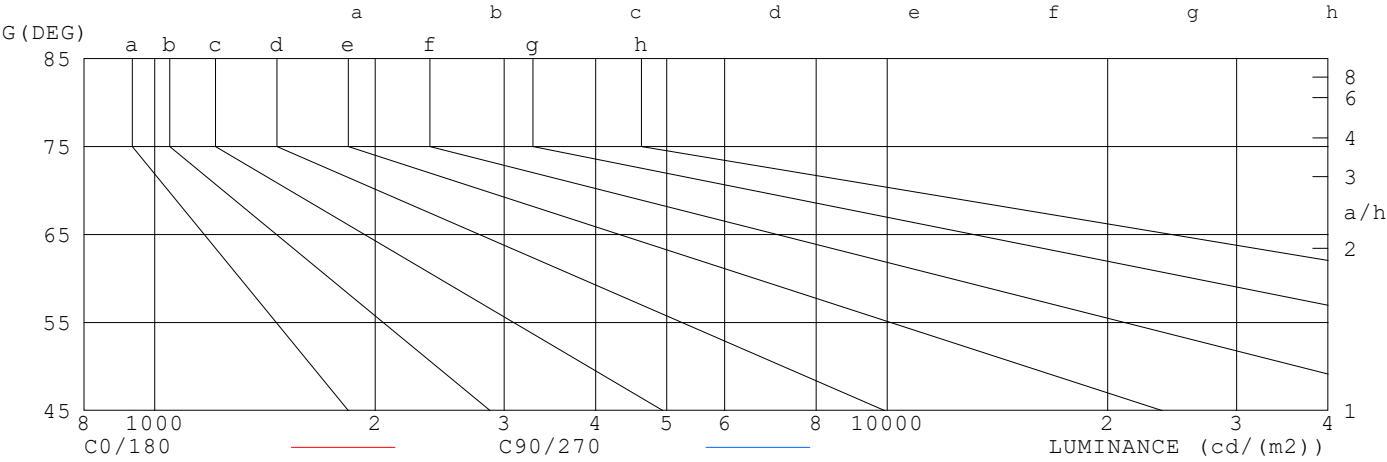
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 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	372	84
80	205	42
75	147	31
70	118	26
65	105	29
60	104	39
55	127	78
50	183	169
45	302	361

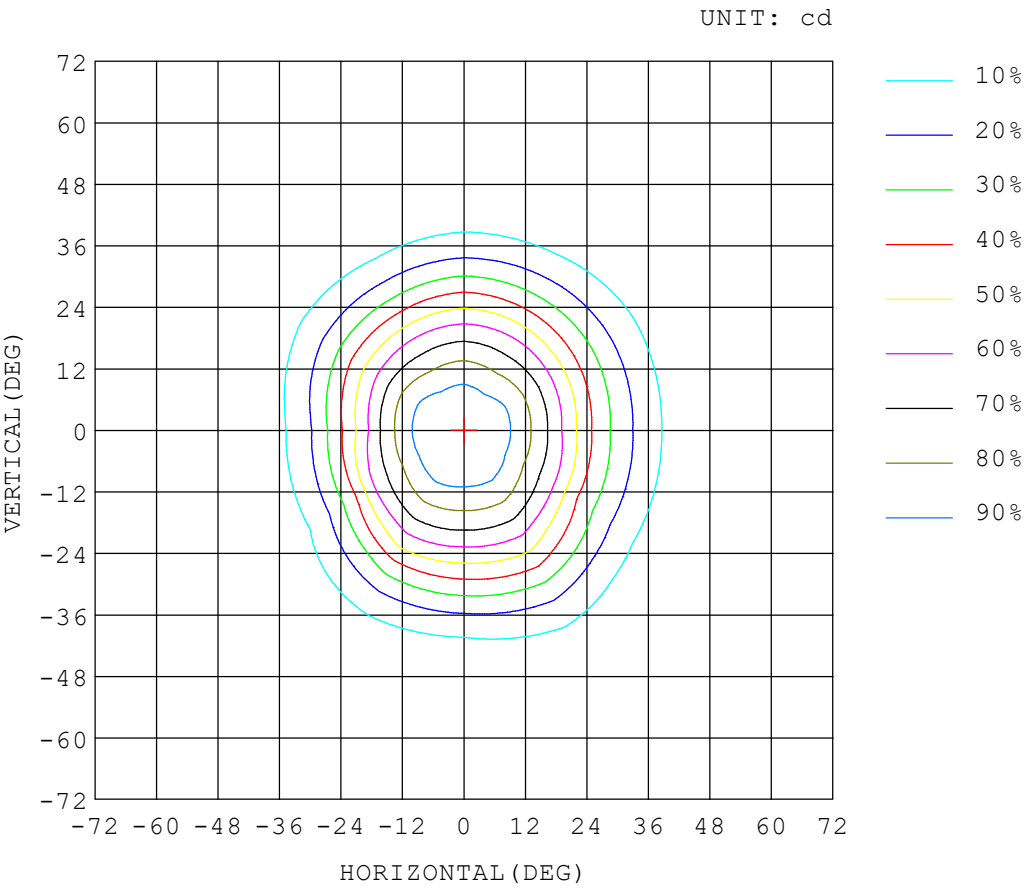
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



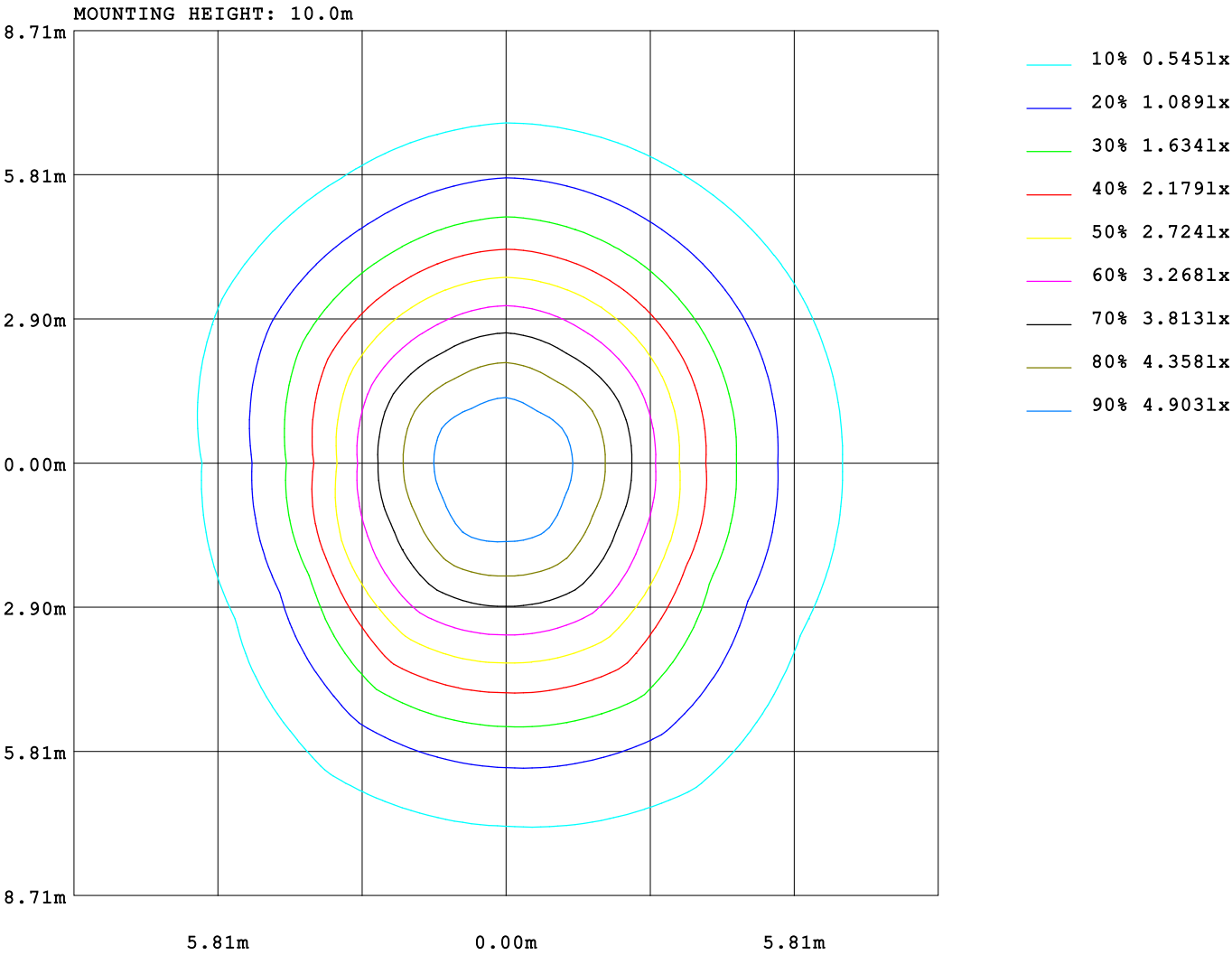
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019

NAME: ALCON 3

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM -250 MA

DIMENSION: L-72 W--32 H-46 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	0.02	0.03	0.04	0.04	0.03	0.02	0.03	0.05	0.06	0.06	0.04	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.62	0.00
64	0.02	0.04	0.04	0.04	0.03	0.02	0.04	0.06	0.08	0.08	0.06	0.04	0.02	0.03	0.04	0.04	0.03	0.02	0.75	0.00	
56	0.02	0.04	0.05	0.05	0.05	0.04	0.06	0.11	0.16	0.16	0.12	0.07	0.04	0.05	0.05	0.04	0.04	0.03	1.17	0.00	
48	0.02	0.04	0.05	0.07	0.08	0.12	0.19	0.33	0.46	0.47	0.36	0.21	0.13	0.09	0.07	0.05	0.04	0.03	2.80	0.00	
40	0.02	0.04	0.06	0.10	0.17	0.32	0.61	1.06	1.48	1.52	1.18	0.72	0.38	0.19	0.11	0.06	0.04	0.03	8.08	4.41	
