

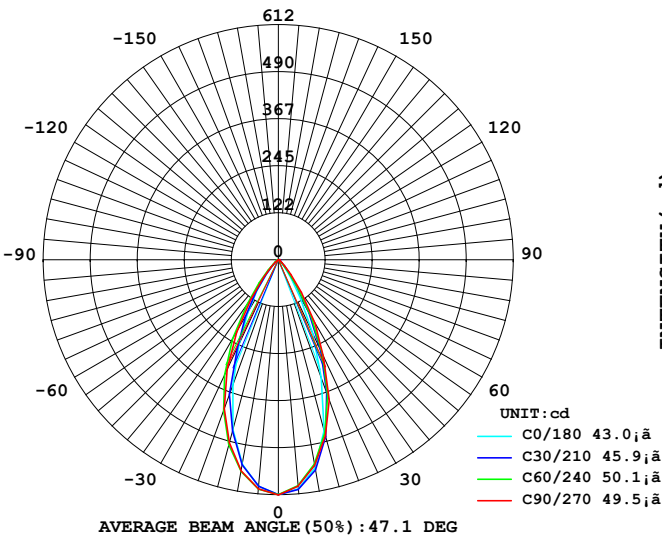
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

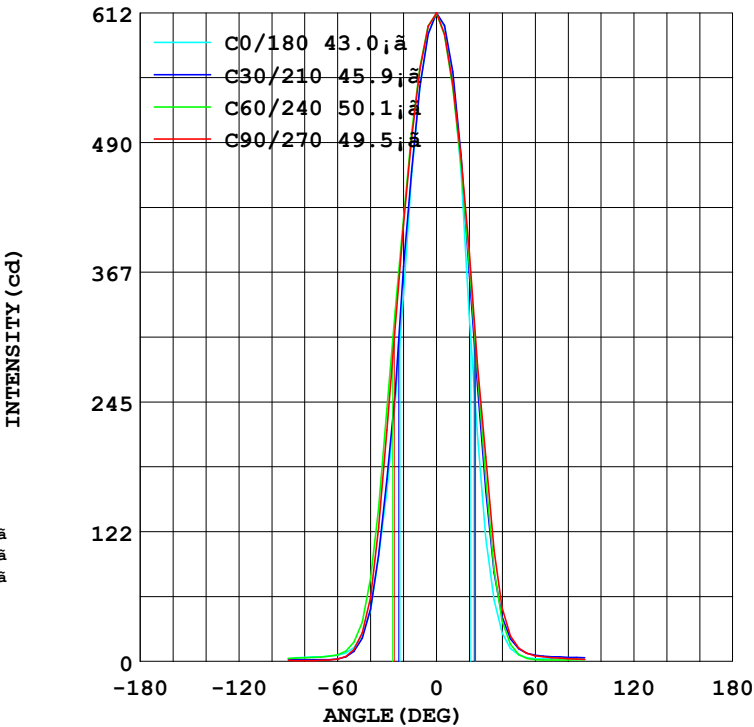
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	612.2	S/MH (C0/180)	0.70
MODEL	ALCON 3	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.80
NOMINAL POWER (W)	5	TOTAL FLUX (lm)	410.94	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	77.5	Current (A)	0.030
NOMINAL FLUX (lm)	410.9	η up (%)	0.0	Power (W)	5.300
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.994
TEST VOLTAGE (V)	219.6	Effictive Flux (lm)	373.9	EEI	0.150

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:9.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

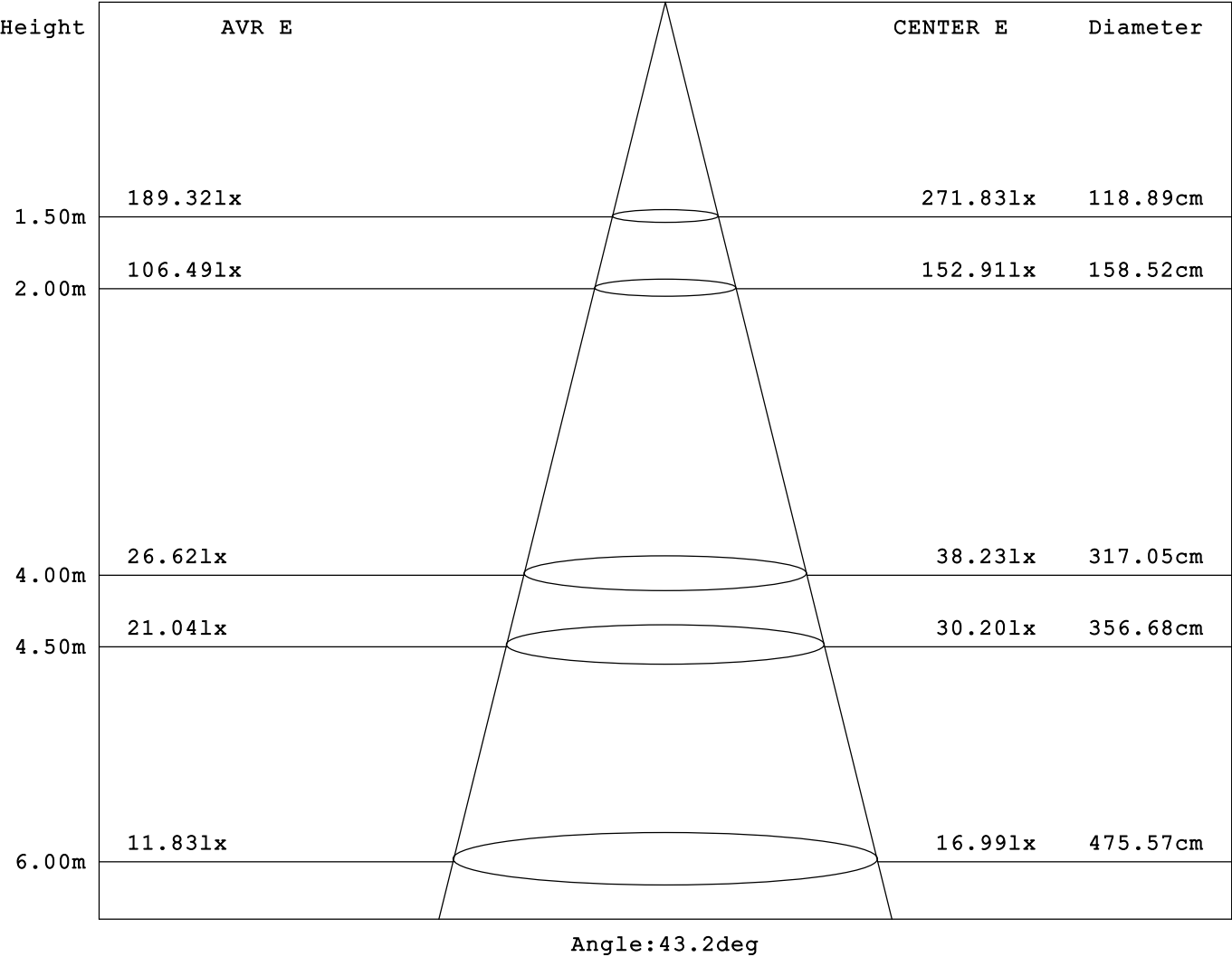
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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AVERAGE AND CENTER E Figure

