

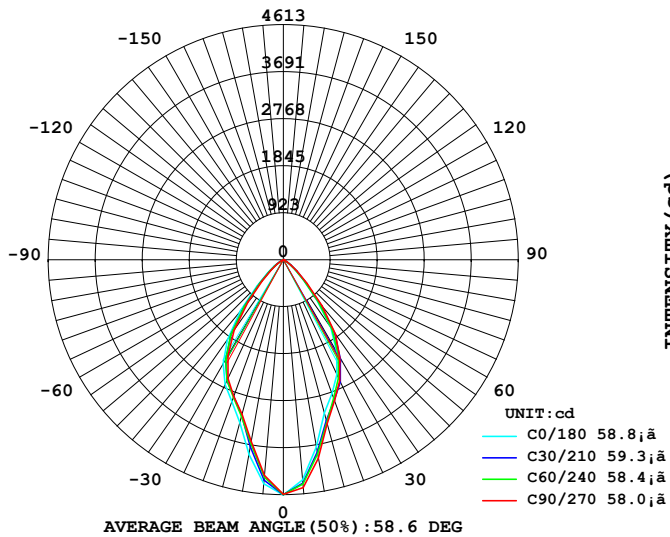
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

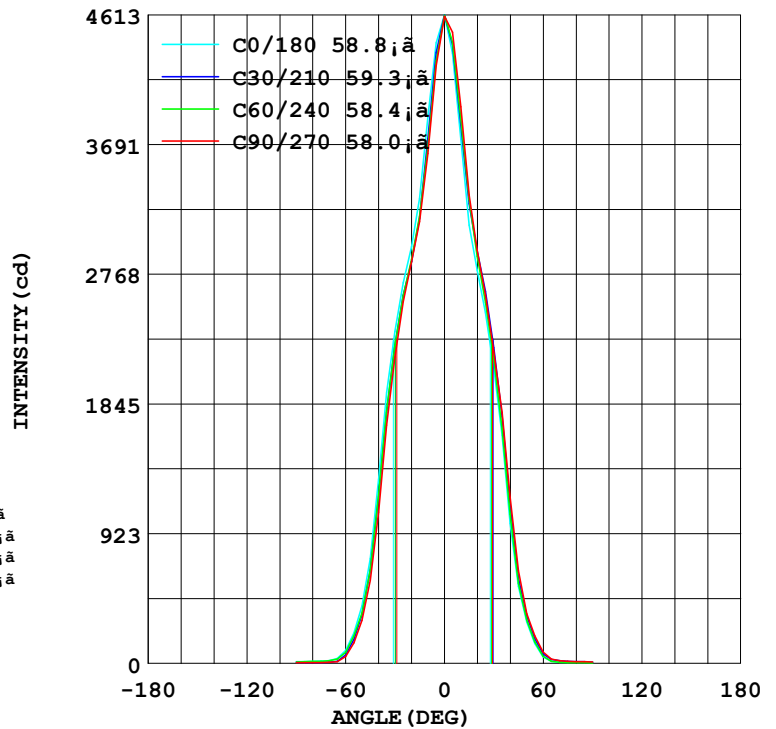
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	4613	S/MH (C0/180)	0.80
MODEL	XTO ROUND RING	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.76
NOMINAL POWER (W)	40	TOTAL FLUX (lm)	4322.9	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	109.4	Current (A)	0.185
NOMINAL FLUX (lm)	4323.0	η up (%)	0.0	Power (W)	39.50
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.980
TEST VOLTAGE (V)	219.5	Effective Flux (lm)	4030.2	EEI	0.134

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-27-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.000 m
 Remarks: 5700K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:

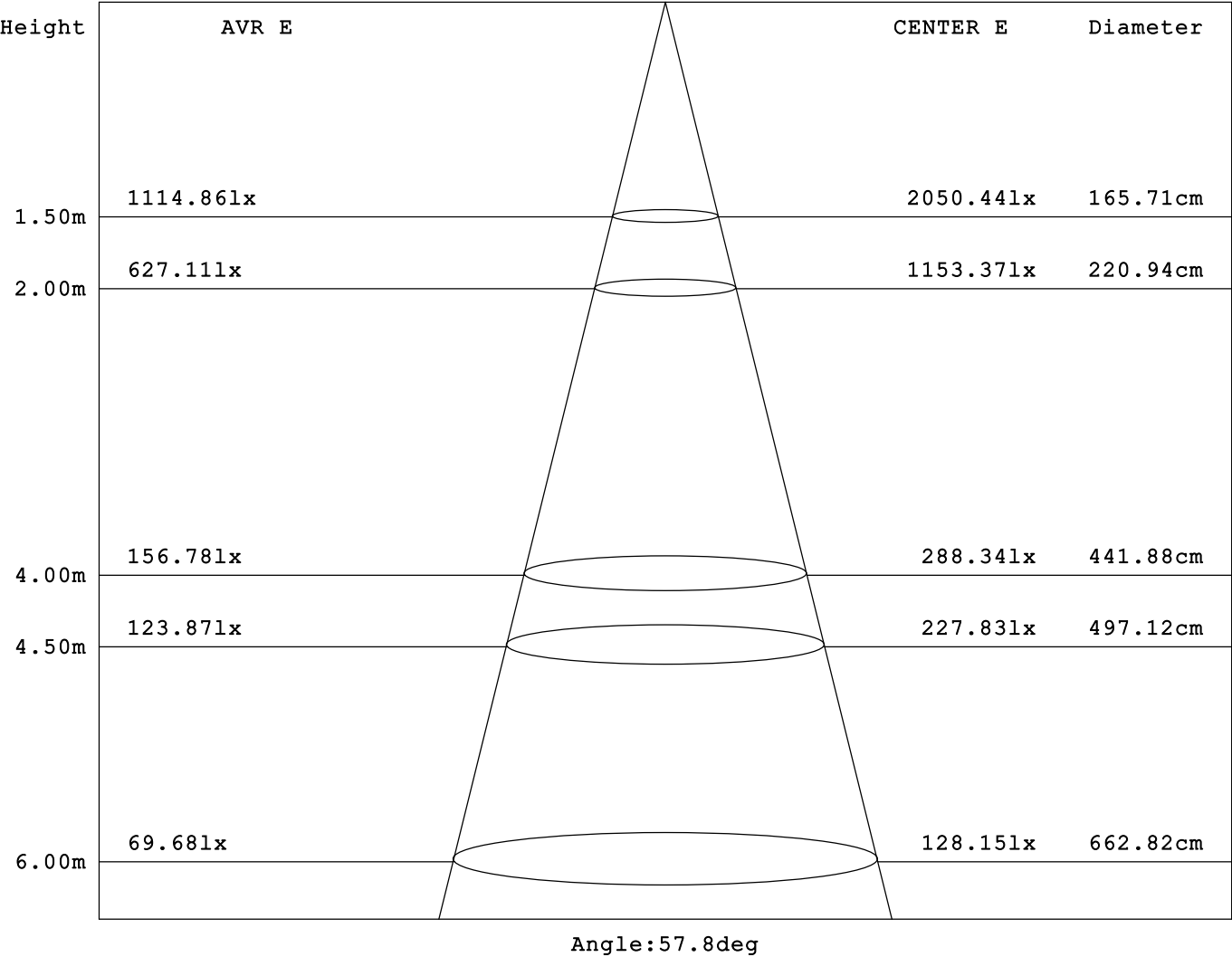
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	3884	3704	3627	3595	3730	3852	3958	4021	0- 10	399.4	399.4
20.0	2965	2866	2857	2777	2798	2916	2940	3011	10- 20	921.4	1321
30.0	2361	2263	2180	2098	2101	2206	2215	2357	20- 30	1188	2509
40.0	1310	1191	1076	979.4	996.1	1091	1183	1300	30- 40	1070	3578
50.0	409.5	351.6	305.8	297.6	295.1	322.8	354.5	381.0	40- 50	524.8	4103
60.0	92.56	69.69	48.88	51.66	46.58	59.83	80.34	80.70	50- 60	167.1	4271
70.0	20.44	13.24	7.139	12.88	8.954	12.70	18.99	13.79	60- 70	30.56	4301
80.0	14.52	9.922	6.171	9.982	7.744	9.135	13.18	9.438	70- 80	12.01	4313
90.0	11.97	8.893	5.687	7.986	8.349	6.352	9.317	7.623	80- 90	9.921	4323
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:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

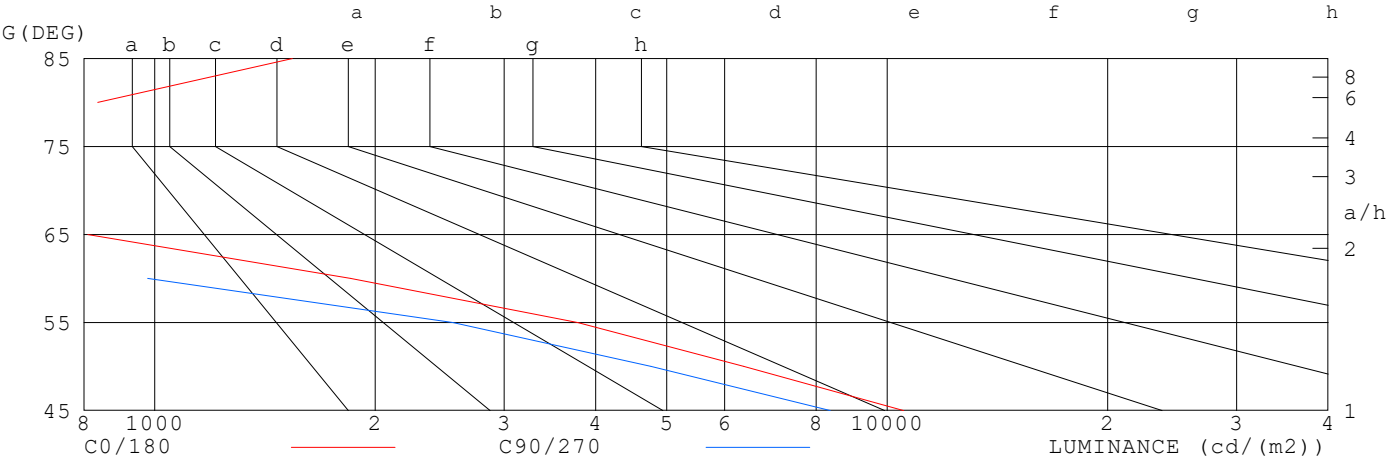
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 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	1541	708
80	836	355
75	640	243
70	598	209
65	810	306
60	1851	978
55	3780	2555
50	6372	4759
45	10527	8359

