

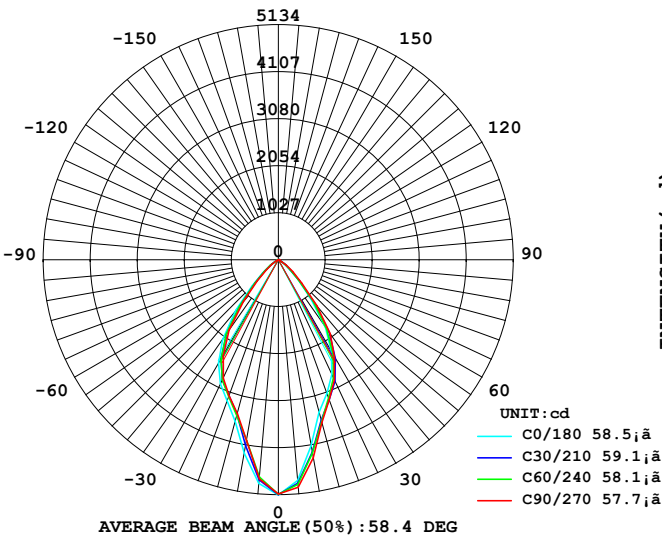
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

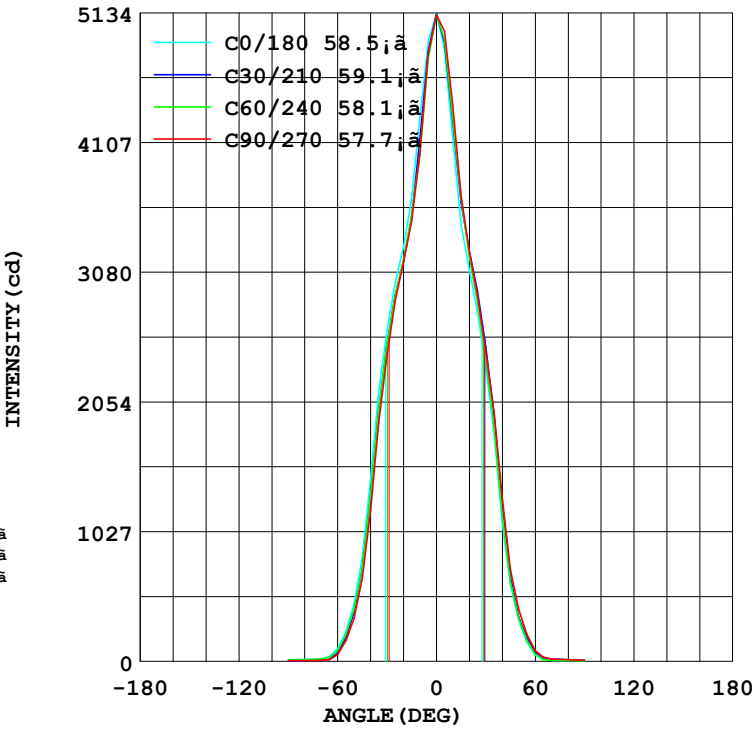
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	5134	S/MH (C0/180)	0.80
MODEL	XTO ROUND RING	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.76
NOMINAL POWER (W)	50	TOTAL FLUX (lm)	4784.5	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	96.3	Current (A)	0.226
NOMINAL FLUX (lm)	4784.6	η up (%)	0.0	Power (W)	49.70
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.988
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	4446.2	EEI	0.152

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

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-660 H-76 MM	SERIAL No.:

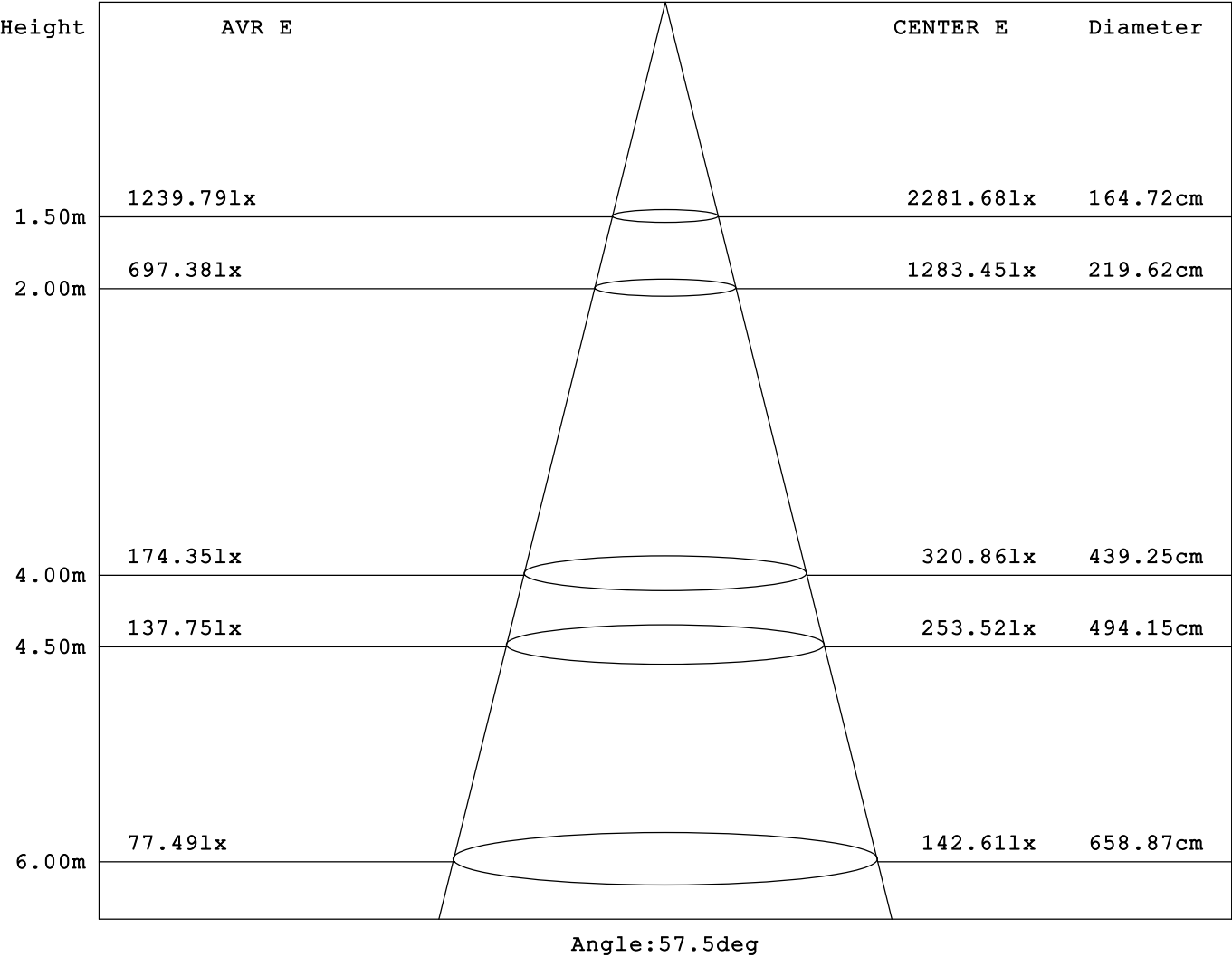
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
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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-660 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-660 H-76 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	4304	4070	4018	3976	4133	4281	4397	4453	0- 10	444.2	444.2
20.0	3283	3174	3165	3070	3107	3232	3255	3329	10- 20	1020	1464
30.0	2613	2507	2415	2322	2328	2443	2451	2607	20- 30	1315	2780
40.0	1446	1318	1193	1085	1107	1206	1307	1439	30- 40	1184	3964
50.0	452.9	396.2	339.0	326.2	326.7	346.3	411.4	421.4	40- 50	579.6	4544
60.0	101.2	76.41	53.72	56.50	50.82	65.64	87.60	88.99	50- 60	184.3	4728
70.0	21.65	14.21	7.865	13.67	9.559	13.49	20.20	14.82	60- 70	33.24	4761
80.0	15.36	10.58	6.534	10.64	8.107	9.679	13.91	10.04	70- 80	12.79	4774
90.0	12.70	9.377	6.171	8.470	8.591	6.715	9.679	8.046	80- 90	10.52	4785
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

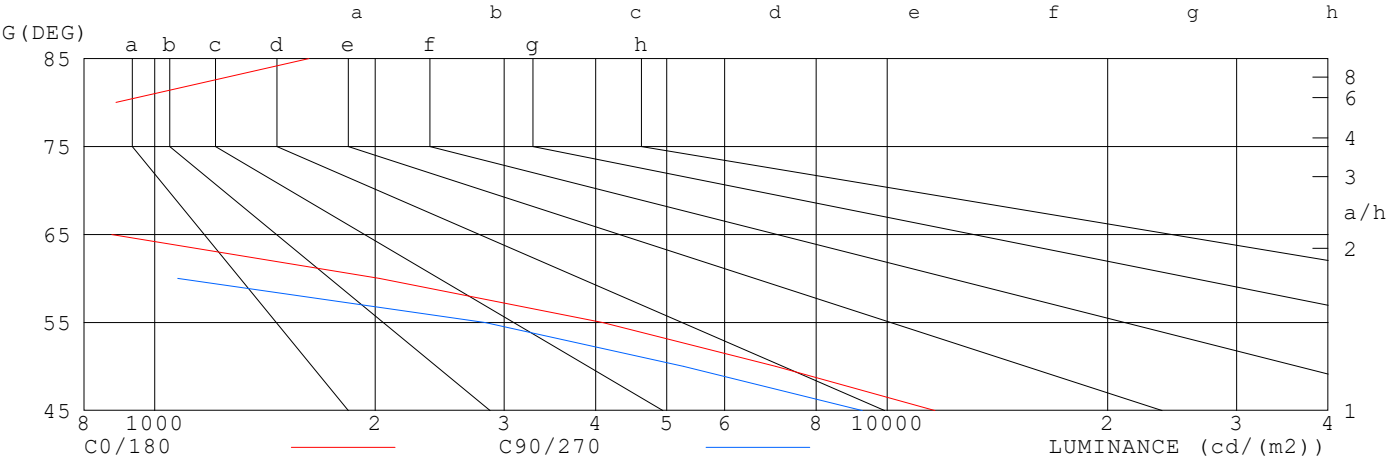
LUMINANCE LIMITATION CURVES

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-660 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	1624	764
80	885	376
75	683	271
70	633	230
65	873	341
60	2026	1074
55	4090	2827
50	7046	5275
45	11616	9244