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NAME: ALCON 3	TYPE: 4000K CRI-90	WEIGHT:
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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:9.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K 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	541.8	551.6	558.7	557.6	550.7	548.7	544.6	538.1	0- 10	55.35	55.35
20.0	347.2	395.7	412.8	397.2	327.5	372.5	388.8	368.7	10- 20	130.9	186.2
30.0	161.0	205.2	218.2	167.9	116.2	166.6	192.8	178.0	20- 30	124.8	311.1
40.0	48.37	64.21	60.37	43.27	26.89	40.16	50.72	48.41	30- 40	65.14	376.3
50.0	13.26	13.98	11.46	11.19	6.046	9.205	12.45	9.972	40- 50	19.87	396.1
60.0	5.776	4.286	2.166	4.061	2.617	3.655	5.324	3.610	50- 60	5.976	402.1
70.0	4.512	2.888	0.993	2.888	2.797	2.933	3.610	2.617	60- 70	3.266	405.4
80.0	3.790	2.527	0.902	2.662	2.888	2.662	2.707	2.391	70- 80	2.879	408.3
90.0	2.617	2.481	0.993	2.662	1.895	2.572	2.075	2.211	80- 90	2.631	410.9
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

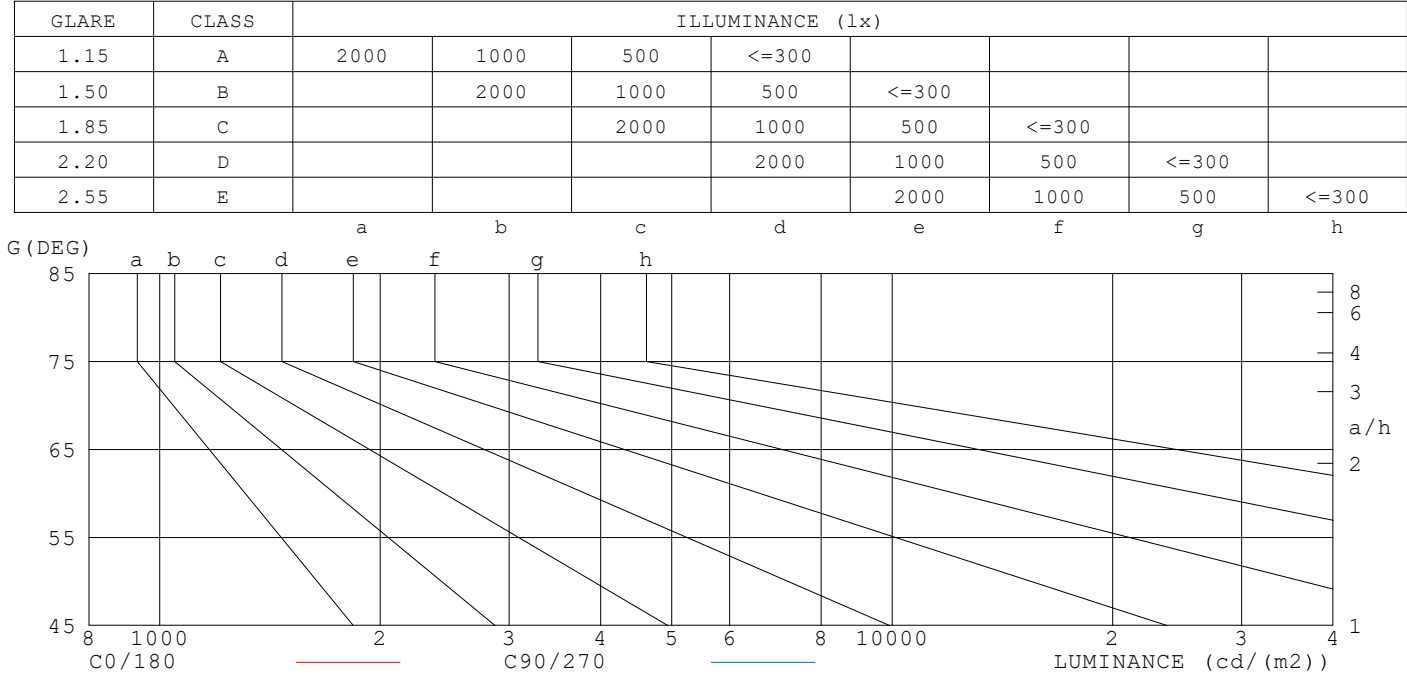
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	404	93
80	218	52
75	164	35
70	132	29
65	117	30
60	116	43
55	142	82
50	206	178
45	343	383