32	0.02	0.04	0.06	0.14	0.34	0.78	1.65	2.80	3.67	3.72	2.96	1.88	0.95	0.40	0.16	0.08	0.04	0.03	19.7	17.4	
24	0.02	0.03	0.07	0.18	0.56	1.54	3.28	5.12	6.33	6.33	5.16	3.40	1.78	0.71	0.24	0.09	0.05	0.03	34.9	33.2	
16	0.02	0.03	0.07	0.21	0.74	2.24	4.77	7.23	8.57	8.52	7.15	4.78	2.55	1.02	0.32	0.11	0.05	0.03	48.4	46.9	
8	0.02	0.03	0.06	0.22	0.80	2.49	5.43	8.54	10.0	9.92	8.39	5.58	2.94	1.22	0.37	0.12	0.05	0.03	56.3	54.8	
0	0.02	0.03	0.06	0.20	0.76	2.38	5.44	8.52	10.2	10.1	8.41	5.64	2.94	1.22	0.37	0.12	0.05	0.03	56.5	55.1	
-8	0.02	0.02	0.05	0.17	0.61	1.96	4.68	7.63	9.14	9.12	7.60	4.92	2.55	1.02	0.31	0.10	0.04	0.03	50.0	48.5	
-16	0.02	0.02	0.04	0.12	0.40	1.33	3.41	5.92	7.07	7.10	6.07	3.89	1.89	0.70	0.22	0.08	0.04	0.03	38.4	36.7	
-24	0.02	0.02	0.03	0.08	0.25	0.82	2.07	3.58	4.43	4.55	3.96	2.57	1.19	0.41	0.13	0.05	0.03	0.02	24.2	22.5	
-32	0.02	0.02	0.03	0.05	0.16	0.43	0.97	1.57	2.00	2.10	1.83	1.26	0.59	0.22	0.07	0.03	0.03	0.02	11.4	8.91	
-40	0.02	0.02	0.02	0.04	0.10	0.22	0.39	0.54	0.64	0.68	0.62	0.47	0.26	0.12	0.05	0.02	0.02	0.02	4.25	0.15	
-48	0.02	0.02	0.02	0.04	0.07	0.12	0.16	0.18	0.18	0.18	0.19	0.17	0.12	0.07	0.04	0.02	0.02	0.02	1.62	0.00	
