

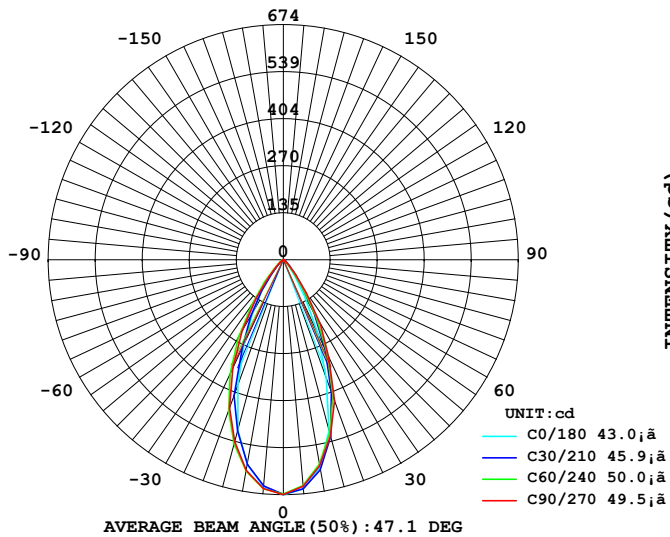
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

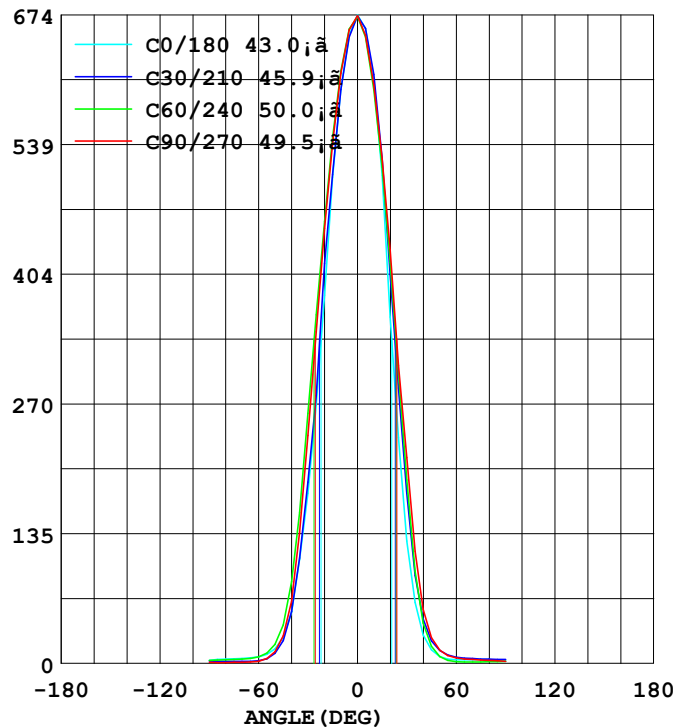
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: ALCON 3	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	673.7	S/MH (C0/180)	0.70
MODEL	ALCON 3	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.79
NOMINAL POWER (W)	5	TOTAL FLUX (lm)	451.36	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	88.5	Current (A)	0.028
NOMINAL FLUX (lm)	451.4	η up (%)	0.0	Power (W)	5.100
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.996
TEST VOLTAGE (V)	219.7	Effective Flux (lm)	410.2	EEI	0.134

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 10.000 m
 Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

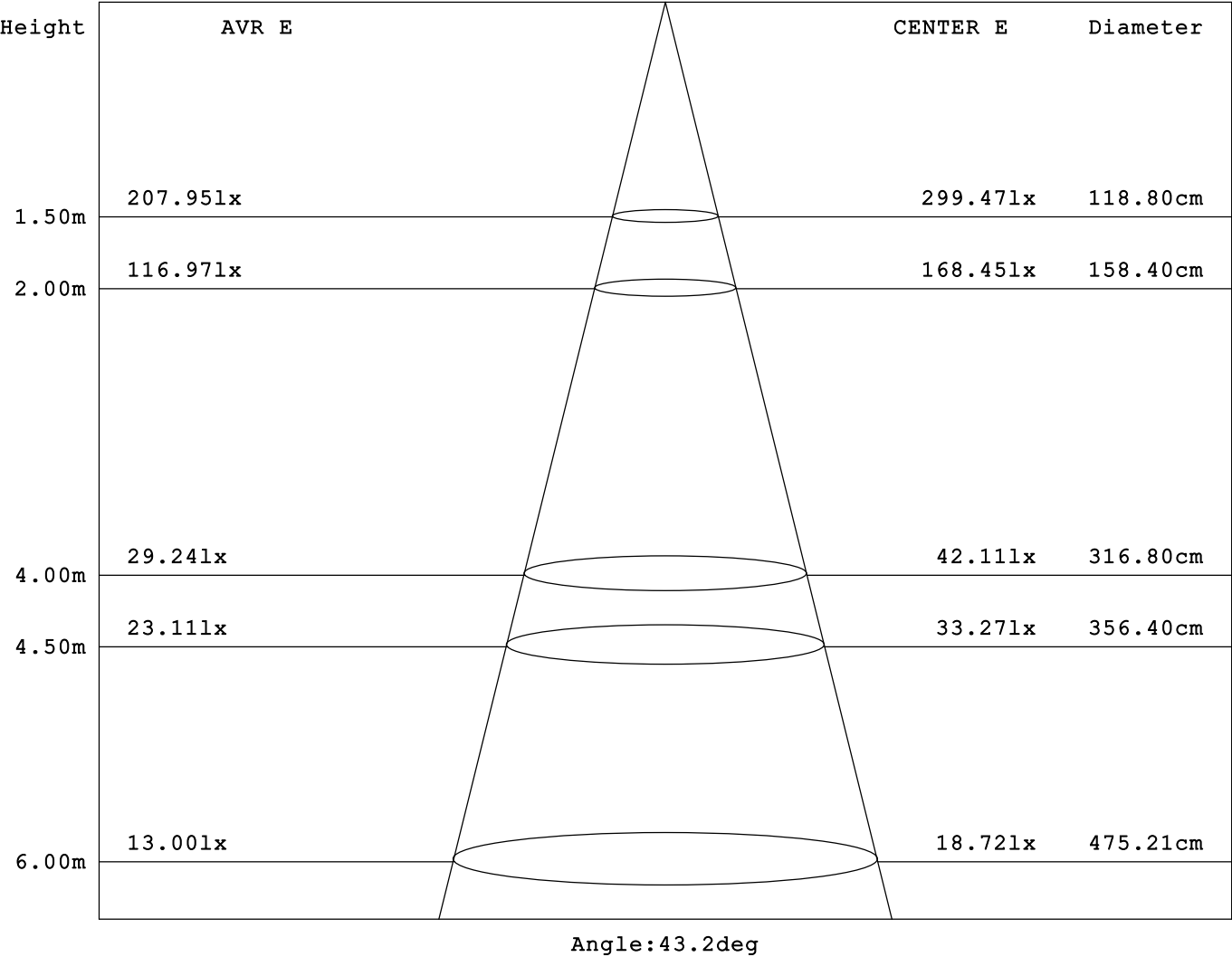
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