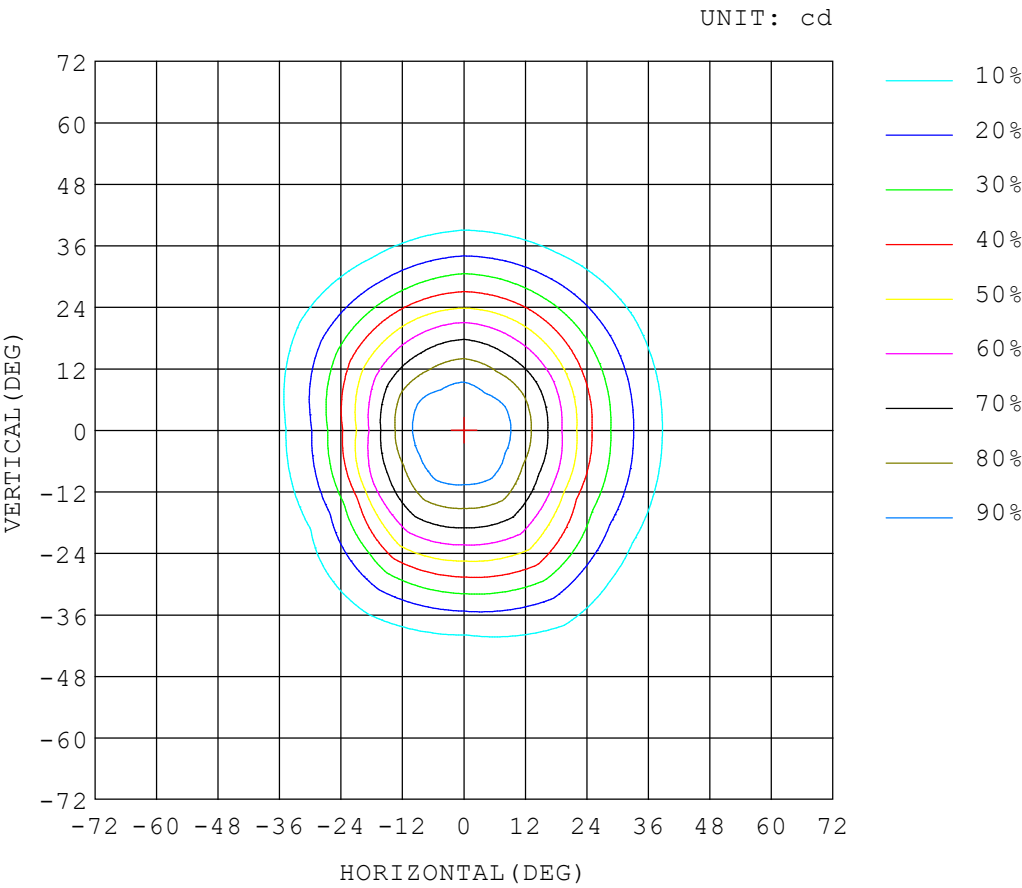
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Temperature:25.3DEG
Operators:
Test Date:08-28-2025

