

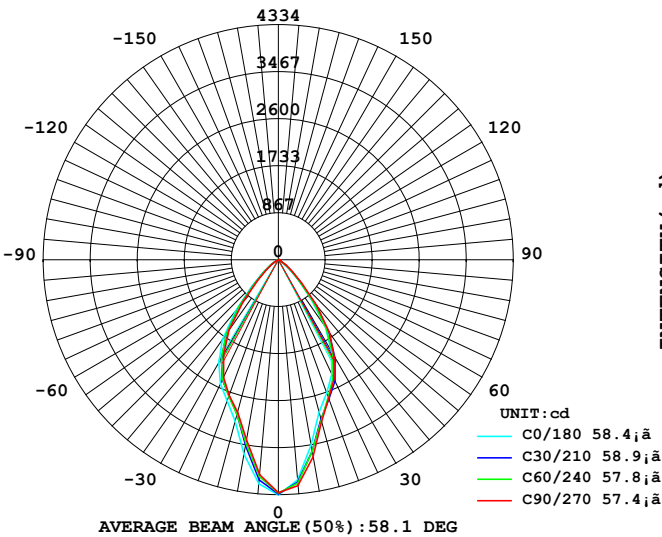
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

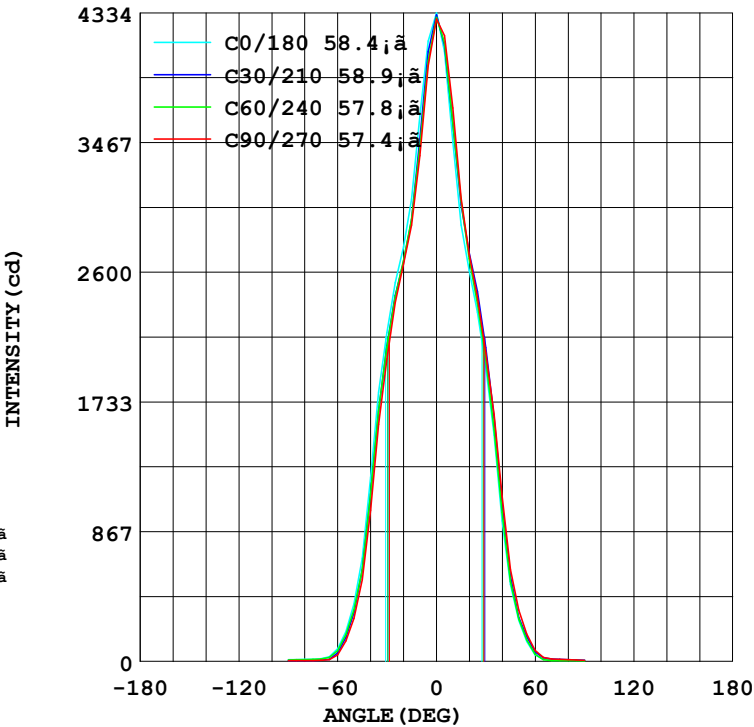
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	4334	S/MH (C0/180)	0.80
MODEL	XTO ROUND RING	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.76
NOMINAL POWER (W)	51	TOTAL FLUX (lm)	4021.7	Voltage (V)	219.5
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	79.4	Current (A)	0.237
NOMINAL FLUX (lm)	4021.7	η up (%)	0.0	Power (W)	50.65
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.985
TEST VOLTAGE (V)	219.5	Effictive Flux (lm)	3736.8	EEI	0.185

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:10.000 m
Remarks: 3000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