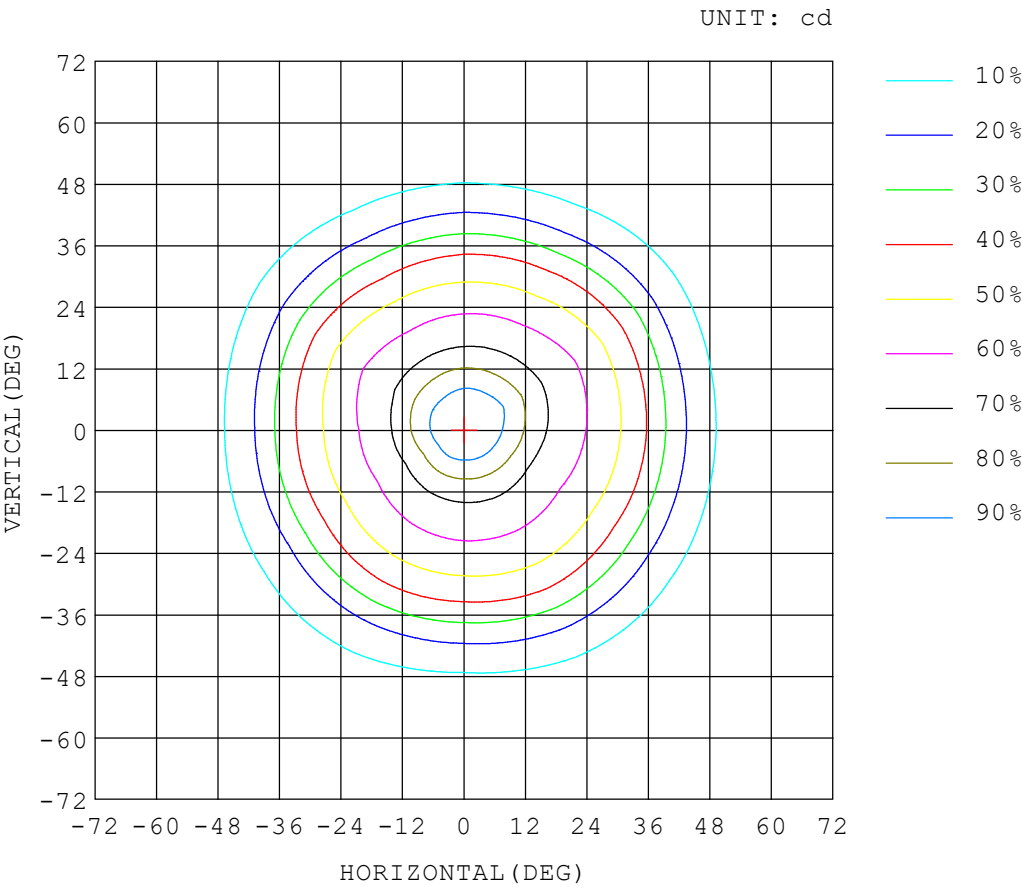
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:



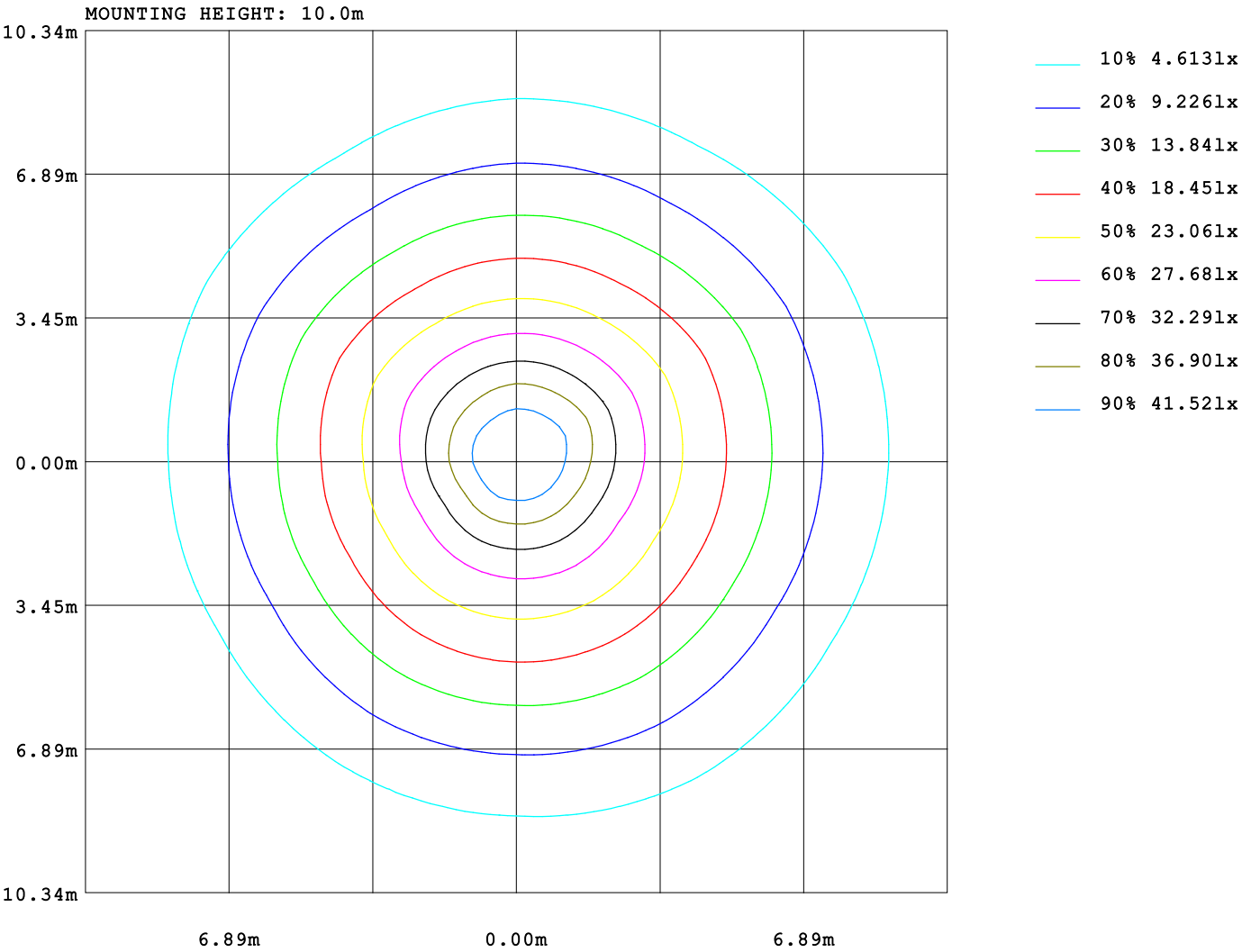
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: XTO ROUND RING										TYPE: 5700K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM -1050 MA										DIMENSION: D-460 H-76 MM					SERIAL No.:				