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Humidity:65.0%
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Remarks: 5700K

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: 5700K 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:10.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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	596.4	605.7	613.2	612.2	606.1	603.9	600.7	592.5	0- 10	60.87	60.87
20.0	382.6	437.0	452.0	418.7	360.0	410.1	429.6	406.5	10- 20	143.7	204.6
30.0	176.8	224.0	236.7	182.7	127.1	183.5	214.0	196.8	20- 30	136.8	341.5
40.0	53.20	69.39	64.70	46.90	29.69	44.25	56.50	53.54	30- 40	71.34	412.8
50.0	15.00	15.25	12.20	12.05	7.200	10.25	13.79	11.00	40- 50	21.77	434.6
60.0	6.800	4.750	2.300	4.500	3.700	4.100	5.900	3.900	50- 60	6.640	441.2
70.0	5.300	3.300	1.200	3.200	3.900	3.250	4.000	2.900	60- 70	3.702	444.9
80.0	4.600	2.950	0.900	3.050	4.000	3.100	3.000	2.600	70- 80	3.327	448.2
90.0	3.200	2.850	1.100	2.950	3.100	3.000	2.200	2.500	80- 90	3.061	451.3
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

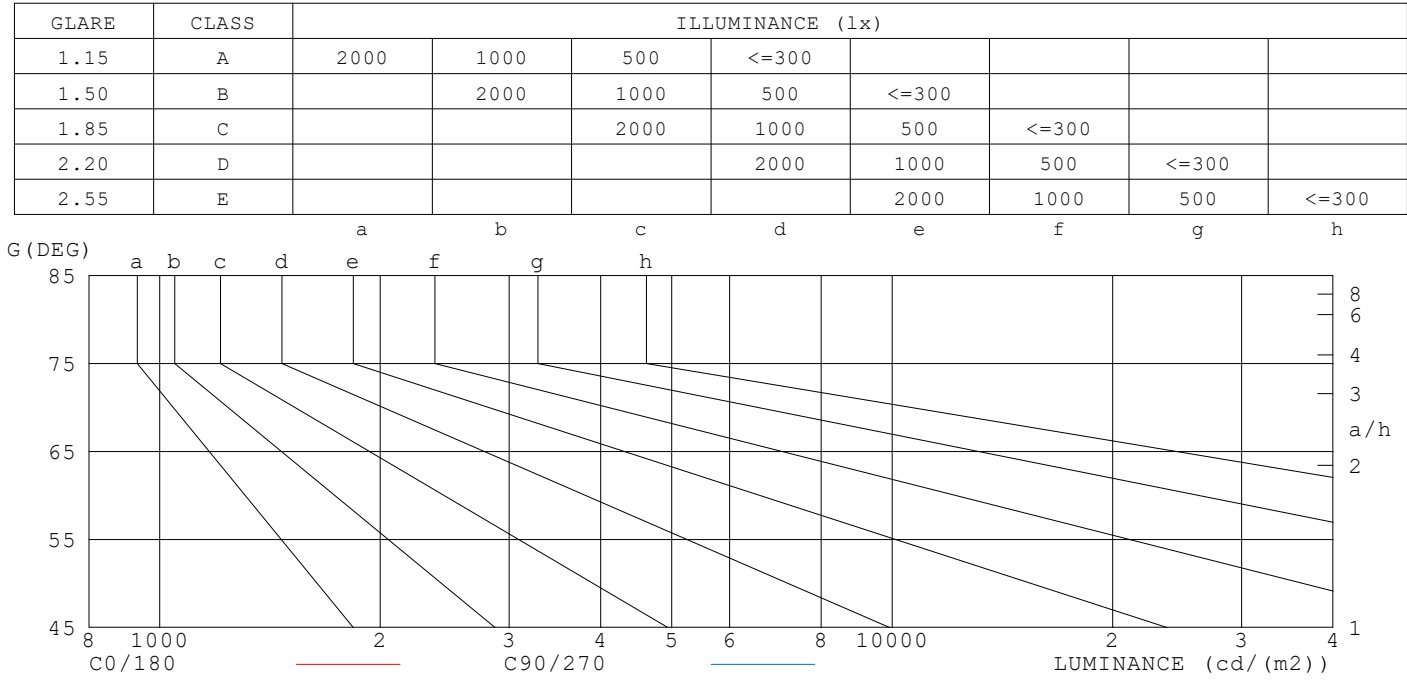
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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	493	103
80	265	52
75	189	39
70	155	35
65	140	33
60	136	46
55	164	87
50	233	190
45	383	409