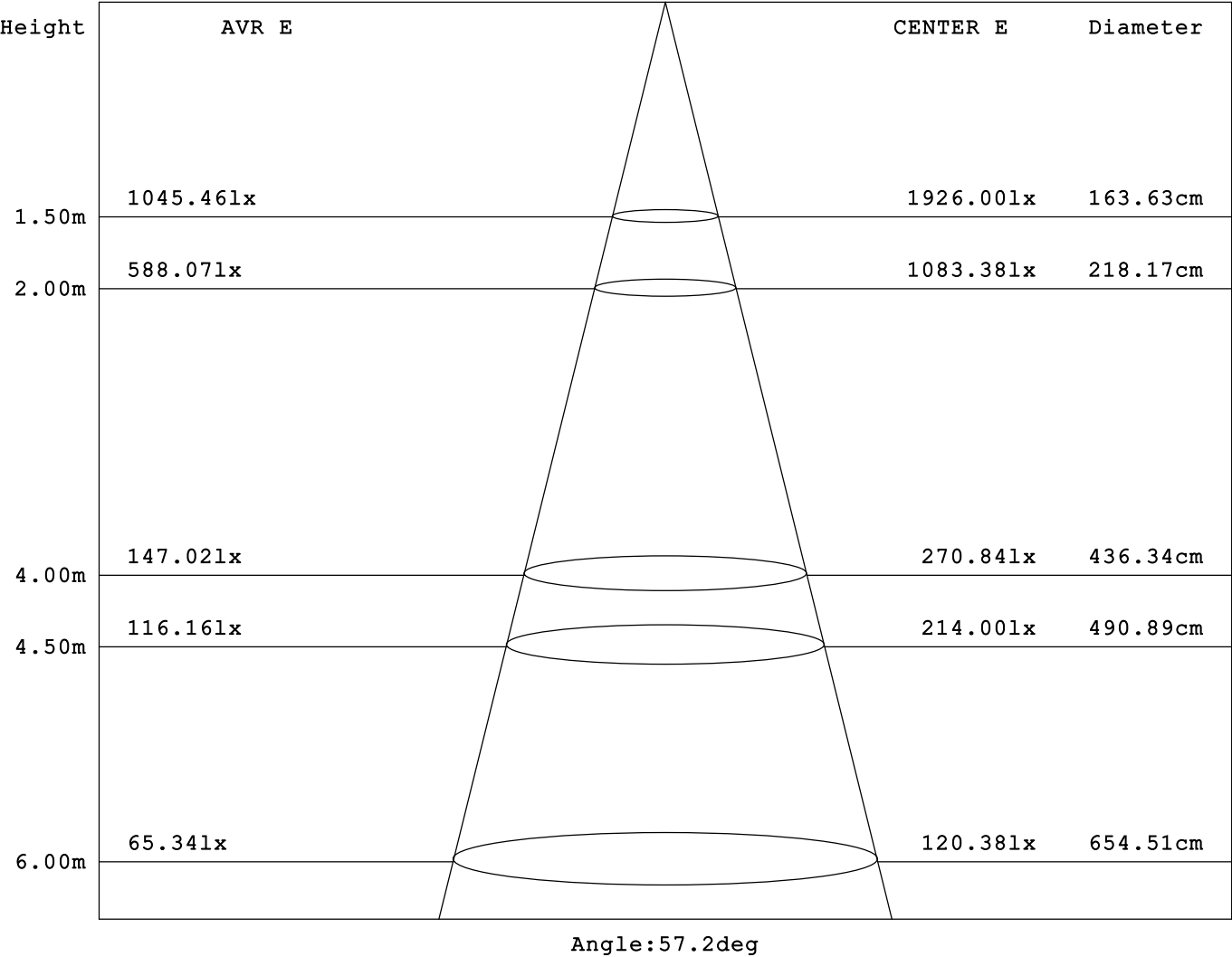
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

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

AVERAGE AND CENTER E Figure

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K 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

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Humidity:65.0%
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Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K 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	3644	3465	3379	3305	3473	3595	3697	3731	0- 10	372.9	372.9
20.0	2770	2675	2657	2574	2615	2710	2724	2784	10- 20	856.7	1230
30.0	2198	2104	2022	1942	1966	2056	2061	2187	20- 30	1105	2334
40.0	1229	1117	1009	916.8	939.9	1023	1103	1211	30- 40	995.9	3330
50.0	384.4	335.8	287.0	271.9	274.2	290.0	343.1	350.3	40- 50	488.4	3819
60.0	84.50	63.40	44.70	46.90	43.90	56.25	74.50	75.19	50- 60	155.5	3974
70.0	18.09	11.90	6.600	11.44	8.000	11.35	16.90	12.35	60- 70	27.92	4002
80.0	12.90	8.800	5.600	8.850	6.800	8.200	11.59	8.400	70- 80	10.72	4013
90.0	10.70	7.950	5.200	7.100	7.100	5.650	8.200	6.800	80- 90	8.822	4022
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