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



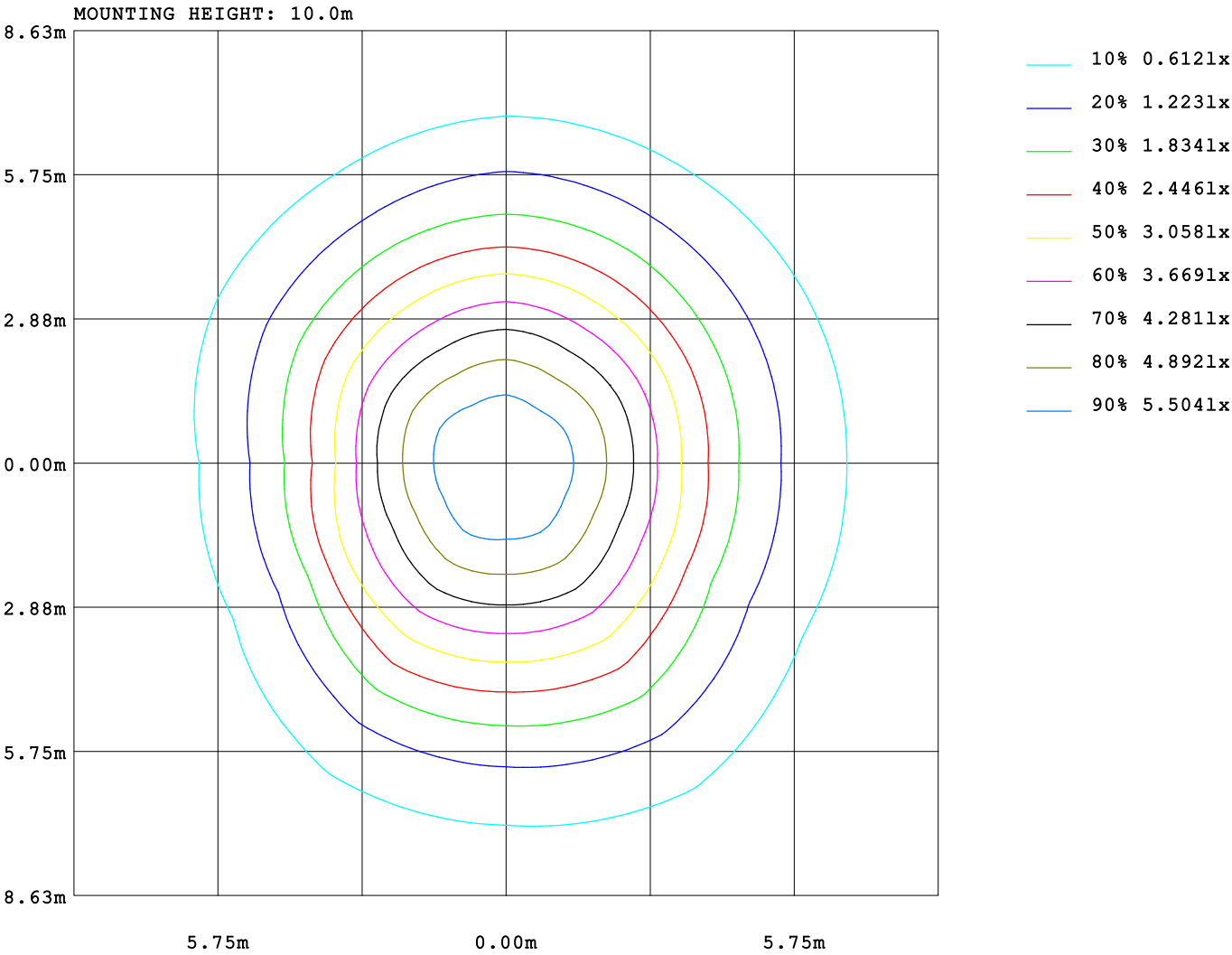
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K 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:9.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: ALCON 3

TYPE: 4000K 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	0.03	0.04	0.04	0.04	0.03	0.03	0.04	0.05	0.07	0.07	0.05	0.03	0.02	0.03	0.04	0.04	0.03	0.03	0.71	0.00	
64	0.03	0.04	0.05	0.05	0.04	0.03	0.04	0.07	0.10	0.10	0.07	0.04	0.03	0.04	0.04	0.04	0.04	0.03	0.85	0.00	
56	0.03	0.04	0.05	0.06	0.05	0.05	0.08	0.13	0.19	0.19	0.14	0.08	0.05	0.05	0.05	0.05	0.04	0.03	1.36	0.00	
48	0.03	0.04	0.06	0.08	0.10	0.14	0.23	0.40	0.55	0.57	0.43	0.25	0.15	0.10	0.08	0.06	0.04	0.03	3.32	0.00	
40	0.03	0.04	0.06	0.11	0.20	0.38	0.73	1.26	1.75	1.80	1.39	0.85	0.44	0.22	0.12	0.07	0.05	0.03	9.55	5.53	
32	0.02	0.04	0.07	0.16	0.39	0.91	1.94	3.27	4.22	4.26	3.42	2.18	1.09	0.46	0.19	0.09	0.05	0.03	22.8	20.3	
24	0.02	0.04	0.07	0.20	0.64	1.77	3.76	5.86	7.20	7.17	5.85	3.88	2.04	0.82	0.27	0.11	0.05	0.03	39.8	37.9	
16	0.02	0.03	0.07	0.24	0.84	2.54	5.40	8.19	9.73	9.64	8.07	5.41	2.89	1.17	0.37	0.12	0.06	0.03	54.8	53.2	
8	0.02	0.03	0.07	0.24	0.91	2.80	6.10	9.60	11.3	11.1	9.44	6.30	3.33	1.39	0.43	0.14	0.06	0.03	63.4	61.8	
0	0.02	0.03	0.06	0.22	0.85	2.67	6.08	9.53	11.4	11.3	9.44	6.32	3.32	1.39	0.42	0.13	0.06	0.03	63.3	61.7	
8	0.02	0.03	0.06	0.19	0.69	2.18	5.21	8.49	10.1	10.1	8.46	5.49	2.86	1.15	0.35	0.11	0.05	0.03	55.7	54.0	
16	0.02	0.02	0.05	0.14	0.45	1.47	3.77	6.54	7.81	7.84	6.71	4.31	2.11	0.79	0.24	0.08	0.04	0.03	42.4	40.6	
24	0.02	0.02	0.04	0.09	0.28	0.90	2.27	3.92	4.84	4.97	4.33	2.81	1.31	0.46	0.15	0.06	0.03	0.03	26.5	24.6	
32	0.02	0.02	0.03	0.06	0.18	0.47	1.05	1.70	2.15	2.25	1.97	1.36	0.64	0.24	0.08	0.04	0.03	0.02	12.3	9.40	
40	0.02	0.02	0.02	0.05	0.11	0.24	0.43	0.58	0.68	0.72	0.67	0.50	0.28	0.13	0.05	0.03	0.02	0.02	4.56	0.00	
48	0.02	0.02	0.02	0.04	0.07	0.12	0.17	0.19	0.19	0.20	0.20	0.19	0.14	0.08	0.04	0.02	0.02	0.02	1.75	0.00	
56	0.02	0.02	0.03	0.04	0.06	0.08	0.08	0.08	0.06	0.06	0.08	0.09	0.09	0.06	0.04	0.02	0.02	0.02	0.93	0.00	
64	0.02	0.02	0.03	0.04	0.05	0.06	0.06	0.05	0.03	0.03	0.05	0.06	0.07	0.05	0.04	0.03	0.02	0.02	0.71	0.00	
72	0.02	0.02	0.03	0.04	0.05	0.06	0.06	0.05	0.03	0.03	0.05	0.06	0.07	0.05	0.04	0.03	0.02	0.02	0.71	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	16	24	32	40	48	56	64	72					
Φ t	0.38	0.54	0.88	2.04	5.92	16.8	37.4	59.9	72.5	72.5	60.7	40.1	20.8	8.63	2.99	1.23	0.71	0.49	411		
Φ a	0.00	0.00	0.00	0.00	1.49	13.9	35.1	57.7	70.4	70.4	58.7	38.0	18.3	4.91	0.00	0.00	0.00	0.00		374	