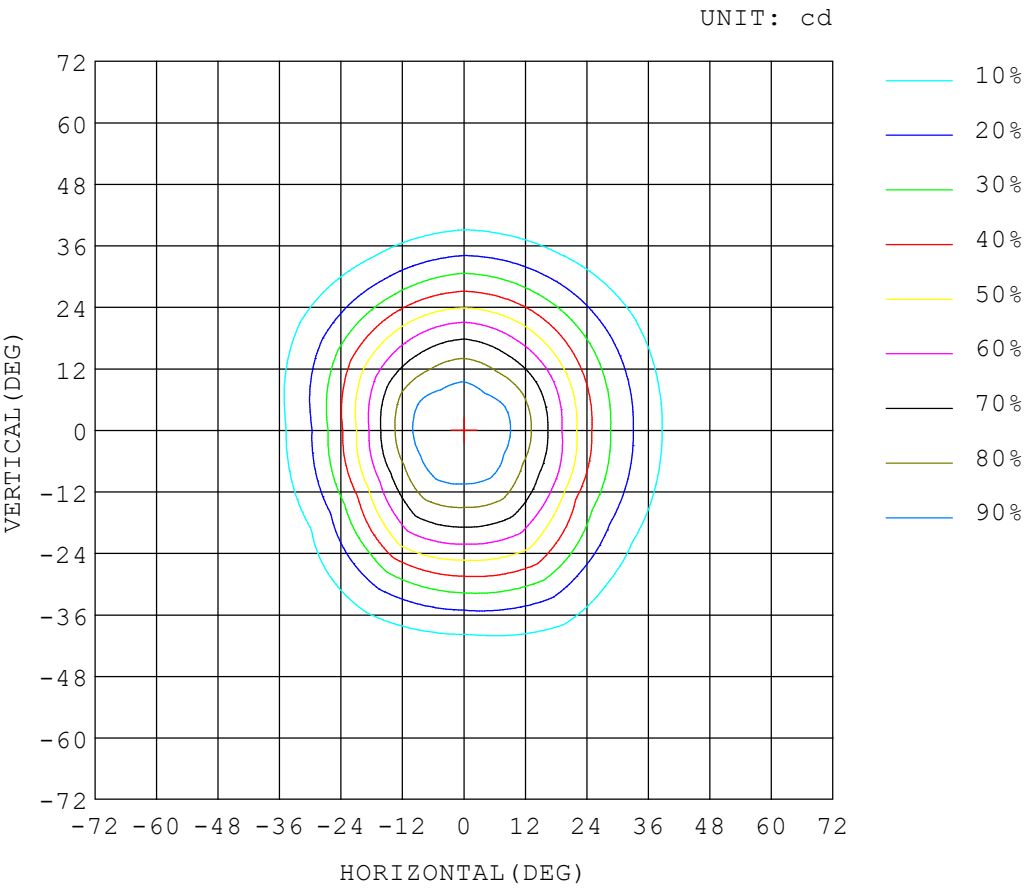
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:



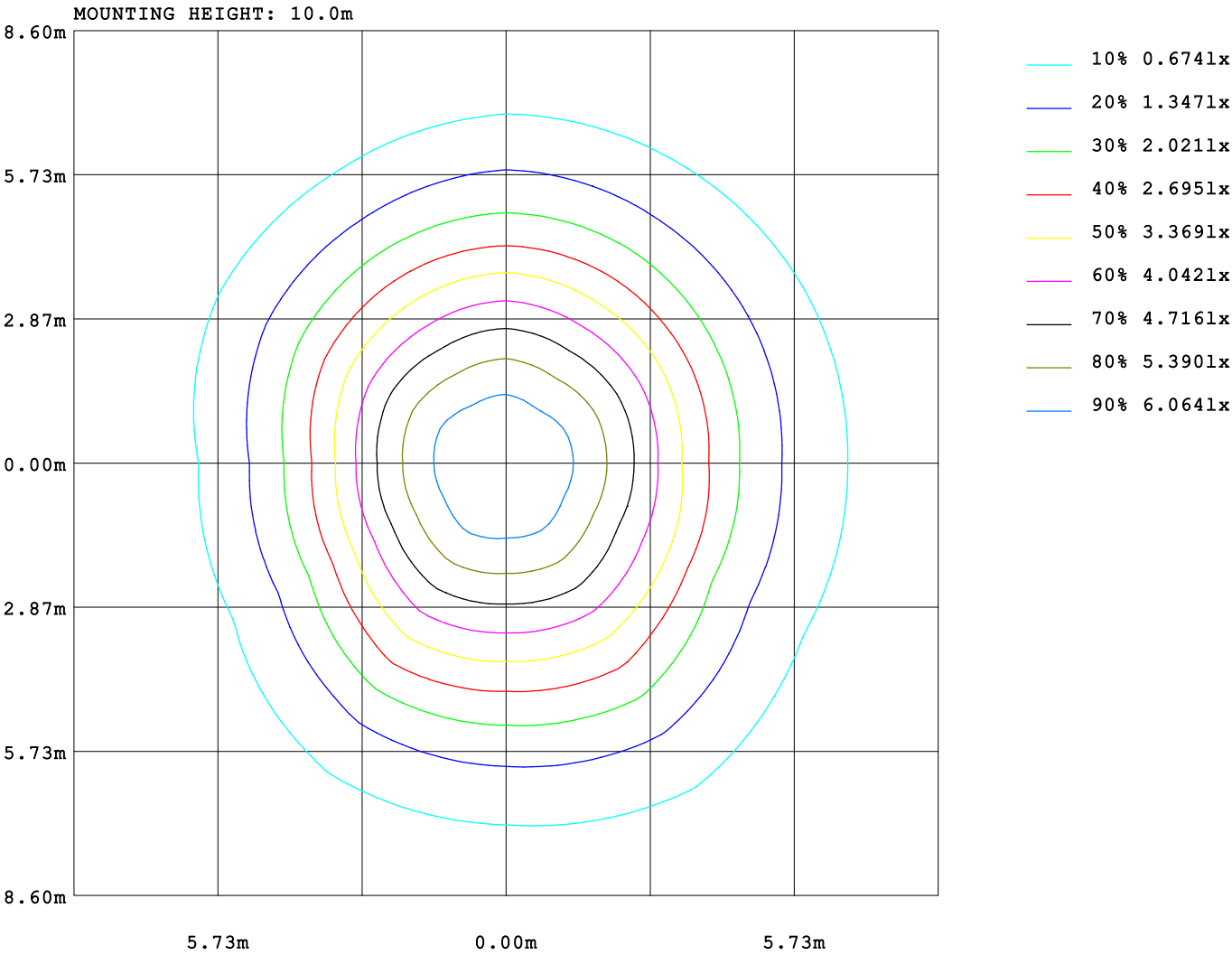
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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:10.000 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: ALCON 3										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: OSRAM -250 MA										DIMENSION: L-72 W--32 H-46 MM					SERIAL No.:				