-56	0.02	0.02	0.02	0.03	0.05	0.07	0.08	0.07	0.05	0.06	0.07	0.08	0.08	0.05	0.04	0.02	0.02	0.02	0.85	0.00	
-64	0.02	0.02	0.02	0.03	0.05	0.06	0.05	0.04	0.03	0.03	0.04	0.05	0.06	0.05	0.03	0.02	0.02	0.02	0.64	0.00	
-72	0.02	0.02	0.02	0.03	0.05	0.06	0.05	0.04	0.03	0.03	0.04	0.05	0.06	0.05	0.03	0.02	0.02	0.02	0.64	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	0	8	16	24	32	40	48	56	64	72			
Φ t	0.36	0.49	0.80	1.82	5.25	14.9	33.3	53.4	64.6	64.7	54.2	35.8	18.5	7.62	2.64	1.10	0.64	0.44	366		
Φ a	0.00	0.00	0.00	0.00	1.33	12.3	31.2	51.4	62.7	62.9	52.4	33.9	16.2	4.27	0.00	0.00	0.00	0.00		332	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-28-2025

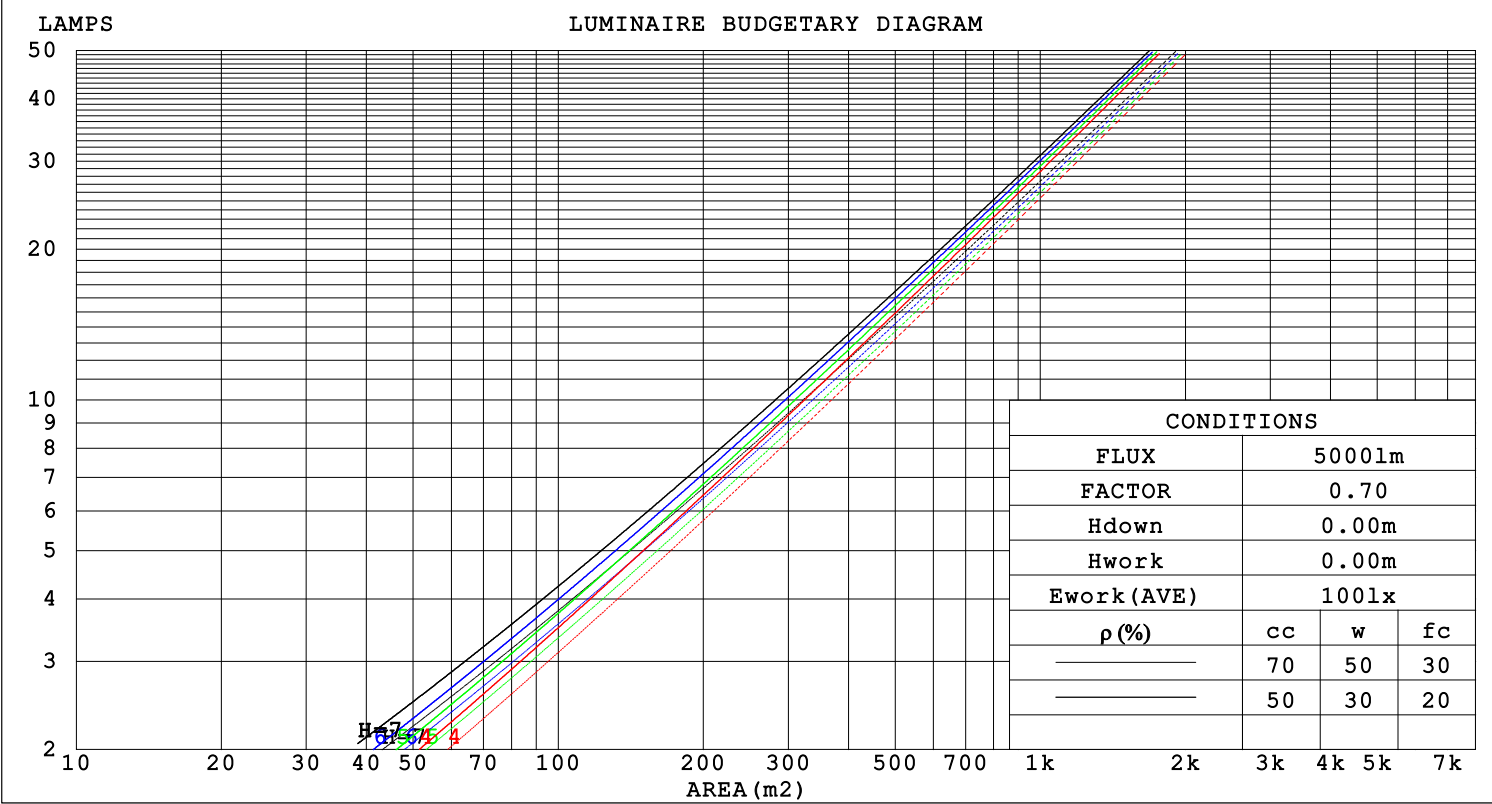
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.000 m
 Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ALCON 3								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM -250 MA								DIMENSION: L-72 W--32 H-46 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	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.95	.93	.90	.92	.90	.89	.87