Test System:HOPOO HPG1800
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 Operators:
 Test Date:08-28-2025

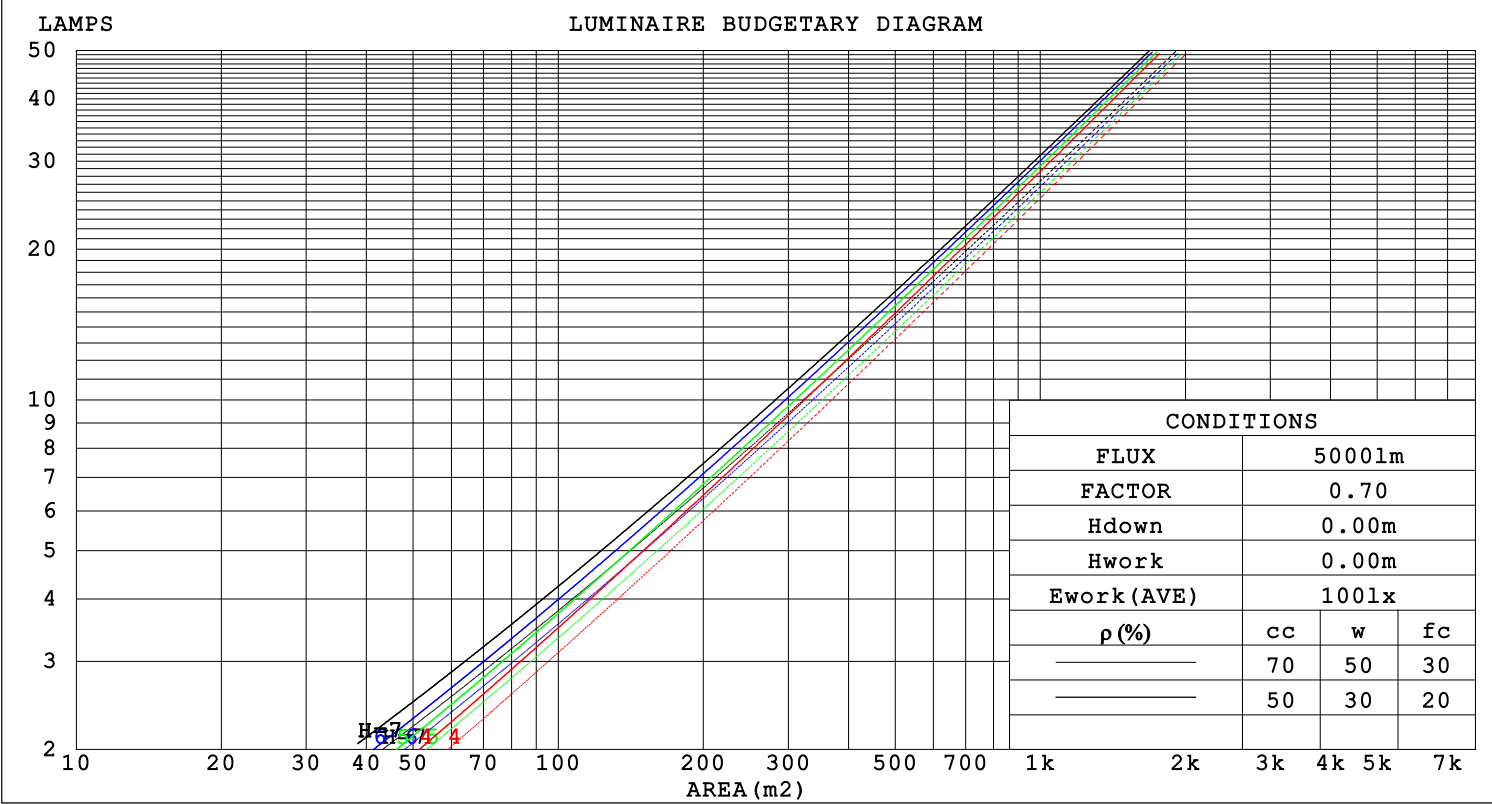
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