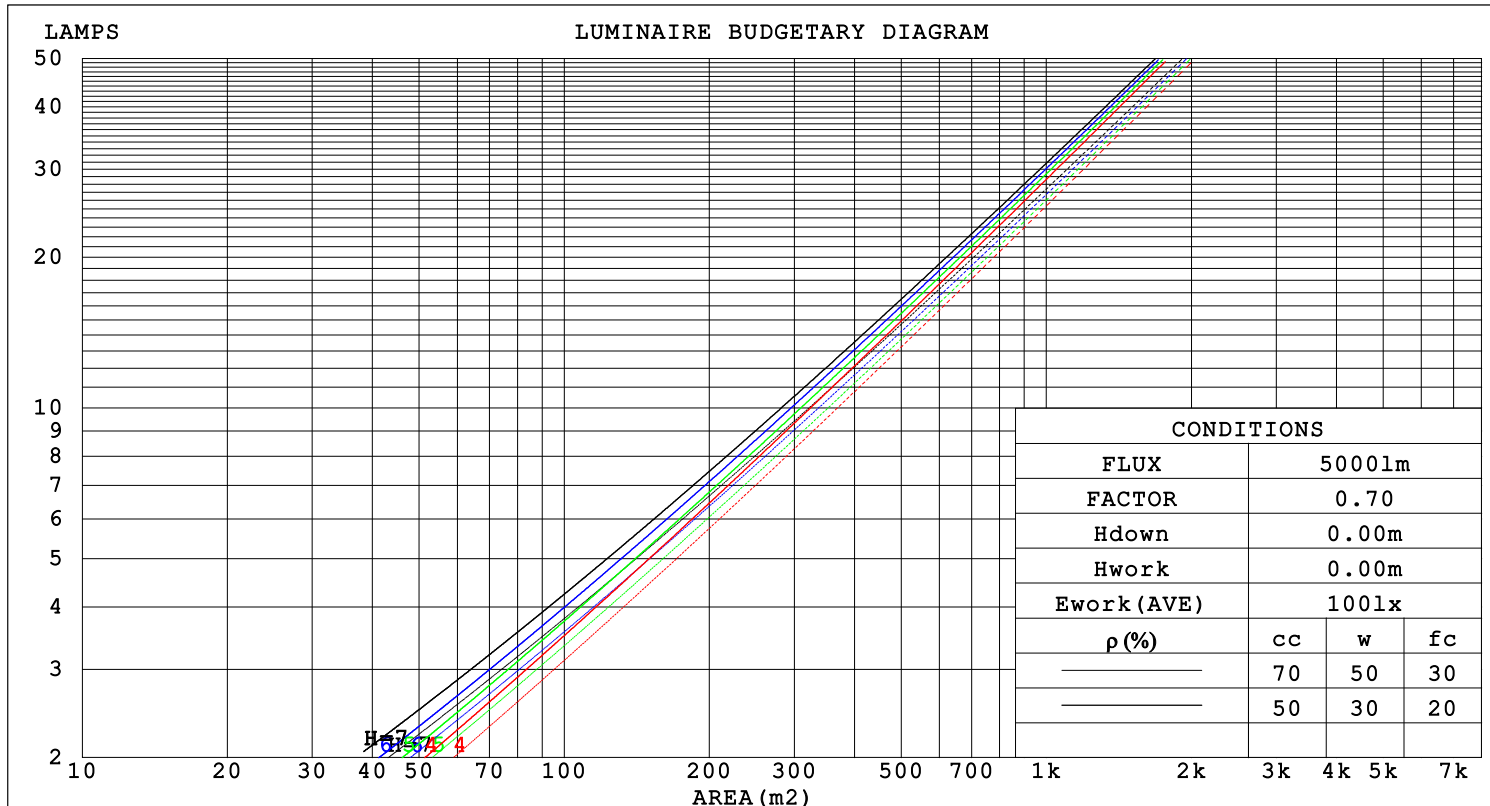
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.03	0.04	0.05	0.05	0.04	0.03	0.04	0.06	0.07	0.07	0.06	0.04	0.03	0.03	0.04	0.04	0.04	0.03	0.79	0.00		
64	0.03	0.04	0.05	0.05	0.04	0.03	0.05	0.08	0.11	0.11	0.08	0.04	0.03	0.04	0.05	0.05	0.04	0.03	0.94	0.00		
56	0.03	0.05	0.06	0.06	0.06	0.06	0.09	0.15	0.21	0.21	0.15	0.09	0.06	0.06	0.06	0.05	0.04	0.03	1.51	0.00		
48	0.03	0.05	0.07	0.09	0.11	0.15	0.25	0.44	0.62	0.63	0.48	0.28	0.17	0.11	0.08	0.06	0.05	0.03	3.69	0.00		
40	0.03	0.05	0.07	0.13	0.22	0.42	0.80	1.40	1.95	2.01	1.54	0.94	0.49	0.24	0.13	0.08	0.05	0.03	10.6	6.16		
32	0.03	0.05	0.08	0.18	0.43	1.00	2.14	3.62	4.67	4.71	3.79	2.41	1.21	0.51	0.21	0.10	0.06	0.04	25.2	22.5		
24	0.03	0.05	0.09	0.23	0.70	1.94	4.14	6.46	7.95	7.92	6.45	4.29	2.25	0.90	0.30	0.12	0.06	0.04	43.9	41.8		
VERTICAL (DEG)	0.03	0.04	0.09	0.27	0.92	2.79	5.93	9.02	10.7	10.6	8.89	5.96	3.19	1.29	0.41	0.14	0.07	0.04	60.4	58.5		
	0.03	0.04	0.08	0.27	0.99	3.07	6.71	10.5	12.4	12.2	10.4	6.94	3.67	1.53	0.47	0.16	0.07	0.04	69.8	68.0		
	0.03	0.04	0.07	0.25	0.93	2.92	6.54	10.4	12.5	12.4	10.3	6.98	3.64	1.52	0.46	0.15	0.07	0.04	69.5	67.7		