3.0	.96	.91	.88	.95	.90	.87	.92	.89	.85	.90	.87	.84	.88	.85	.83	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.70	.77	.72	.69	.75	.72	.69	.67
7.0	.76	.70	.66	.75	.70	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.60
9.0	.68	.63	.59	.68	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.57
10.0	.65	.59	.56	.64	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ALCON 3								TYPE: 3000K CRI-90				WEIGHT:			
SPECIFICATION: OSRAM -250 MA								DIMENSION: L-72 W--32 H-46 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	.183	.104	.033	.176	.100	.032	.163	.094	.030	.152	.087	.028	.141	.082	.026															
2.0	.171	.094	.029	.166	.091	.028	.155	.086	.027	.145	.081	.025	.136	.077	.024															
3.0	.161	.086	.026	.156	.084	.025	.147	.080	.024	.139	.076	.023	.131	.073	.022															
4.0	.152	.079	.023	.148	.078	.023	.140	.074	.022	.133	.071	.022	.126	.069	.021															
5.0	.144	.074	.021	.141	.072	.021	.134	.070	.021	.128	.067	.020	.122	.065	.020															
6.0	.137	.069	.020	.134	.068	.019	.128	.066	.019	.123	.064	.019	.117	.062	.018															
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.060	.018	.113	.059	.017															