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: 4000K 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)
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Test Distance:9.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ALCON 3								TYPE: 4000K 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	.182	.104	.033	.176	.100	.032	.163	.094	.030	.151	.087	.028	.141	.082	.026															
2.0	.171	.094	.029	.165	.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	.077	.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	.171	.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	.143	.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	.106	.075	.052	.073	.053	.037	.042	.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	.043	.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:9.500 m
Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ALCON 3					TYPE: 4000K 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	3.1	4.0	3.3	4.1	4.3	5.1	6.0	5.3	6.2	6.4	
	3.2	4.1	3.5	4.3	4.5	5.0	5.9	5.3	6.1	6.3	
	3.5	4.3	3.8	4.5	4.8	5.0	5.8	5.3	6.0	6.2	
	4.1	4.8	4.4	5.1	5.3	5.0	5.7	5.3	6.0	6.2	
	4.6	5.3	4.9	5.5	5.8	5.0	5.7	5.3	5.9	6.2	
	5.1	5.8	5.5	6.1	6.4	5.0	5.7	5.3	5.9	6.2	
4H 2H	2.9	3.7	3.2	3.9	4.2	4.9	5.7	5.2	5.9	6.2	
	3.1	3.8	3.5	4.1	4.4	4.9	5.6	5.2	5.9	6.2	
	3.5	4.1	3.8	4.4	4.7	5.0	5.6	5.3	5.9	6.2	
	4.3	4.8	4.6	5.1	5.5	5.1	5.7	5.5	6.0	6.3	
	4.9	5.5	5.3	5.8	6.2	5.2	5.7	5.6	6.0	6.4	
	5.8	6.2	6.2	6.6	7.0	5.3	5.7	5.7	6.1	6.5	
8H 4H	3.6	4.1	4.0	4.4	4.8	5.0	5.5	5.4	5.9	6.2	
	4.4	4.8	4.8	5.2	5.6	5.4	5.8	5.8	6.2	6.6	
	5.2	5.6	5.7	6.0	6.4	5.6	6.0	6.1	6.4	6.9	
	6.2	6.6	6.7	7.0	7.5	5.9	6.2	6.4	6.7	7.2	
12H 4H	3.6	4.1	4.0	4.5	4.8	5.0	5.5	5.4	5.8	6.2	
	4.5	4.9	5.0	5.3	5.8	5.4	5.8	5.9	6.2	6.7	
	5.3	5.7	5.8	6.1	6.6	5.8	6.1	6.3	6.6	7.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.2 / - 1.4					+ 2.0 / - 2.9					
1.5H	+ 2.5 / - 1.5					+ 3.7 / - 3.1					
2.0H	+ 2.2 / - 0.7					+ 2.6 / - 1.3					

CIE Pub.117 Corrected 410.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.1)

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:9.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K 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	89	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	101	98	93
2.50	110	106	103	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		

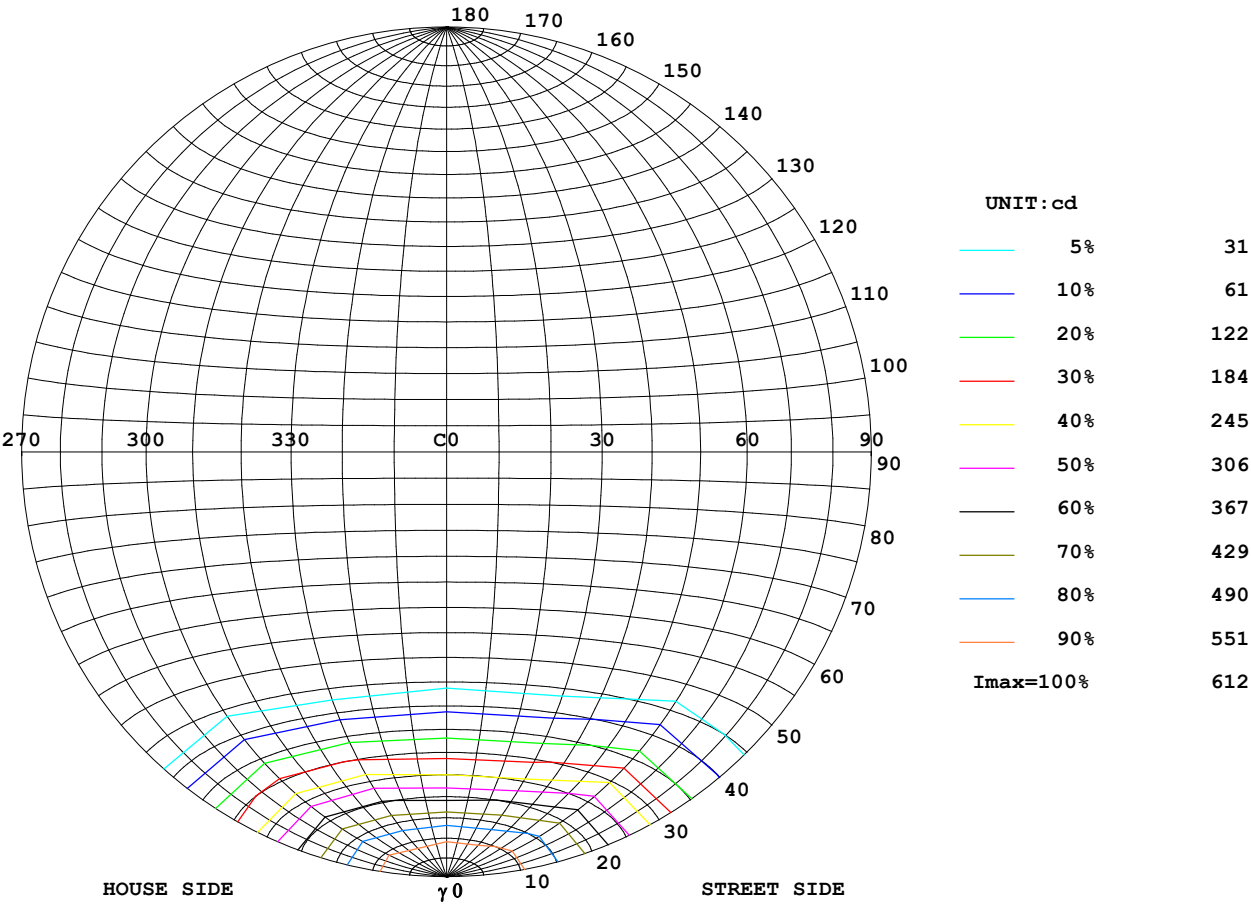
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K 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