	0.03	0.03	0.07	0.21	0.75	2.38	5.51	9.17	11.1	11.1	9.30	6.05	3.14	1.26	0.39	0.13	0.06	0.04	60.8	58.9		
	0.02	0.03	0.05	0.15	0.49	1.60	4.11	7.13	8.55	8.58	7.35	4.71	2.30	0.86	0.27	0.10	0.05	0.03	46.4	44.4		
-24	0.02	0.03	0.04	0.10	0.30	0.98	2.46	4.26	5.27	5.41	4.72	3.05	1.42	0.49	0.16	0.07	0.04	0.03	28.8	26.7		
-32	0.02	0.03	0.03	0.07	0.19	0.51	1.14	1.83	2.32	2.44	2.13	1.47	0.70	0.27	0.09	0.04	0.03	0.03	13.3	10.0		
-40	0.02	0.02	0.03	0.05	0.12	0.26	0.46	0.63	0.73	0.77	0.72	0.54	0.31	0.14	0.06	0.03	0.03	0.03	4.93	0.00		
-48	0.02	0.02	0.03	0.04	0.08	0.14	0.19	0.20	0.20	0.21	0.22	0.20	0.15	0.08	0.05	0.03	0.03	0.02	1.91	0.00		
-56	0.02	0.02	0.03	0.04	0.06	0.09	0.09	0.08	0.06	0.06	0.08	0.10	0.09	0.07	0.04	0.03	0.02	0.02	1.03	0.00		
-64	0.02	0.02	0.03	0.04	0.06	0.07	0.07	0.05	0.03	0.03	0.05	0.07	0.07	0.06	0.04	0.03	0.02	0.02	0.80	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	0.48	0.65	1.02	2.27	6.48	18.4	40.7	65.6	79.6	79.7	66.8	44.2	22.9	9.48	3.31	1.40	0.83	0.57	451			
Φ a	0.00	0.00	0.00	0.00	1.60	15.2	38.1	63.2	77.3	77.4	64.5	41.8	20.1	5.40	0.00	0.00	0.00	0.00		410		