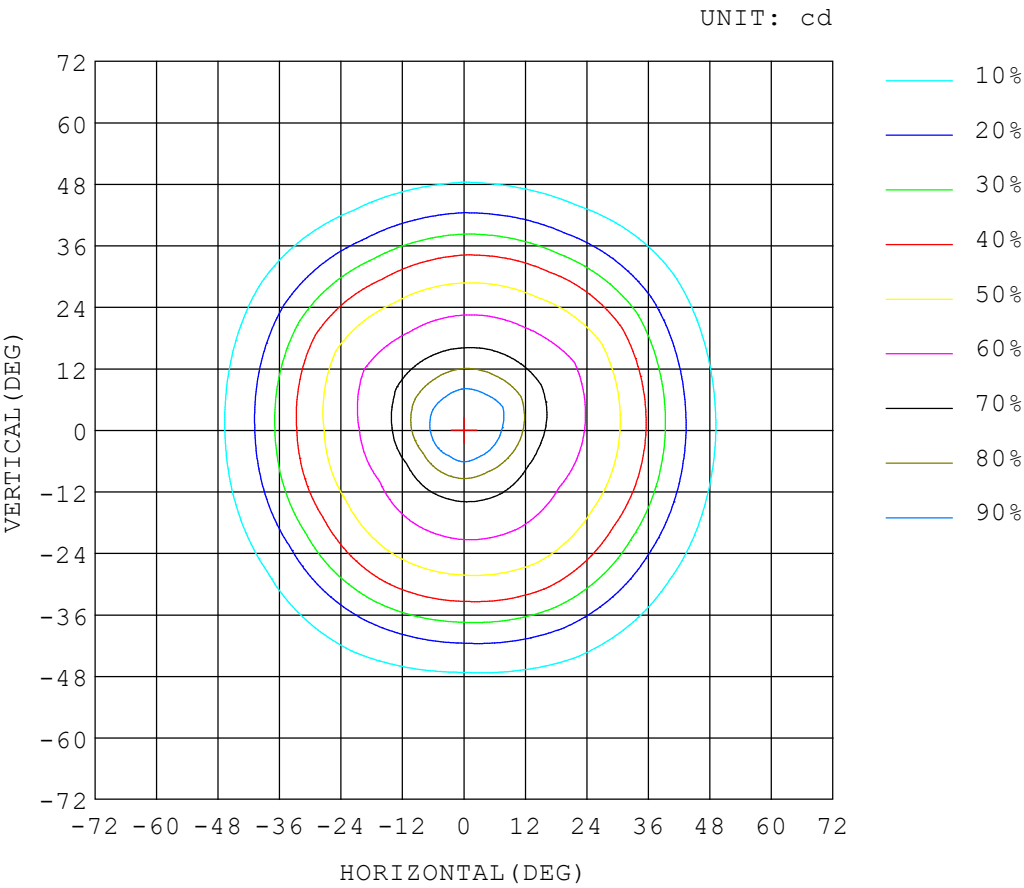
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

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-660 H-76 MM	SERIAL No.:



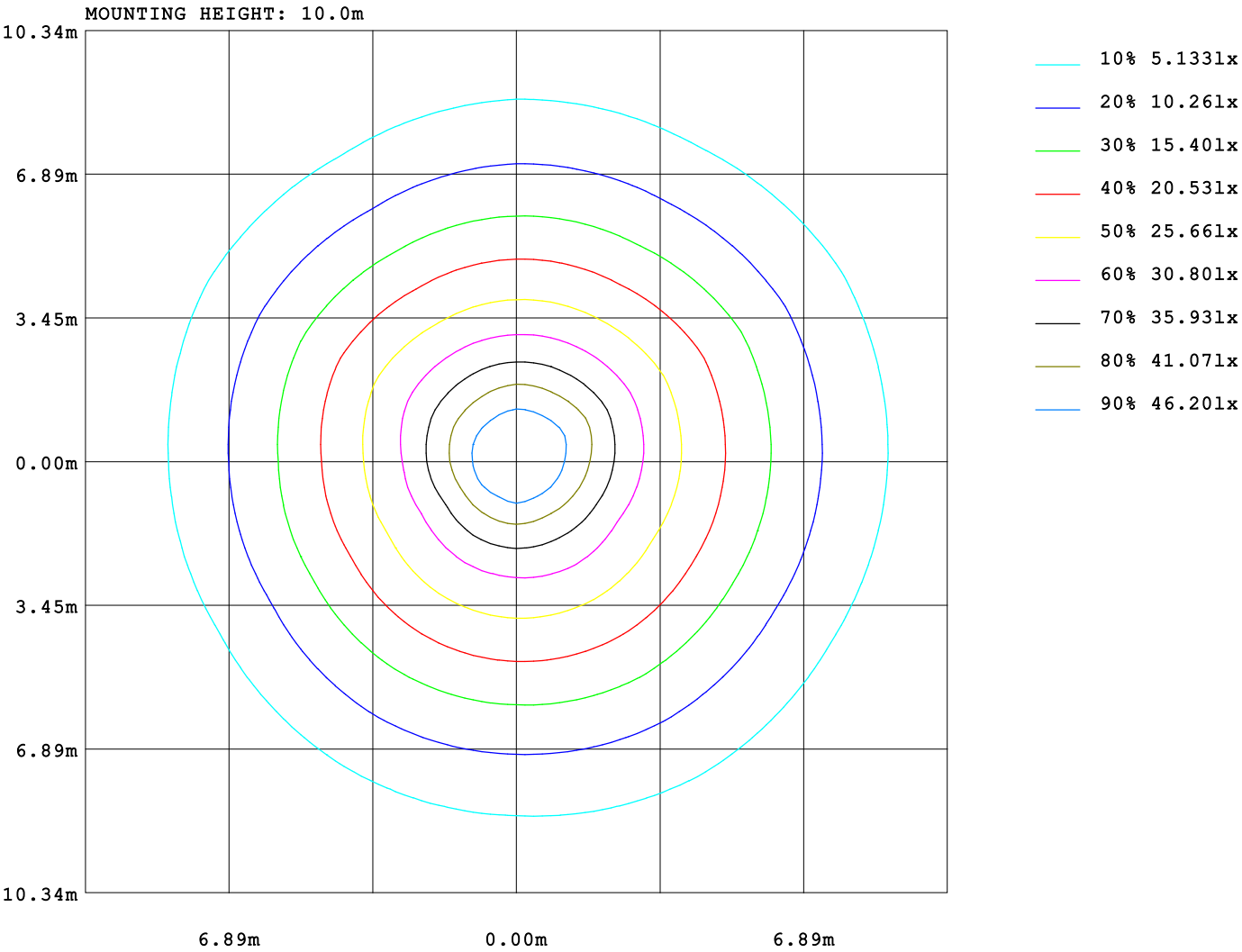
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

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-660 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-660 H-76 MM	SERIAL No.:

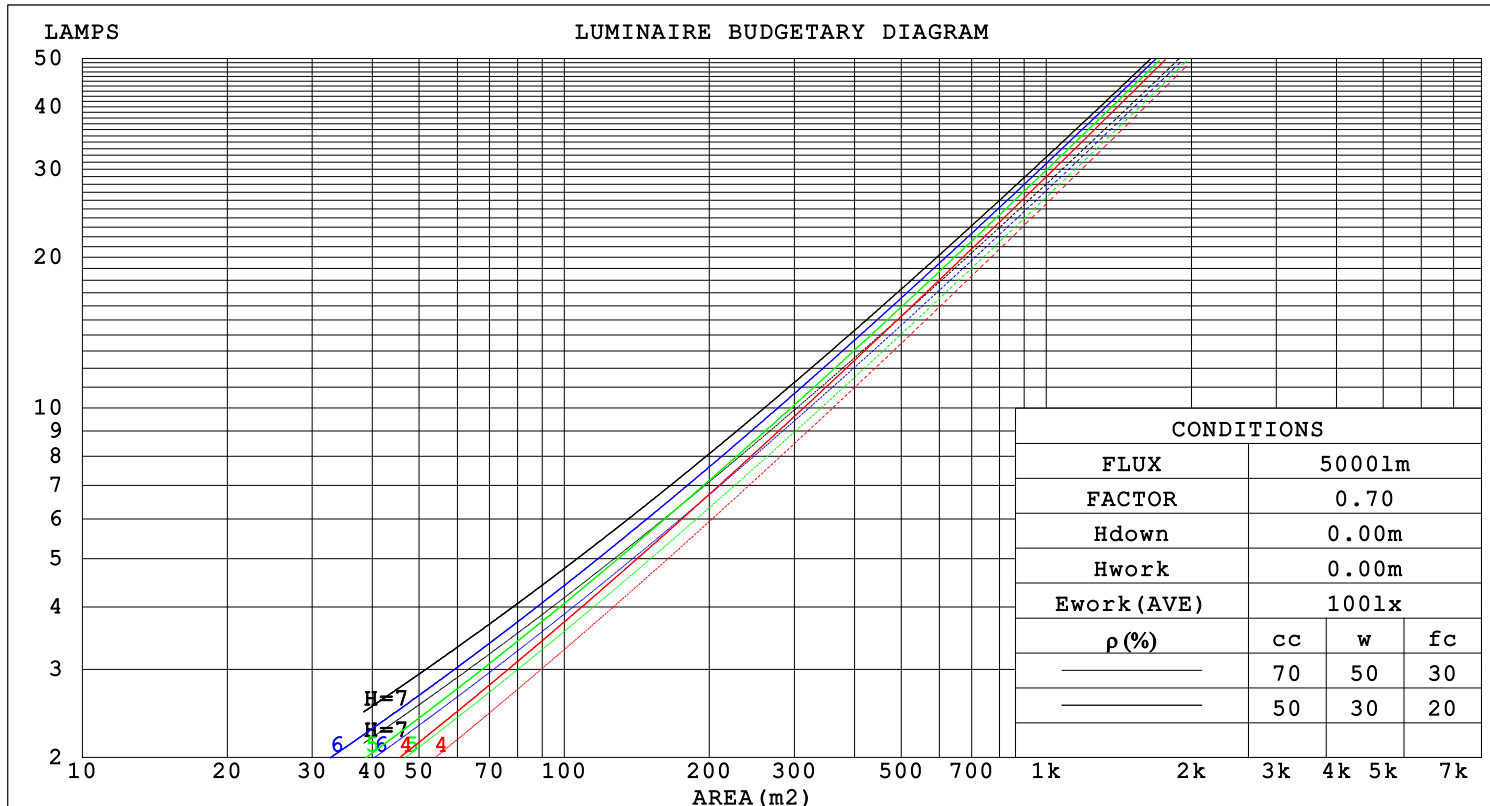
72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.08	0.13	0.16	0.17	0.16	0.15	0.24	0.35	0.46	0.47	0.37	0.26	0.17	0.17	0.18	0.17	0.14	0.10	3.94	0.00		
64	0.09	0.15	0.20	0.24	0.32	0.50	0.91	1.43	1.86	1.90	1.55	1.05	0.63	0.40	0.28	0.21	0.16	0.11	12.0	0.00		
56	0.09	0.16	0.28	0.54	1.16	2.19	3.62	5.14	6.29	6.41	5.46	4.05	2.62	1.49	0.71	0.34	0.19	0.12	40.9	0.00		
48	0.09	0.19	0.50	1.44	3.26	5.83	9.20	13.2	16.2	16.5	14.1	10.3	6.83	3.99	1.90	0.69	0.25	0.13	105	71.9		
40	0.10	0.24	0.97	3.02	6.55	12.7	20.8	29.0	34.2	34.9	31.0	23.6	15.1	8.17	3.86	1.37	0.37	0.14	226	207		
32	0.10	0.35	1.65	4.90	11.9	23.8	36.0	44.9	50.1	50.7	46.8	39.3	27.9	15.0	6.41	2.27	0.57	0.16	363	349		
24	0.10	0.47	2.35	7.11	18.5	34.8	47.8	56.7	62.4	63.1	58.5	50.7	39.1	22.9	9.32	3.23	0.80	0.19	479	467		
VERTICAL (DEG)	0.10	0.60	2.90	9.20	23.6	41.1	55.2	66.4	77.0	78.1	68.7	57.9	45.2	28.4	12.0	4.01	1.01	0.20	572	562		
	0.10	0.66	3.20	10.2	25.9	43.2	57.3	73.3	91.8	93.6	77.1	60.4	47.4	30.9	13.6	4.47	1.13	0.21	635	625		
	0.09	0.63	3.12	10.0	25.3	42.2	55.7	70.1	88.7	89.6	73.4	59.0	46.6	30.2	13.3	4.38	1.10	0.21	614	604		
	0.08	0.53	2.69	8.57	21.9	38.4	51.6	62.2	71.9	72.6	64.5	54.7	42.7	26.5	11.3	3.76	0.93	0.18	536	525		
	0.08	0.37	2.03	6.36	16.1	31.5	45.3	55.0	60.4	61.1	56.9	48.5	35.7	20.2	8.37	2.88	0.68	0.16	452	440		
-24	0.07	0.23	1.27	4.16	10.3	21.5	34.8	44.2	49.3	50.0	46.4	38.0	25.4	13.0	5.46	1.87	0.44	0.13	347	333		
-32	0.06	0.14	0.63	2.33	5.89	11.9	20.2	28.1	32.7	33.4	30.1	23.1	14.2	7.31	3.12	1.00	0.24	0.11	215	197		
-40	0.06	0.09	0.26	1.04	2.91	5.77	9.31	12.6	14.8	15.2	13.6	10.4	6.81	3.63	1.46	0.41	0.14	0.09	99.0	65.5		
-48	0.05	0.07	0.13	0.38	1.07	2.31	3.67	4.70	5.30	5.44	5.08	4.16	2.75	1.37	0.52	0.16	0.10	0.08	37.3	0.00		
-56	0.05	0.07	0.11	0.20	0.37	0.69	0.98	1.23	1.33	1.37	1.34	1.11	0.80	0.43	0.22	0.11	0.08	0.07	10.5	0.00		
-64	0.05	0.07	0.10	0.16	0.24	0.33	0.33	0.30	0.25	0.26	0.31	0.35	0.34	0.25	0.17	0.10	0.07	0.07	3.75	0.00		
-72																						
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
Φ t	1.44	5.14	22.5	70.1	176	320	453	569	666	675	596	487	361	215	92.3	31.4	8.41	2.46	4785			
Φ a	0.00	0.00	0.00	39.3	154	301	436	552	649	658	579	470	343	195	68.0	1.97	0.00	0.00		4446		