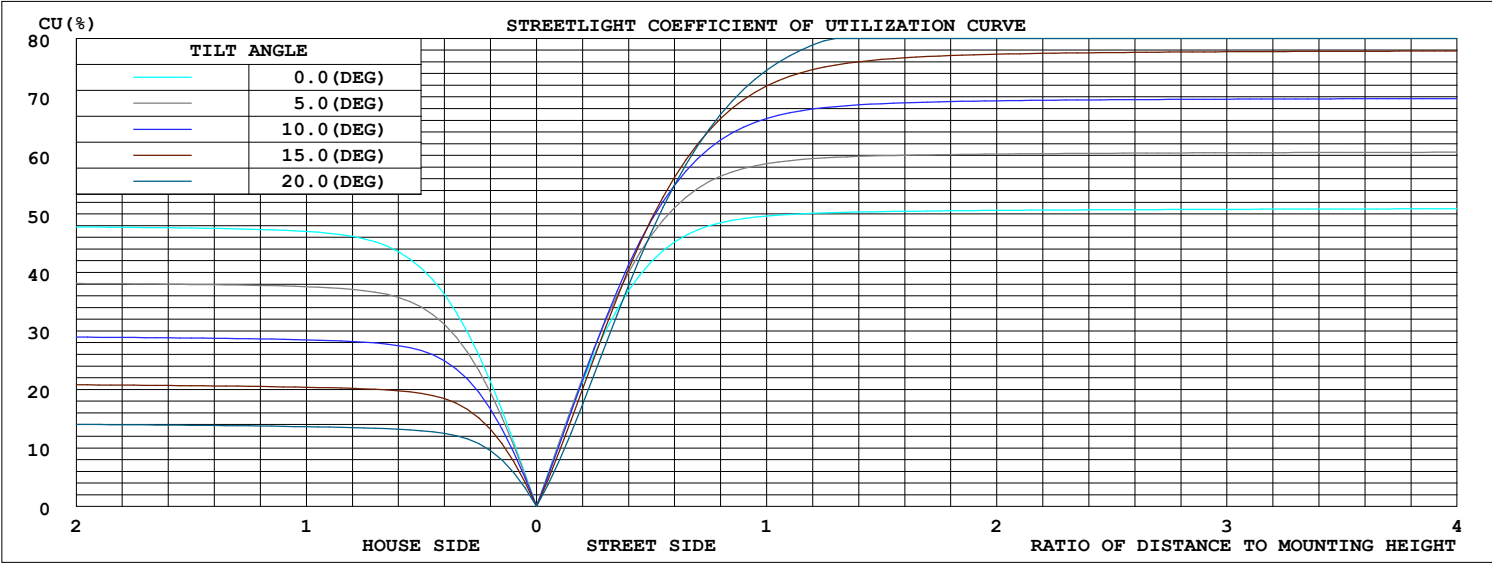
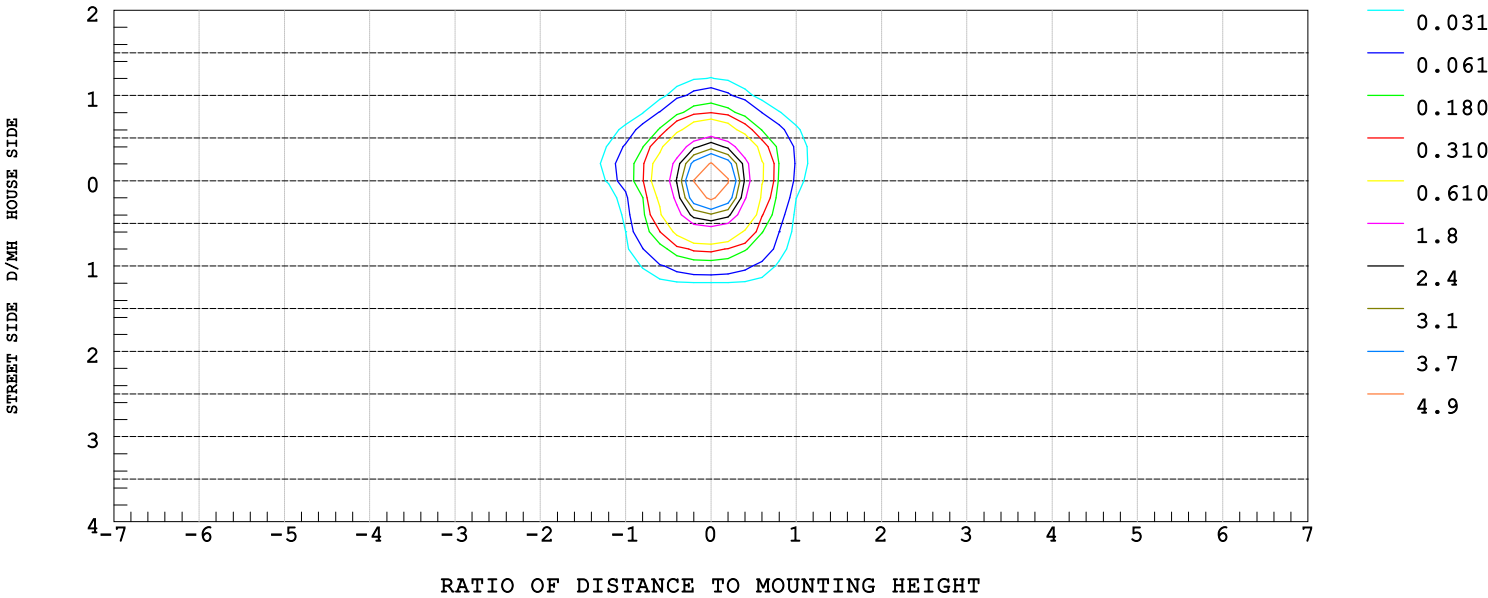
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 6.12 lx