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:10.000 m
Remarks: 5700K

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	1.10	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	.94	.98	.95	.92	.95	.93	.90	.92	.90	.89	.87														
3.0	.96	.91	.87	.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	.78	.83	.80	.78	.76														
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.73	.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	.62	.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 Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: ALCON 3								TYPE: 5700K 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	.101	.032	.164	.094	.030	.152	.088	.028	.141	.082	.026	
2.0	.171	.094	.029	.166	.091	.028	.155	.086	.027	.145	.082	.026	.136	.077	.024	
3.0	.161	.086	.026	.157	.084	.025	.148	.080	.024	.139	.076	.023	.131	.073	.023	
4.0	.152	.079	.023	.148	.078	.023	.141	.075	.022	.133	.072	.022	.127	.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	.020	.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	.044	.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:10.000 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: ALCON 3					TYPE: 5700K 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	3.4	4.3	3.6	4.5	4.6	5.3	6.2	5.5	6.4	6.6
	3H	3.6	4.5	3.9	4.7	4.9	5.2	6.1	5.5	6.3	6.5
	4H	3.9	4.8	4.2	5.0	5.2	5.2	6.0	5.5	6.2	6.5
	6H	4.6	5.4	4.9	5.6	5.8	5.2	5.9	5.5	6.2	6.4
	8H	5.2	5.9	5.5	6.2	6.4	5.2	5.9	5.5	6.2	6.4
	12H	5.8	6.5	6.2	6.8	7.1	5.2	5.9	5.5	6.2	6.4
4H	2H	3.2	4.1	3.5	4.3	4.5	5.1	5.9	5.4	6.2	6.4
	3H	3.5	4.2	3.8	4.5	4.8	5.2	5.9	5.5	6.1	6.4
	4H	4.0	4.6	4.3	4.9	5.2	5.2	5.9	5.6	6.2	6.5
	6H	4.9	5.4	5.2	5.8	6.1	5.3	5.9	5.7	6.2	6.6
	8H	5.7	6.2	6.0	6.5	6.9	5.4	5.9	5.8	6.3	6.7
	12H	6.6	7.0	7.0	7.4	7.8	5.5	6.0	5.9	6.4	6.7
8H	4H	4.0	4.6	4.4	4.9	5.3	5.3	5.8	5.7	6.1	6.5
	6H	5.1	5.5	5.5	5.9	6.3	5.6	6.1	6.1	6.5	6.9
	8H	6.0	6.4	6.4	6.8	7.2	5.9	6.3	6.3	6.7	7.1
	12H	7.1	7.4	7.6	7.9	8.4	6.2	6.5	6.7	7.0	7.4
12H	4H	4.1	4.6	4.5	4.9	5.3	5.3	5.7	5.7	6.1	6.5
	6H	5.2	5.5	5.6	6.0	6.4	5.7	6.1	6.2	6.5	6.9
	8H	6.1	6.5	6.6	6.9	7.4	6.1	6.4	6.6	6.9	7.3
Variations with the observer position at spacings:											
S = 1.0H		+ 1.1 / - 1.2					+ 1.9 / - 2.8				
1.5H		+ 2.3 / - 1.3					+ 3.7 / - 2.9				
2.0H		+ 1.9 / - 0.6					+ 2.5 / - 1.3				

CIE Pub.117 Corrected 451.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.8)

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:10.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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	92	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	90
2.00	108	103	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	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	105	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

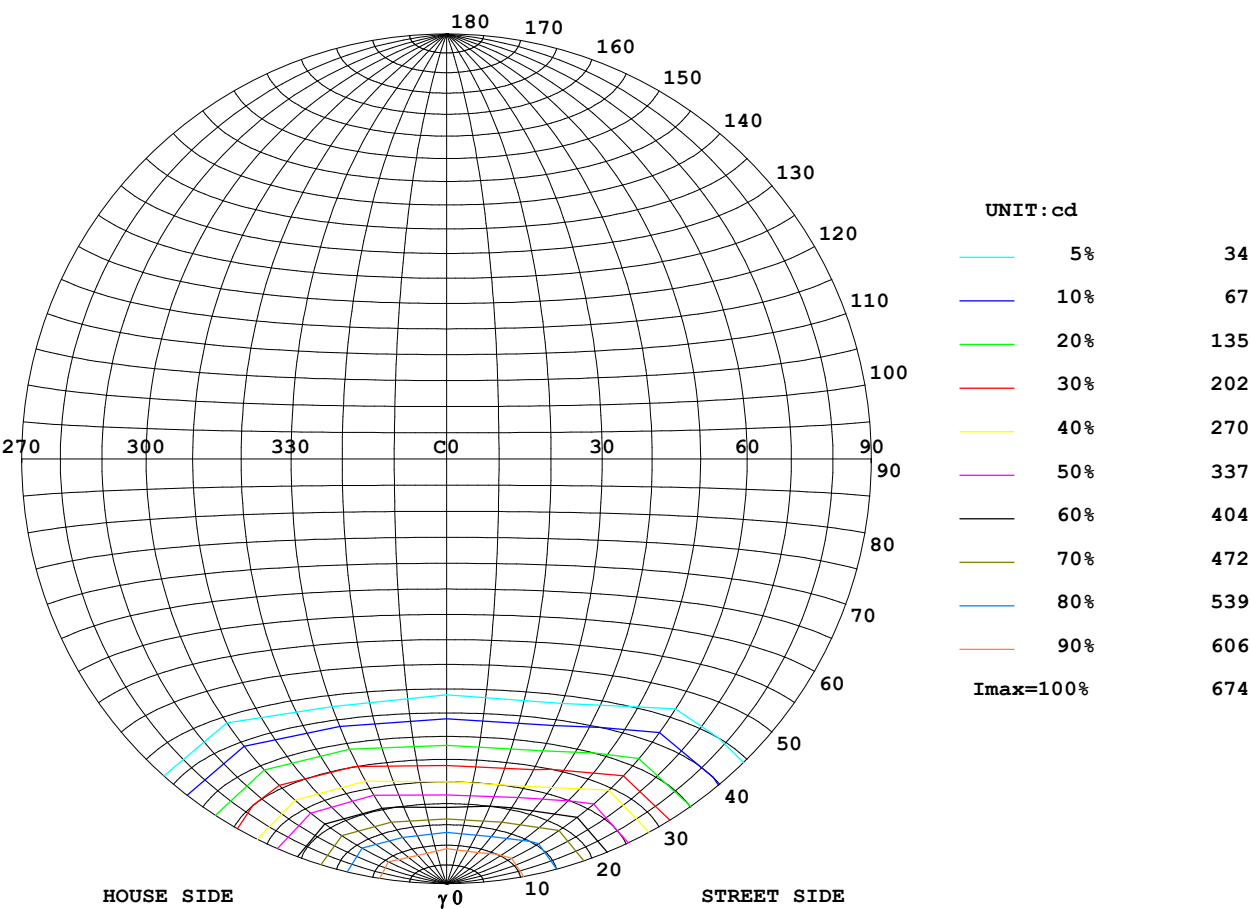
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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