8.0	.125	.061	.017	.122	.060	.017	.118	.059	.017	.113	.057	.017	.109	.056	.016															
9.0	.119	.058	.016	.117	.057	.016	.113	.056	.016	.109	.055	.016	.105	.054	.015															
10.0	.114	.055	.015	.112	.054	.015	.109	.053	.015	.105	.052	.015	.102	.051	.015															

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	.172	.157	.144	.147	.135	.124	.100	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.156	.132	.113	.134	.114	.097	.092	.079	.068	.053	.046	.040	.017	.015	.013	
3.0	.144	.114	.090	.123	.098	.078	.084	.068	.055	.049	.040	.032	.016	.013	.011	
4.0	.133	.099	.073	.114	.085	.063	.078	.060	.045	.045	.035	.026	.015	.011	.009	
5.0	.124	.087	.060	.107	.075	.052	.073	.053	.037	.043	.031	.022	.014	.010	.007	
6.0	.116	.078	.050	.100	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
7.0	.110	.070	.042	.094	.061	.037	.065	.043	.026	.038	.025	.016	.012	.008	.005	
8.0	.104	.064	.036	.089	.055	.032	.062	.039	.023	.036	.023	.013	.012	.008	.004	
9.0	.099	.059	.032	.085	.051	.028	.059	.036	.020	.034	.021	.012	.011	.007	.004	