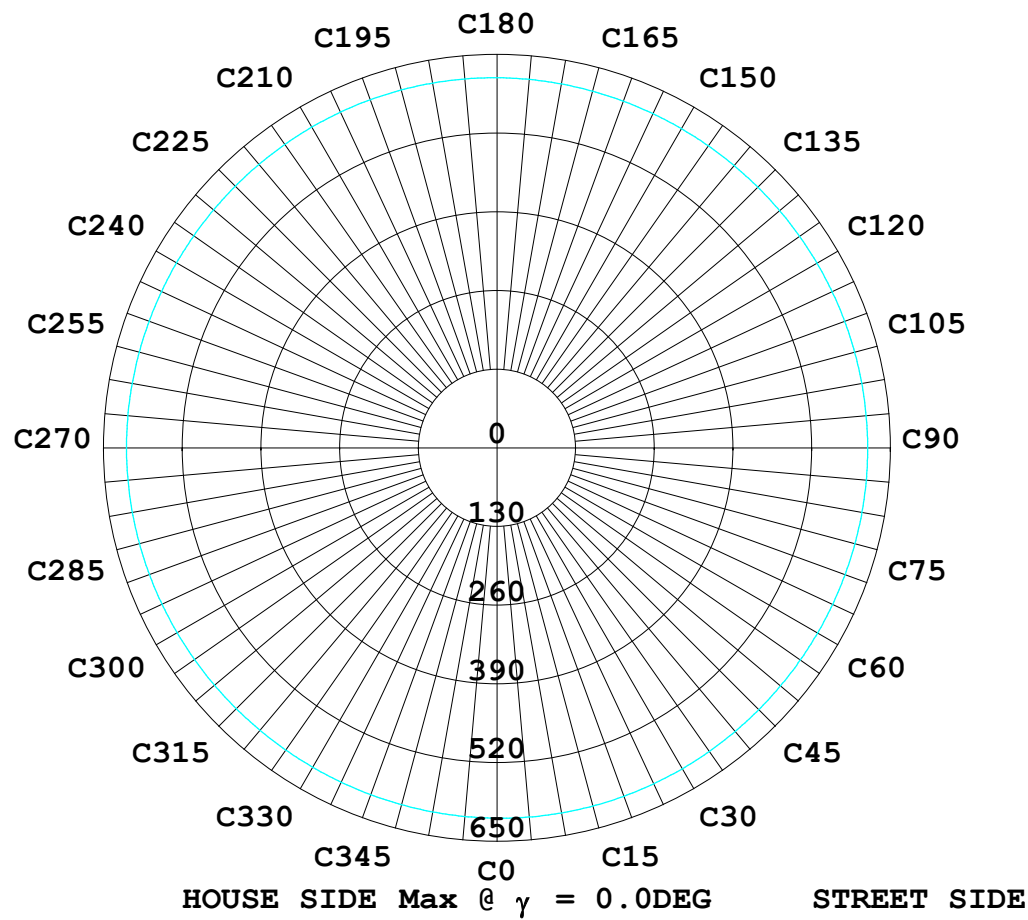
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K 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:9.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 4000K 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	612	612	612	612	610	609	612	612	612	612	610	609
5.0	593	592	600	600	603	598	599	600	591	592	584	589
10.0	542	543	561	559	566	550	551	556	541	545	533	544
15.0	458	462	499	493	499	466	461	477	468	475	462	466
20.0	347	373	419	413	417	378	328	368	377	389	373	365
25.0	244	254	331	316	320	228	214	261	273	280	274	258
30.0	161	172	238	218	207	129	116	161	172	193	182	174
35.0	98.5	100	145	126	120	62.0	57.8	83.4	86.4	105	101	101
40.0	48.3	49.7	78.6	60.3	59.2	27.2	26.8	42.2	38.0	50.7	44.4	52.3
45.0	24.2	21.7	37.0	27.0	30.5	13.0	12.2	21.2	16.0	24.0	18.1	24.8
50.0	13.2	9.65	18.3	11.4	16.1	6.22	6.04	11.9	6.49	12.4	6.94	12.9
55.0	8.12	4.24	9.83	4.69	9.11	3.24	3.42	7.76	2.79	7.58	2.88	7.94
60.0	5.77	2.34	6.22	2.16	5.95	2.16	2.61	5.77	1.53	5.32	1.53	5.68
65.0	4.96	1.80	4.87	1.26	4.60	1.80	2.70	4.87	1.26	4.24	1.17	4.69
70.0	4.51	1.71	4.06	0.99	3.88	1.89	2.79	4.51	1.35	3.61	1.17	4.06
75.0	4.24	1.71	3.70	0.90	3.61	1.89	2.88	4.24	1.44	3.15	1.17	3.70
80.0	3.79	1.71	3.33	0.90	3.33	1.98	2.88	3.88	1.44	2.70	1.26	3.51
85.0	3.51	1.80	3.06	0.81	3.06	2.16	2.16	3.70	1.53	2.34	1.26	3.33
90.0	2.61	2.16	2.79	0.99	2.88	2.43	1.89	3.51	1.62	2.07	1.44	2.97

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:9.500 m
Remarks: 4000K