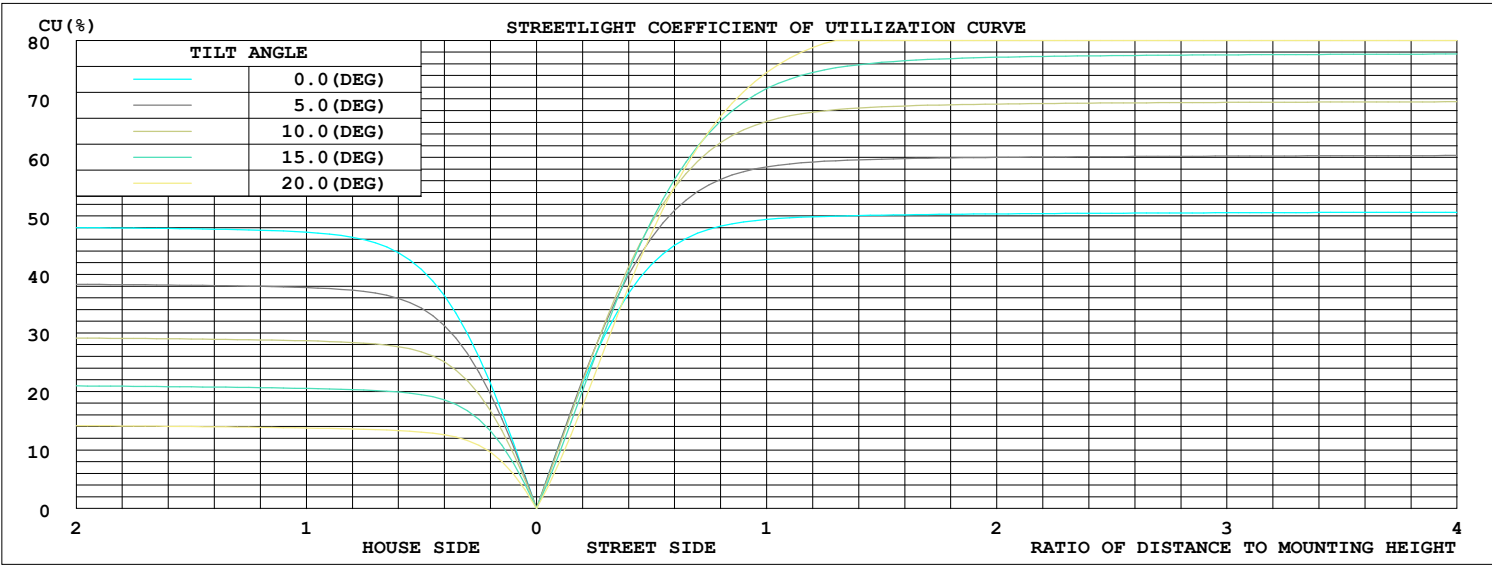
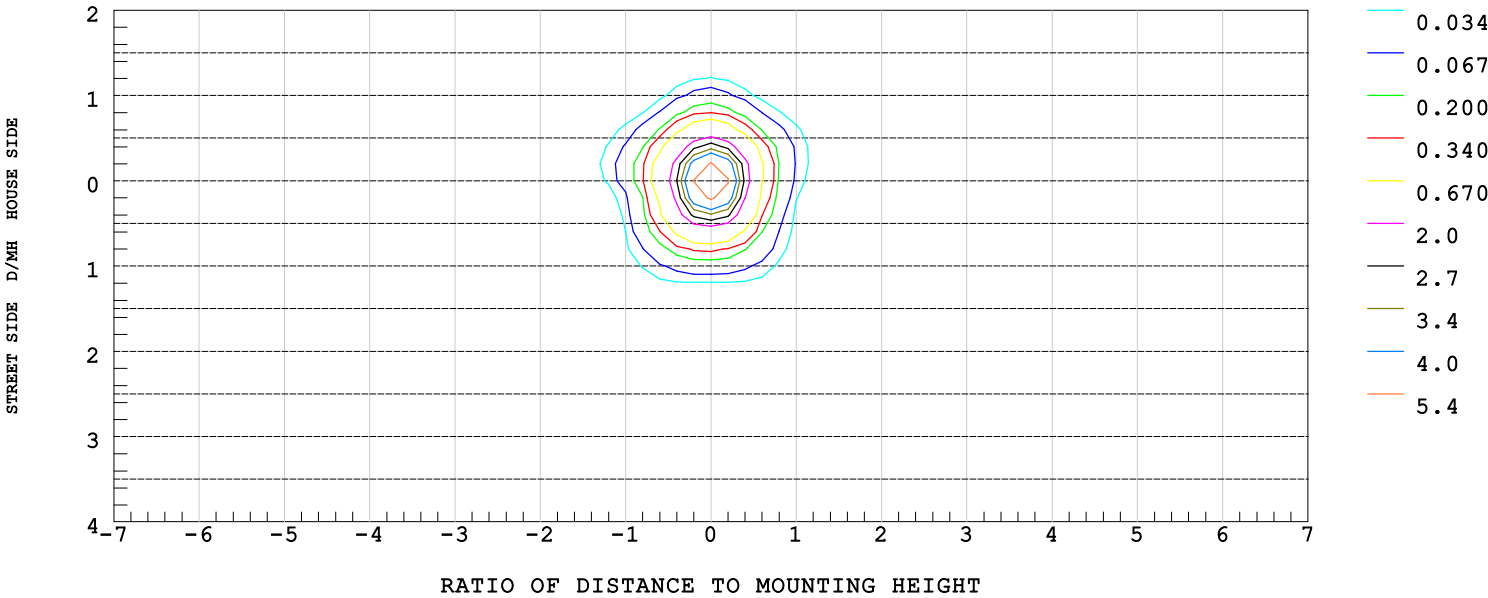
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: OSRAM -250 MA	DIMENSION: L-72 W--32 H-46 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 6.74 lx