10.0	.094	.054	.028	.081	.047	.024	.056	.033	.017	.033	.020	.010	.011	.006	.003	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ALCON 3					TYPE: 3000K CRI-90			WEIGHT:			
SPECIFICATION: OSRAM -250 MA					DIMENSION: L-72 W--32 H-46 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	2.7	3.6	2.9	3.8	3.9	5.0	5.9	5.2	6.1	6.3
	3H	2.8	3.7	3.1	3.9	4.1	4.9	5.8	5.2	6.0	6.2
	4H	3.1	4.0	3.4	4.2	4.4	4.9	5.7	5.1	5.9	6.1
	6H	3.7	4.5	4.0	4.7	5.0	4.8	5.6	5.1	5.8	6.1
	8H	4.3	5.0	4.6	5.3	5.5	4.8	5.6	5.1	5.8	6.1
	12H	4.9	5.6	5.2	5.8	6.1	4.8	5.5	5.2	5.8	6.1
4H	2H	2.5	3.3	2.8	3.6	3.8	4.8	5.6	5.1	5.8	6.1
	3H	2.8	3.5	3.1	3.7	4.0	4.8	5.5	5.1	5.8	6.1
	4H	3.1	3.8	3.5	4.1	4.4	4.9	5.5	5.2	5.8	6.1
	6H	4.0	4.5	4.3	4.9	5.2	5.0	5.5	5.3	5.9	6.2
	8H	4.7	5.2	5.1	5.6	5.9	5.0	5.5	5.4	5.9	6.3
	12H	5.5	6.0	5.9	6.4	6.8	5.1	5.6	5.5	5.9	6.3
8H	4H	3.2	3.7	3.6	4.1	4.4	4.9	5.4	5.3	5.7	6.1
	6H	4.1	4.6	4.6	5.0	5.4	5.2	5.6	5.6	6.0	6.4
	8H	5.0	5.4	5.4	5.8	6.2	5.4	5.8	5.9	6.2	6.7
	12H	6.0	6.4	6.5	6.8	7.3	5.7	6.0	6.2	6.5	7.0
12H	4H	3.2	3.7	3.7	4.1	4.5	4.9	5.3	5.3	5.7	6.1
	6H	4.2	4.6	4.7	5.0	5.5	5.2	5.6	5.7	6.0	6.5
	8H	5.1	5.5	5.6	5.9	6.4	5.6	5.9	6.1	6.4	6.9