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	.84	.92	.87	.83	.89	.85	.81	.87	.83	.80	.85	.82	.79	.77														
4.0	.86	.80	.76	.85	.80	.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	.67	.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	.47	.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-660 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	.195	.111	.035	.189	.108	.034	.176	.101	.032	.164	.095	.030	.153	.089	.029	
2.0	.188	.103	.032	.183	.101	.031	.172	.096	.030	.162	.091	.028	.153	.086	.027	
3.0	.180	.096	.029	.175	.094	.028	.166	.090	.027	.157	.086	.026	.149	.083	.026	
4.0	.172	.089	.026	.167	.088	.026	.159	.085	.025	.152	.082	.025	.145	.079	.024	
5.0	.164	.083	.024	.160	.082	.024	.153	.080	.023	.146	.077	.023	.140	.075	.022	
6.0	.156	.078	.022	.153	.077	.022	.146	.075	.022	.140	.073	.021	.135	.071	.021	
7.0	.149	.073	.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	.135	.066	.018	.133	.065	.018	.129	.064	.018	.124	.062	.018	.120	.061	.018	
10.0	.130	.062	.017	.127	.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	.147	.135	.123	.101	.093	.085	.058	.054	.050	.019	.017	.016	
2.0	.158	.132	.111	.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	.116	.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	.060	.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-660 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		16.8	17.9	17.0	18.0	18.2	16.4	17.4	16.6	17.6	17.8
	3H	16.6	17.6	16.9	17.8	18.0	16.2	17.2	16.5	17.4	17.6
	4H	16.6	17.5	16.8	17.7	17.9	16.1	17.0	16.4	17.3	17.5
	6H	16.5	17.3	16.8	17.6	17.9	16.0	16.9	16.3	17.1	17.4
	8H	16.5	17.3	16.8	17.5	17.8	16.0	16.8	16.3	17.1	17.3
	12H	16.4	17.2	16.8	17.5	17.8	15.9	16.7	16.3	17.0	17.3
4H	2H	16.6	17.5	16.9	17.7	17.9	16.1	17.1	16.4	17.3	17.5
	3H	16.4	17.2	16.7	17.5	17.7	16.0	16.8	16.3	17.0	17.3
	4H	16.3	17.0	16.7	17.3	17.7	15.9	16.6	16.2	16.9	17.2
	6H	16.3	16.9	16.6	17.2	17.6	15.8	16.4	16.2	16.8	17.1
	8H	16.2	16.8	16.6	17.2	17.5	15.8	16.4	16.2	16.7	17.1
	12H	16.2	16.8	16.7	17.2	17.5	15.8	16.3	16.2	16.7	17.1
8H	4H	16.2	16.8	16.6	17.1	17.5	15.8	16.3	16.2	16.7	17.1
	6H	16.1	16.6	16.6	17.0	17.4	15.7	16.2	16.1	16.6	17.0
	8H	16.1	16.5	16.6	17.0	17.4	15.7	16.1	16.1	16.5	17.0
	12H	16.1	16.5	16.6	16.9	17.4	15.7	16.0	16.2	16.5	17.0
12H	4H	16.1	16.7	16.6	17.1	17.4	15.7	16.2	16.1	16.6	17.0
	6H	16.1	16.5	16.5	16.9	17.4	15.7	16.1	16.1	16.5	16.9
	8H	16.1	16.4	16.6	16.9	17.4	15.7	16.0	16.1	16.5	16.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 7.5					+ 2.6 / - 8.7				
1.5H		+ 4.1 / - 7.5					+ 3.7 / - 6.0				
2.0H		+ 6.3 / - 8.6					+ 5.4 / - 8.1				

CIE Pub.117 Corrected 4785 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.4)

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-660 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) $k(RI) \times RCR = 5$									
$k = 0.60$	81	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	101	98	92
3.00	110	107	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		