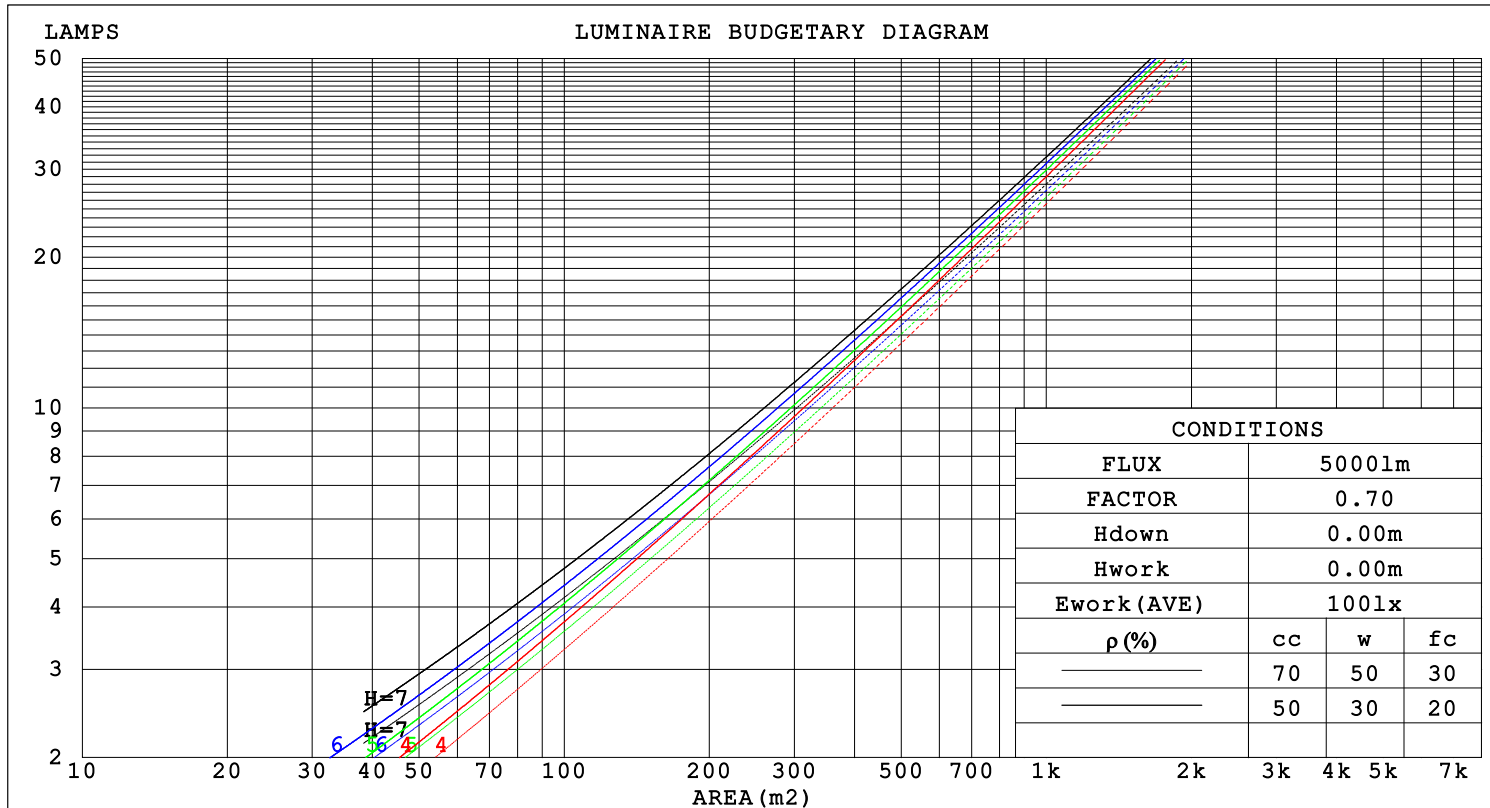
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.08	0.13	0.15	0.16	0.15	0.14	0.22	0.33	0.44	0.44	0.34	0.24	0.16	0.16	0.16	0.16	0.14	0.10	3.68	0.00		
64	0.08	0.14	0.19	0.22	0.30	0.45	0.83	1.31	1.70	1.74	1.41	0.96	0.57	0.37	0.26	0.20	0.15	0.10	10.9	0.00		
56	0.09	0.15	0.26	0.49	1.05	1.98	3.26	4.59	5.56	5.66	4.87	3.64	2.37	1.35	0.65	0.31	0.18	0.11	36.6	0.00		
48	0.09	0.18	0.47	1.32	2.99	5.32	8.30	11.9	14.6	14.9	12.8	9.29	6.17	3.61	1.72	0.64	0.23	0.12	94.8	64.9		
40	0.09	0.23	0.89	2.79	6.07	11.5	18.8	26.2	30.9	31.6	28.0	21.3	13.6	7.39	3.50	1.25	0.34	0.14	205	187		
32	0.09	0.32	1.51	4.58	10.8	21.5	32.5	40.5	45.3	45.8	42.3	35.5	25.2	13.5	5.80	2.07	0.52	0.15	329	316		
24	0.10	0.44	2.16	6.51	16.8	31.5	43.2	51.1	56.3	57.0	52.9	45.8	35.3	20.7	8.43	2.94	0.73	0.17	433	422		
VERTICAL (DEG)	0.09	0.55	2.65	8.33	21.3	37.1	49.8	59.9	69.4	70.6	62.2	52.3	40.9	25.7	10.9	3.65	0.93	0.19	517	507		
	0.09	0.60	2.90	9.26	23.3	38.9	51.6	66.1	82.5	84.3	69.6	54.6	42.8	27.9	12.3	4.07	1.04	0.20	573	564		
	0.09	0.57	2.82	9.06	22.7	38.1	50.3	63.3	79.4	80.7	66.3	53.3	42.1	27.3	12.0	3.99	1.01	0.19	554	545		
	0.08	0.48	2.43	7.83	19.7	34.7	46.6	56.3	64.9	65.8	58.2	49.4	38.5	23.9	10.2	3.42	0.85	0.17	484	475		
	0.07	0.34	1.84	5.87	14.6	28.4	40.9	49.7	54.6	55.1	51.3	43.8	32.2	18.2	7.57	2.62	0.62	0.15	408	398		
	0.06	0.21	1.15	3.80	9.56	19.5	31.4	40.0	44.5	45.1	41.8	34.3	23.0	11.7	4.93	1.70	0.40	0.12	314	301		
	0.06	0.13	0.57	2.11	5.42	10.9	18.2	25.3	29.5	30.1	27.2	20.9	12.8	6.57	2.82	0.91	0.22	0.10	194	178		
	0.05	0.08	0.24	0.95	2.64	5.28	8.47	11.4	13.4	13.8	12.3	9.39	6.06	3.28	1.32	0.37	0.13	0.08	89.5	59.1		
	0.05	0.07	0.12	0.35	0.98	2.10	3.35	4.27	4.80	4.90	4.56	3.76	2.52	1.26	0.48	0.15	0.09	0.07	33.9	0.00		
	0.05	0.06	0.10	0.18	0.35	0.64	0.90	1.12	1.21	1.25	1.23	1.02	0.74	0.40	0.20	0.10	0.07	0.07	9.72	0.00		
-24	0.05	0.06	0.10	0.15	0.23	0.31	0.31	0.28	0.23	0.23	0.29	0.32	0.32	0.23	0.15	0.10	0.07	0.06	3.49	0.00		
-32																						
-40																						
-48																						
-56																						
-64																						
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	1.36	4.73	20.5	64.0	159	289	410	514	600	610	538	440	326	194	83.6	28.6	7.74	2.30	4323			
Φ a	0.00	0.00	0.00	36.8	141	272	393	499	585	594	523	425	310	176	61.7	1.79	0.00	0.00		4030		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 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	1.07	1.05	1.08	1.05	1.03	1.04	1.02	.00	.00	.98	.97	.96	.95	.94	.92														
2.0	1.01	.97	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84														
3.0	.93	.88	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77														
4.0	.86	.80	.76	.85	.79	.75	.83	.78	.74	.81	.77	.73	.79	.75	.72	.71														
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65														
6.0	.74	.68	.63	.74	.67	.63	.72	.66	.62	.71	.66	.62	.69	.65	.62	.60														
7.0	.69	.63	.58	.69	.62	.58	.67	.62	.58	.66	.61	.57	.65	.60	.57	.55														
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.62	.57	.53	.61	.56	.53	.51														
9.0	.61	.54	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.53	.49	.48														
10.0	.57	.51	.47	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.45														



Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTO ROUND RING							TYPE: 5700K CRI-90					WEIGHT:		
SPECIFICATION: FULHAM -1050 MA							DIMENSION: D-460 H-76 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	.196	.111	.035	.189	.108	.034	.176	.101	.032	.164	.095	.030	.154	.089	.029	
2.0	.189	.103	.032	.183	.101	.031	.172	.096	.030	.162	.091	.028	.153	.087	.027	
3.0	.180	.096	.029	.175	.094	.028	.166	.090	.027	.158	.086	.026	.150	.083	.026	
4.0	.172	.089	.026	.168	.088	.026	.160	.085	.025	.152	.082	.025	.145	.079	.024	
5.0	.164	.083	.024	.160	.082	.024	.153	.080	.023	.146	.077	.023	.140	.075	.023	
6.0	.156	.078	.022	.153	.077	.022	.146	.075	.022	.141	.073	.021	.135	.071	.021	
7.0	.149	.074	.021	.146	.073	.021	.140	.071	.020	.135	.069	.020	.130	.068	.020	
8.0	.142	.069	.019	.139	.069	.019	.134	.067	.019	.130	.066	.019	.125	.064	.019	
9.0	.136	.066	.018	.133	.065	.018	.129	.064	.018	.125	.062	.018	.121	.061	.018	
10.0	.130	.062	.017	.128	.062	.017	.123	.060	.017	.120	.059	.017	.116	.058	.017	