Variations with the observer position at spacings:											
S = 1.0H		+ 1.2 / - 1.3					+ 2.0 / - 3.1				
1.5H		+ 2.3 / - 1.4					+ 3.8 / - 3.2				
2.0H		+ 2.0 / - 0.7					+ 2.8 / - 1.4				

CIE Pub.117 Corrected 366.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.5)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 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) $k(RI) \times RCR = 5$									
$k = 0.60$	86	80	76	86	80	76	85	79	76	72
0.80	94	88	84	93	87	84	92	87	83	80
1.00	98	93	89	97	92	88	96	92	88	84
1.25	102	97	93	101	96	93	99	95	92	88
1.50	105	100	97	104	99	96	102	98	95	91
2.00	108	104	100	106	102	99	104	100	98	93
2.50	110	106	102	108	104	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	106	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

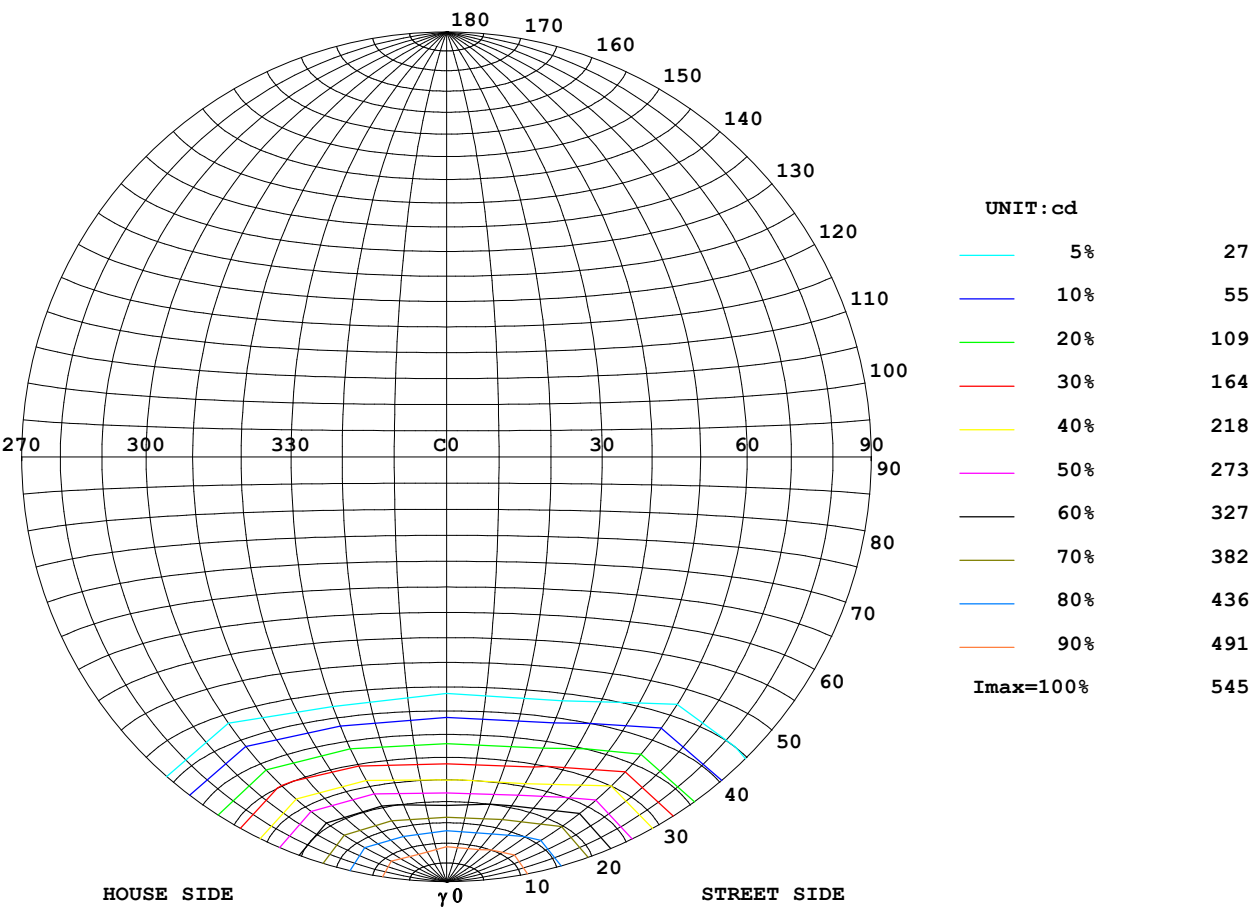
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-28-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 5.45 lx



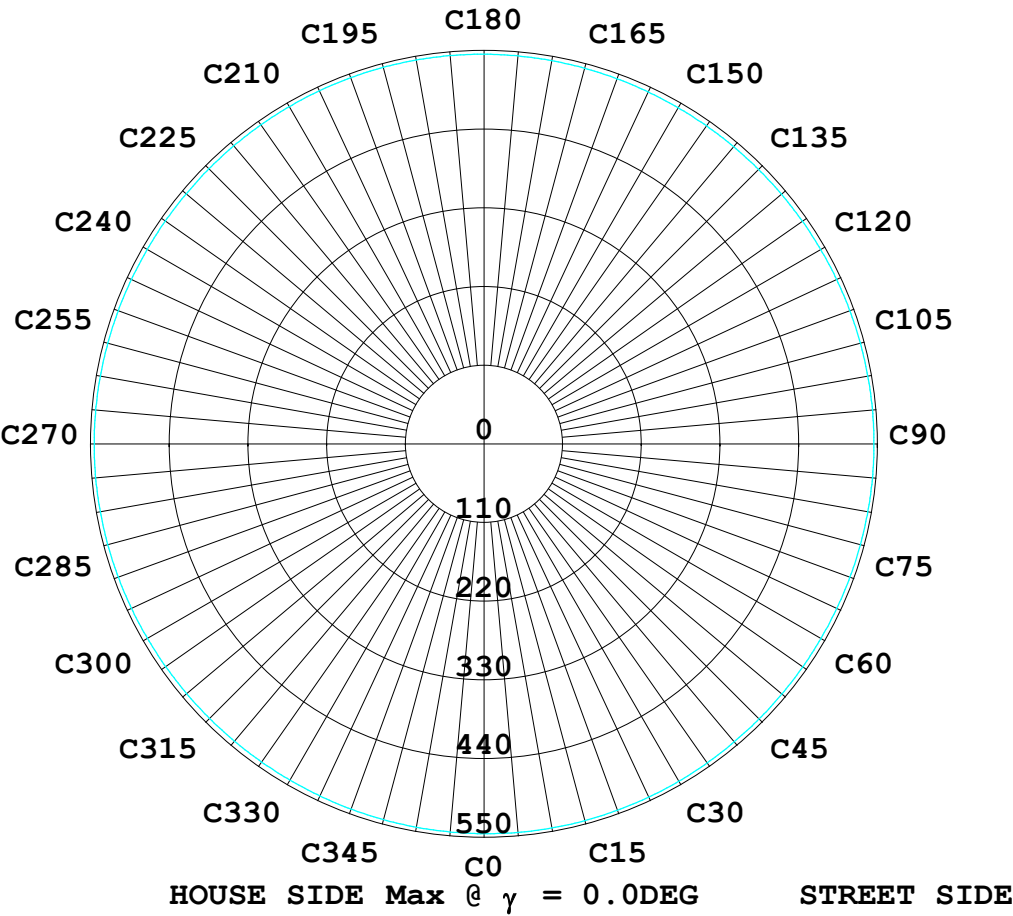
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	545	545	544	545	544	543	545	545	544	545	544	543
5.0	528	528	536	536	540	534	534	533	524	525	519	525