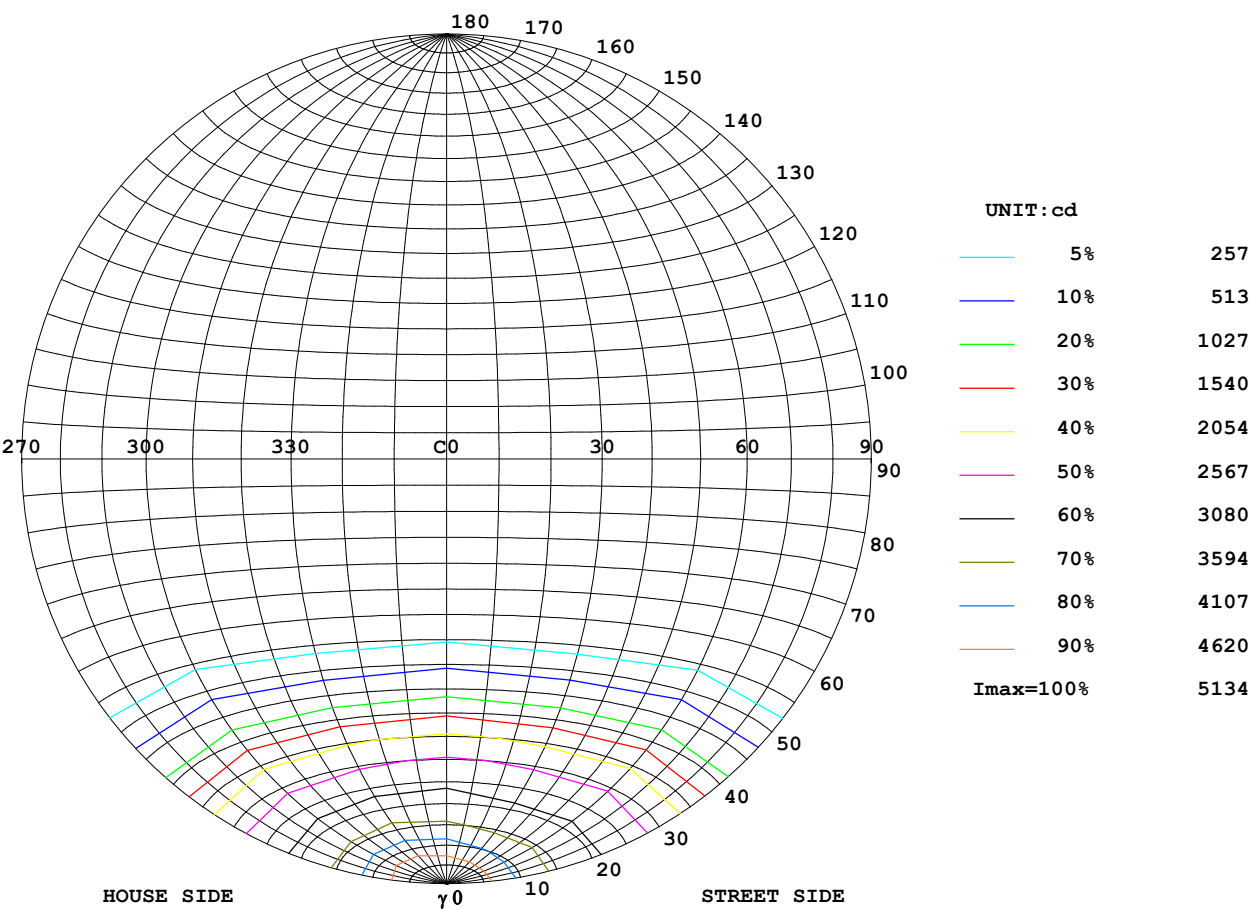
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:08-27-2025

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-660 H-76 MM	SERIAL No.:



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

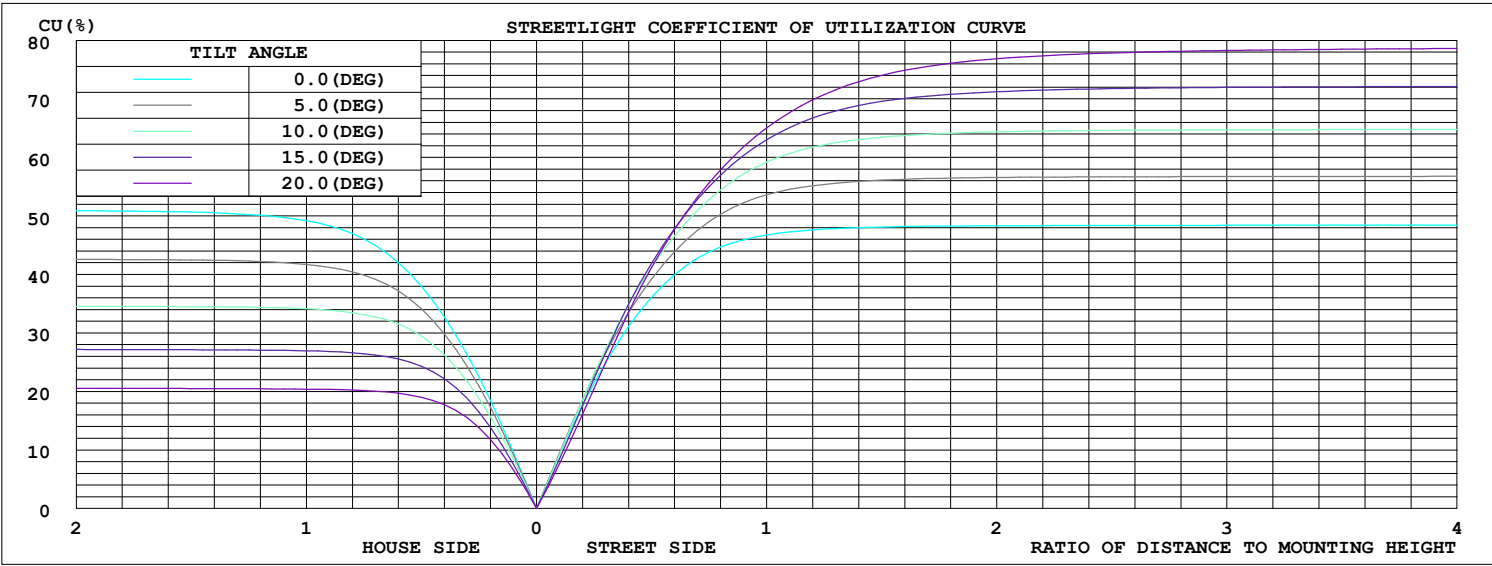
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks: 5700K