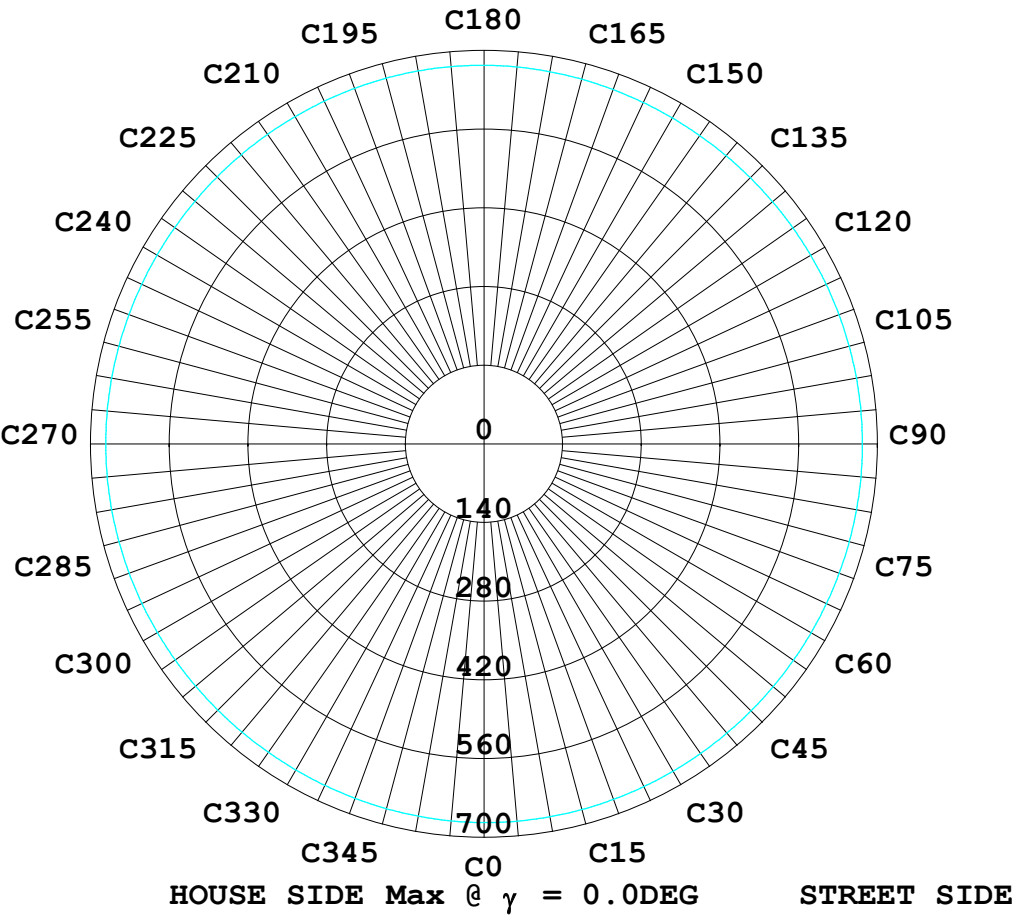
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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:10.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: ALCON 3	TYPE: 5700K 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	674	673	672	673	671	670	674	673	672	673	671	670
5.0	653	651	659	658	663	658	660	660	651	652	643	649
10.0	596	596	616	613	620	604	606	612	596	601	586	599
15.0	505	508	546	540	548	511	507	525	516	524	509	513
20.0	383	415	459	452	456	381	360	404	416	430	411	402
25.0	269	278	362	345	350	250	235	286	301	310	303	284
30.0	177	188	260	237	225	140	127	177	191	214	201	192
35.0	108	110	157	136	130	67.2	63.3	91.2	95.5	117	112	112
40.0	53.2	53.8	84.8	64.7	64.2	29.6	29.6	46.3	42.0	56.5	49.2	57.7
45.0	27.1	23.7	40.0	28.9	33.0	14.2	14.0	23.5	17.7	26.8	20.2	27.4
50.0	15.0	10.5	19.9	12.2	17.4	6.70	7.20	13.3	7.20	13.7	7.70	14.3
55.0	9.40	4.70	10.7	5.00	9.90	3.60	4.50	8.70	3.10	8.29	3.20	8.70
60.0	6.80	2.70	6.80	2.30	6.60	2.40	3.70	6.50	1.70	5.90	1.60	6.20
65.0	5.90	2.20	5.30	1.40	5.00	1.90	3.70	5.40	1.50	4.60	1.20	5.10
70.0	5.30	2.10	4.50	1.20	4.40	2.00	3.90	5.00	1.50	4.00	1.30	4.50
75.0	4.90	2.20	4.20	1.00	4.00	2.20	4.00	4.60	1.60	3.50	1.40	4.10
80.0	4.60	2.20	3.70	0.90	3.80	2.30	4.00	4.50	1.70	3.00	1.30	3.90
85.0	4.30	2.30	3.40	0.90	3.40	2.30	3.20	4.20	1.70	2.70	1.30	3.60
90.0	3.20	2.60	3.10	1.10	3.20	2.70	3.10	4.00	2.00	2.20	1.60	3.40

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:10.000 m
Remarks: 5700K