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	.143	.148	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.110	.136	.114	.096	.093	.079	.067	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.138	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.130	.088	.057	.111	.076	.050	.077	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.123	.079	.047	.105	.068	.041	.073	.048	.029	.042	.028	.017	.014	.009	.006	
7.0	.117	.072	.040	.100	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.111	.065	.034	.095	.057	.030	.066	.040	.021	.038	.024	.013	.012	.008	.004	
9.0	.106	.060	.030	.091	.052	.026	.063	.037	.018	.037	.022	.011	.012	.007	.004	
10.0	.101	.056	.026	.087	.049	.023	.061	.034	.016	.035	.020	.010	.011	.007	.003	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTO ROUND RING					TYPE: 5700K CRI-90			WEIGHT:			
SPECIFICATION: FULHAM -1050 MA					DIMENSION: D-460 H-76 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	16.5	17.5	16.7	17.7	17.9	16.0	17.1	16.2	17.3	17.4
	3H	16.3	17.3	16.6	17.5	17.7	15.8	16.8	16.1	17.0	17.2
	4H	16.2	17.1	16.5	17.4	17.6	15.8	16.7	16.0	16.9	17.1
	6H	16.1	17.0	16.5	17.3	17.5	15.7	16.5	16.0	16.8	17.0
	8H	16.1	16.9	16.4	17.2	17.5	15.6	16.5	15.9	16.7	17.0
	12H	16.1	16.9	16.4	17.2	17.5	15.6	16.4	15.9	16.7	16.9
4H	2H	16.2	17.1	16.5	17.4	17.6	15.8	16.7	16.1	16.9	17.2
	3H	16.1	16.9	16.4	17.1	17.4	15.6	16.4	15.9	16.7	17.0
	4H	16.0	16.7	16.3	17.0	17.3	15.5	16.3	15.9	16.6	16.9
	6H	15.9	16.5	16.3	16.9	17.2	15.5	16.1	15.8	16.4	16.8
	8H	15.9	16.5	16.3	16.8	17.2	15.4	16.0	15.8	16.4	16.7
	12H	15.9	16.4	16.3	16.8	17.2	15.4	15.9	15.8	16.3	16.7
8H	4H	15.8	16.4	16.2	16.8	17.2	15.4	16.0	15.8	16.3	16.7
	6H	15.8	16.3	16.2	16.7	17.1	15.4	15.8	15.8	16.2	16.6
	8H	15.8	16.2	16.2	16.6	17.1	15.3	15.8	15.8	16.2	16.6
	12H	15.8	16.2	16.3	16.6	17.1	15.3	15.7	15.8	16.1	16.6
12H	4H	15.8	16.3	16.2	16.7	17.1	15.4	15.9	15.8	16.3	16.7
	6H	15.8	16.2	16.2	16.6	17.0	15.3	15.7	15.8	16.1	16.6
	8H	15.7	16.1	16.2	16.5	17.0	15.3	15.7	15.8	16.1	16.6
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 7.4					+ 2.5 / - 8.6				
1.5H		+ 4.1 / - 7.5					+ 3.7 / - 5.9				
2.0H		+ 6.3 / - 8.5					+ 5.4 / - 7.9				

CIE Pub.117 Corrected 4323 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 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	80	73	68	80	73	68	79	72	68	64
0.80	89	82	78	88	82	77	87	81	77	73
1.00	95	88	84	94	88	84	92	88	83	79
1.25	100	94	90	99	93	89	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	107	102	98	105	101	97	102	99	96	90
2.50	109	104	101	107	103	100	104	100	98	92
3.00	110	106	103	109	105	102	105	102	100	93
4.00	113	109	107	110	108	105	107	105	103	95
5.00	114	111	109	112	109	107	108	106	104	96
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

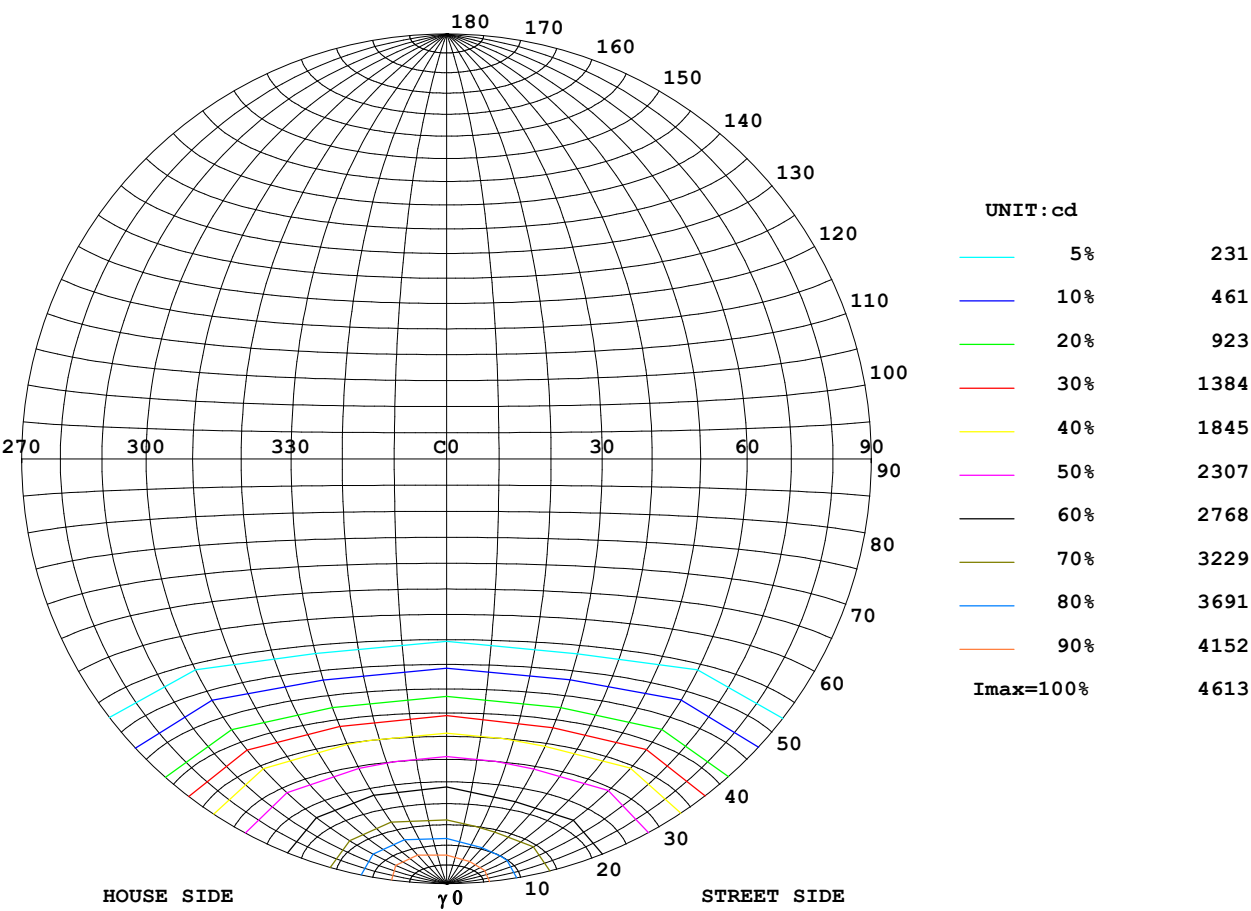
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-27-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.000 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