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-660 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 51.34 lx



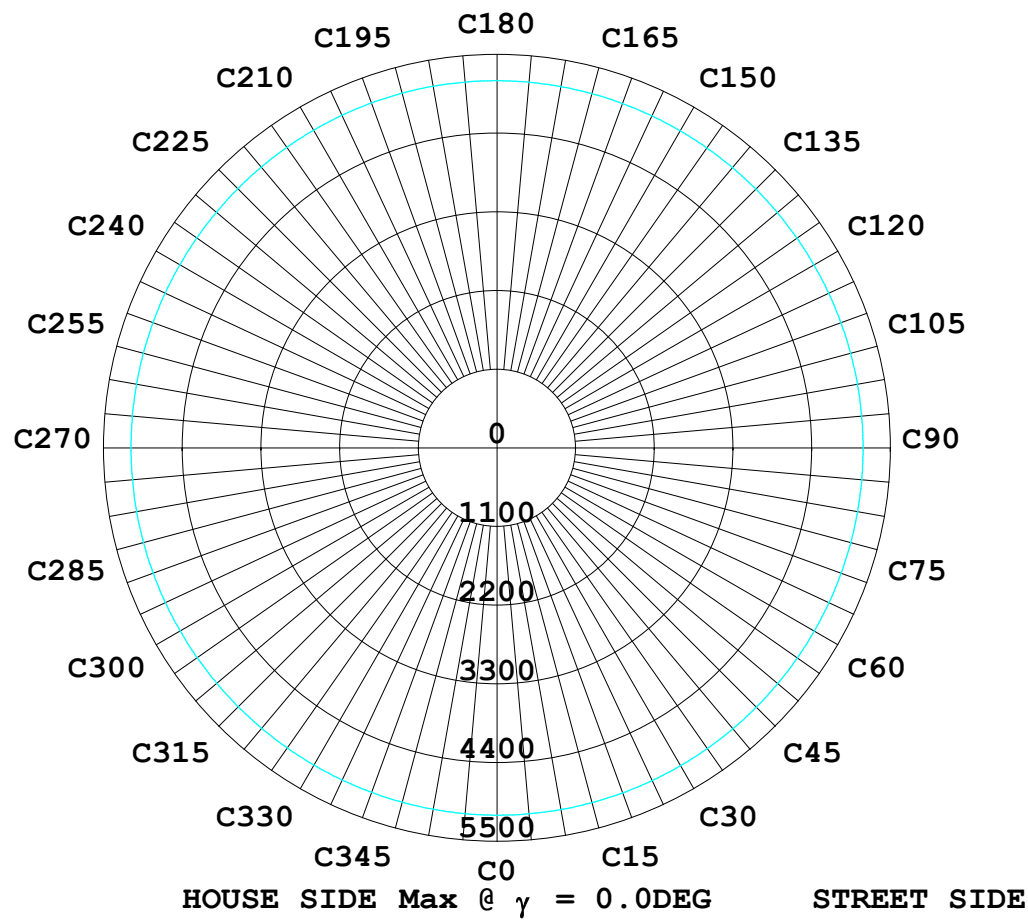
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

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-660 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-660 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	5134	5130	5122	5117	5117	5120	5134	5130	5122	5117	5117	5120
5.0	4903	4829	4764	4806	4734	4822	4841	4900	4923	4989	4997	5005
10.0	4304	4132	4008	4018	4000	3952	4133	4267	4294	4397	4400	4506
15.0	3657	3503	3526	3479	3429	3337	3453	3628	3661	3684	3747	3815
20.0	3283	3163	3185	3165	3112	3029	3107	3252	3211	3255	3301	3358
25.0	2997	2900	2899	2852	2792	2705	2768	2931	2847	2899	2944	3091
30.0	2613	2505	2510	2415	2368	2276	2328	2491	2395	2451	2509	2706
35.0	2129	1979	1989	1880	1845	1718	1801	1943	1851	1974	2018	2215
40.0	1446	1313	1323	1193	1137	1033	1107	1238	1175	1307	1334	1543
45.0	821	731	736	654	653	565	605	669	631	726	719	855
50.0	453	383	409	339	354	298	327	351	341	411	382	461
55.0	235	189	213	162	185	136	157	194	169	217	196	245
60.0	101	67.2	85.5	53.7	71.7	41.2	50.8	74.2	56.9	87.6	71.9	106
65.0	36.9	16.6	32.1	14.3	28.9	11.9	15.6	29.4	15.1	33.0	19.1	37.3
70.0	21.6	8.22	20.2	7.86	19.8	7.50	9.55	19.3	7.62	20.2	8.34	21.2
75.0	17.6	6.89	16.5	7.01	16.6	6.77	8.59	15.8	6.29	16.2	6.53	16.6
80.0	15.3	6.65	14.5	6.53	14.7	6.53	8.10	13.6	5.68	13.9	5.92	14.1
85.0	14.1	6.89	13.4	6.65	13.6	6.77	8.10	12.2	5.56	12.1	5.44	12.4
90.0	12.7	7.38	11.3	6.17	10.7	6.17	8.59	8.95	4.47	9.67	5.56	10.5

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