10.0	482	484	503	502	507	492	492	494	478	481	472	484
15.0	407	413	448	445	449	418	412	422	411	418	407	413
20.0	309	336	378	374	377	340	293	326	332	340	333	323
25.0	216	227	300	288	290	205	191	231	236	251	240	228
30.0	142	154	218	201	189	116	104	141	146	165	157	153
35.0	86.4	90.2	134	118	110	55.8	51.3	72.6	72.4	87.8	86.1	88.5
40.0	42.2	44.5	73.3	56.9	54.4	24.5	23.8	36.8	31.5	42.4	37.5	45.6
45.0	21.3	19.6	34.4	25.5	28.0	11.7	11.0	18.7	13.2	20.1	15.2	21.7
50.0	11.7	8.74	17.1	10.8	14.9	5.58	5.50	10.4	5.34	10.6	5.75	11.3
55.0	7.29	3.80	9.07	4.45	8.42	2.99	3.24	6.80	2.26	6.48	2.43	7.04
60.0	5.18	2.10	5.75	1.94	5.50	2.02	2.59	5.10	1.29	4.61	1.29	5.02
65.0	4.45	1.70	4.29	1.21	4.13	1.62	2.59	4.29	1.13	3.64	1.05	4.13
70.0	4.05	1.62	3.64	0.89	3.56	1.62	2.75	3.96	1.21	3.15	1.05	3.64
75.0	3.80	1.53	3.40	0.81	3.24	1.78	2.83	3.72	1.21	2.83	1.05	3.32
80.0	3.56	1.62	2.99	0.73	2.99	1.78	2.83	3.48	1.37	2.34	1.05	3.07
85.0	3.24	1.70	2.75	0.73	2.75	1.86	2.26	3.32	1.37	2.10	1.13	2.83
90.0	2.34	1.94	2.51	0.81	2.59	2.10	2.02	3.15	1.53	1.78	1.37	2.67

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.000 m
Remarks: 3000K