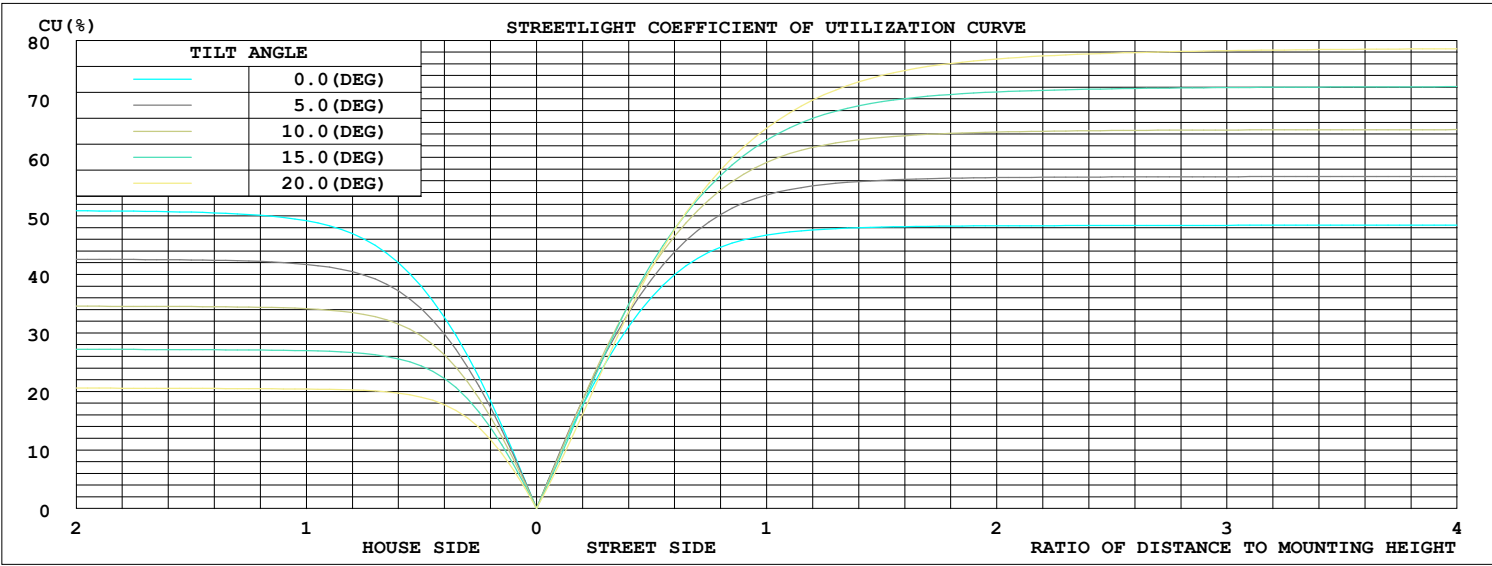
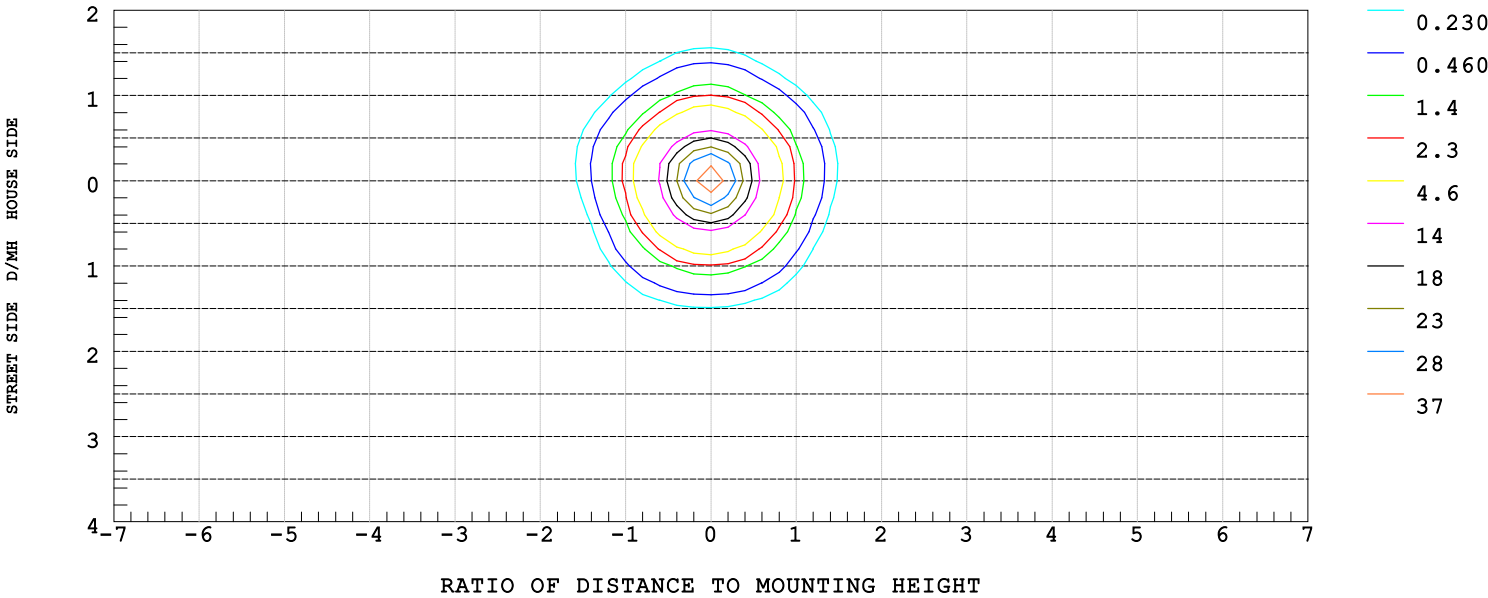
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 46.13 lx



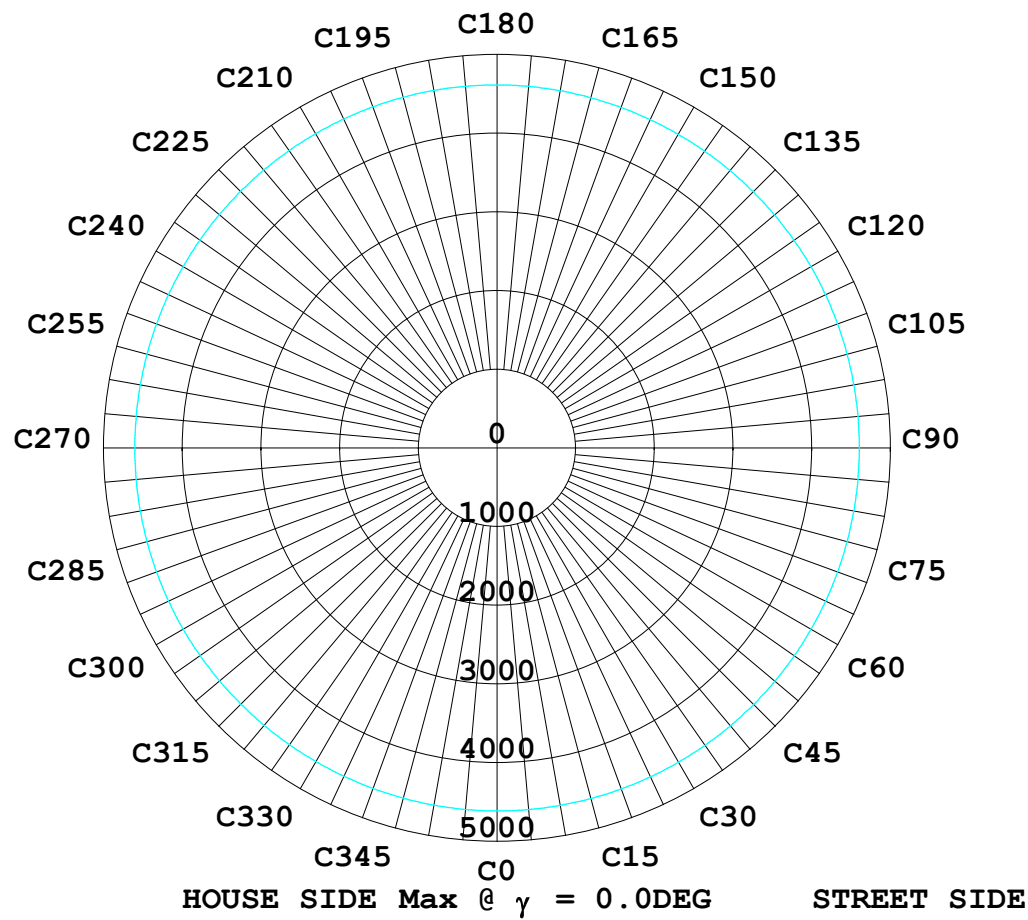
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-460 H-76 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	4613	4612	4609	4603	4607	4603	4613	4612	4609	4603	4607	4603
5.0	4414	4345	4289	4253	4264	4249	4338	4400	4417	4489	4498	4495
10.0	3884	3733	3675	3627	3617	3572	3730	3832	3871	3958	3979	4063
15.0	3309	3168	3180	3141	3100	3018	3118	3270	3299	3331	3387	3454
20.0	2965	2857	2874	2857	2813	2742	2798	2936	2896	2940	2984	3038
25.0	2707	2618	2617	2572	2525	2441	2494	2646	2568	2619	2662	2796
30.0	2361	2261	2265	2180	2142	2054	2101	2246	2166	2215	2267	2447
35.0	1924	1785	1798	1696	1668	1547	1621	1756	1668	1786	1823	2003
40.0	1310	1185	1197	1076	1027	932	996	1121	1061	1183	1205	1394
45.0	744	661	666	591	591	540	546	605	571	659	650	772
50.0	410	346	357	306	326	269	295	337	309	355	345	417
55.0	217	171	197	147	168	123	142	177	153	198	177	222
60.0	92.5	60.9	78.4	48.8	65.9	37.3	46.5	68.0	51.6	80.3	64.9	96.4
65.0	34.2	15.2	30.0	12.9	26.9	10.8	14.5	27.3	13.7	30.9	17.1	34.7
70.0	20.4	7.50	18.9	7.13	18.7	7.01	8.95	18.3	7.01	18.9	7.50	20.0
75.0	16.5	6.41	15.6	6.29	15.7	6.17	8.22	15.0	5.92	15.3	5.92	15.8
80.0	14.5	6.17	13.6	6.17	13.9	6.05	7.74	12.9	5.32	13.1	5.32	13.5
85.0	13.4	6.29	12.4	6.17	12.9	6.29	7.74	11.4	5.20	11.4	5.20	11.7
90.0	11.9	7.01	10.7	5.68	10.1	5.80	8.34	8.47	4.23	9.31	5.20	10.0

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K