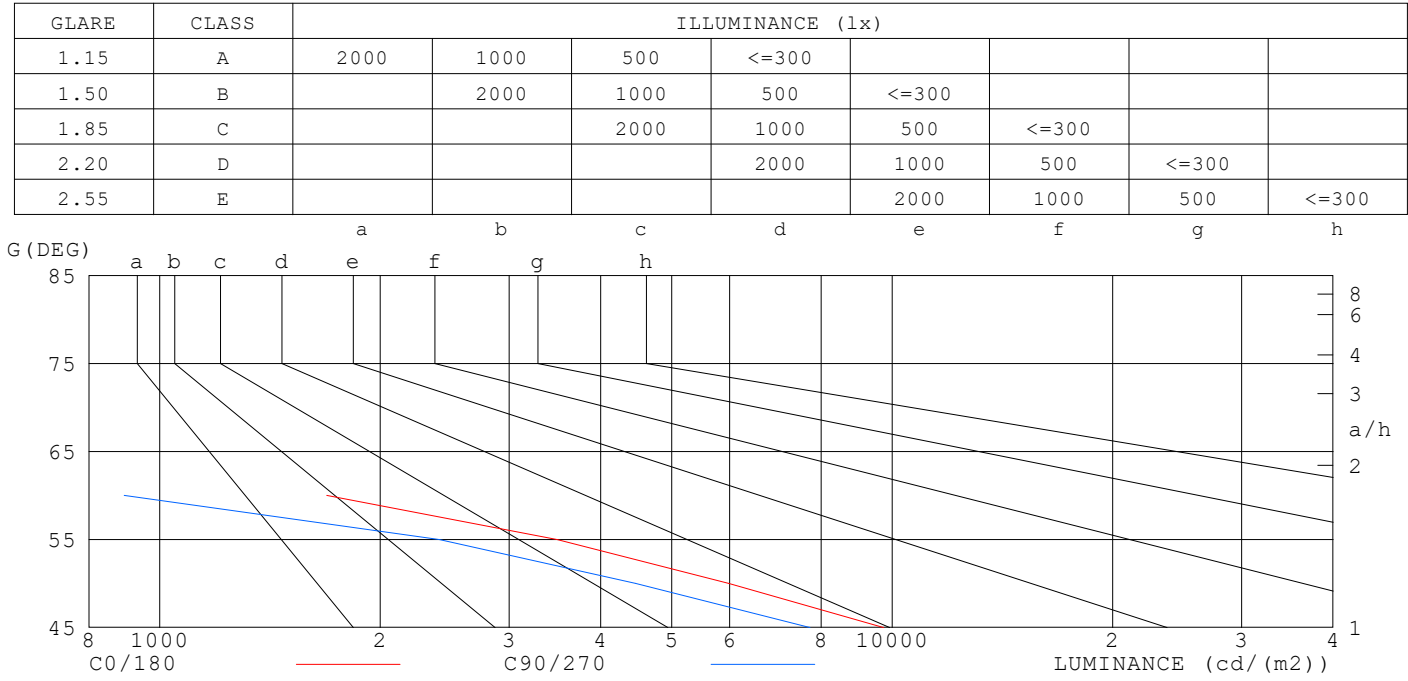
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1365	643
80	743	322
75	568	224
70	529	193
65	738	291
60	1690	894
55	3487	2408
50	5980	4465
45	9737	7720

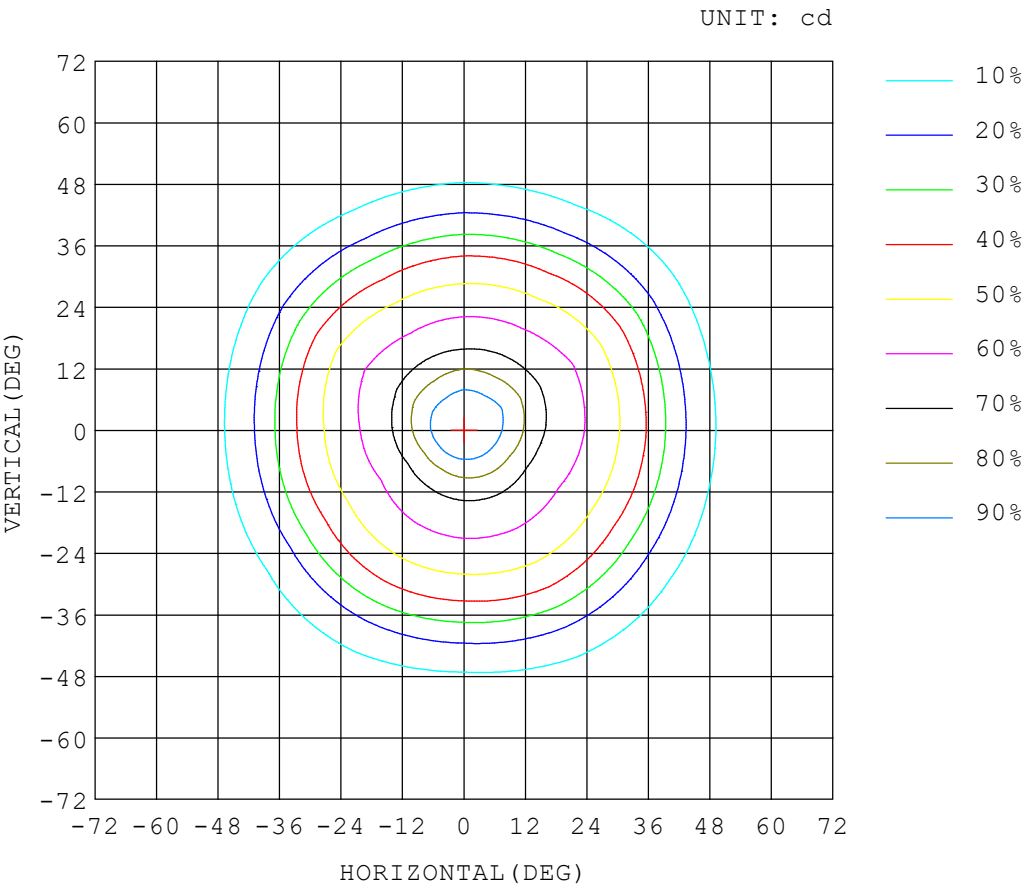
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:



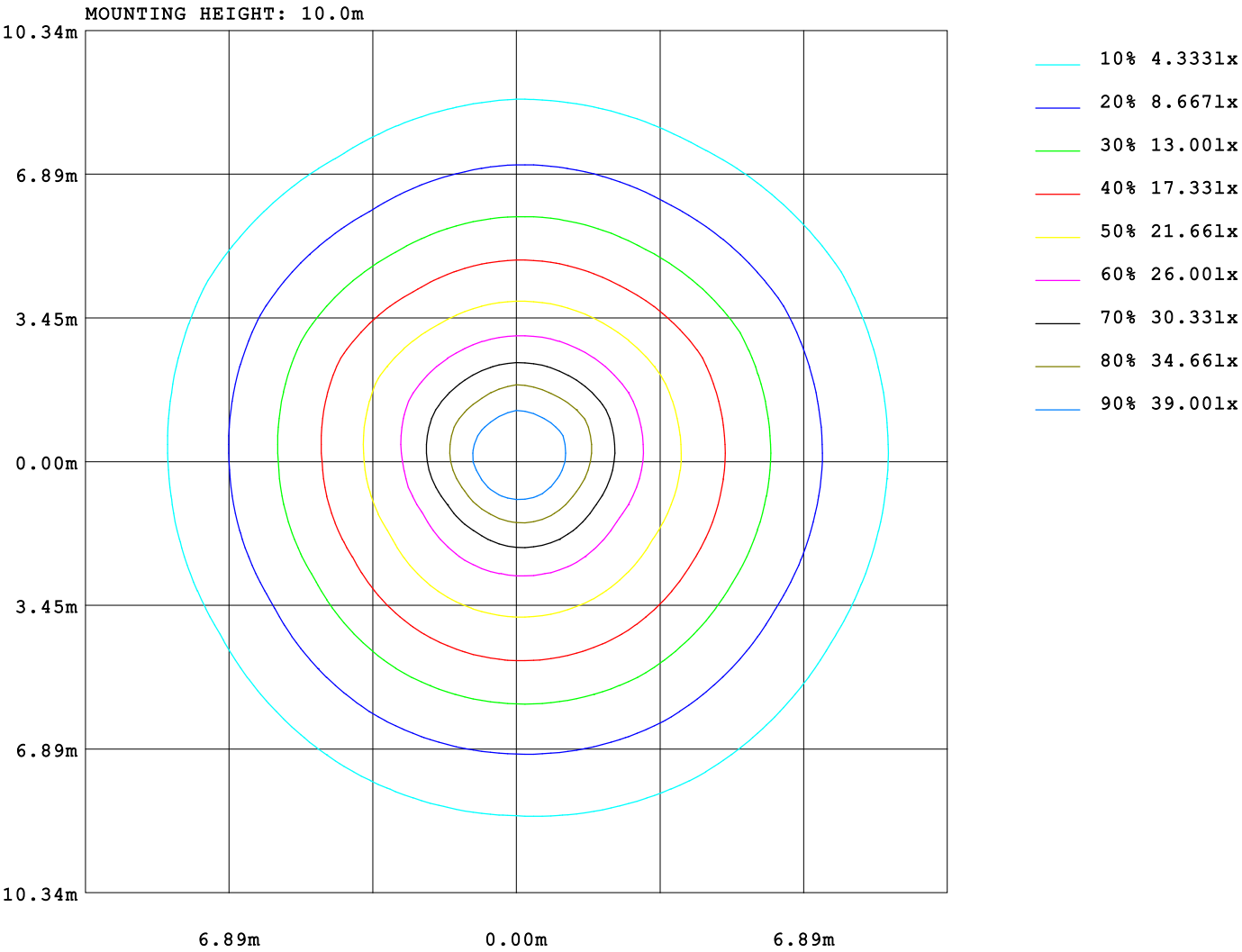
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K 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:10.000 m
Remarks: 3000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: XTO ROUND RING										TYPE: 3000K CRI-90					WEIGHT:				
SPECIFICATION: FULHAM -1050 MA										DIMENSION: D-660 H-76 MM					SERIAL No.:				

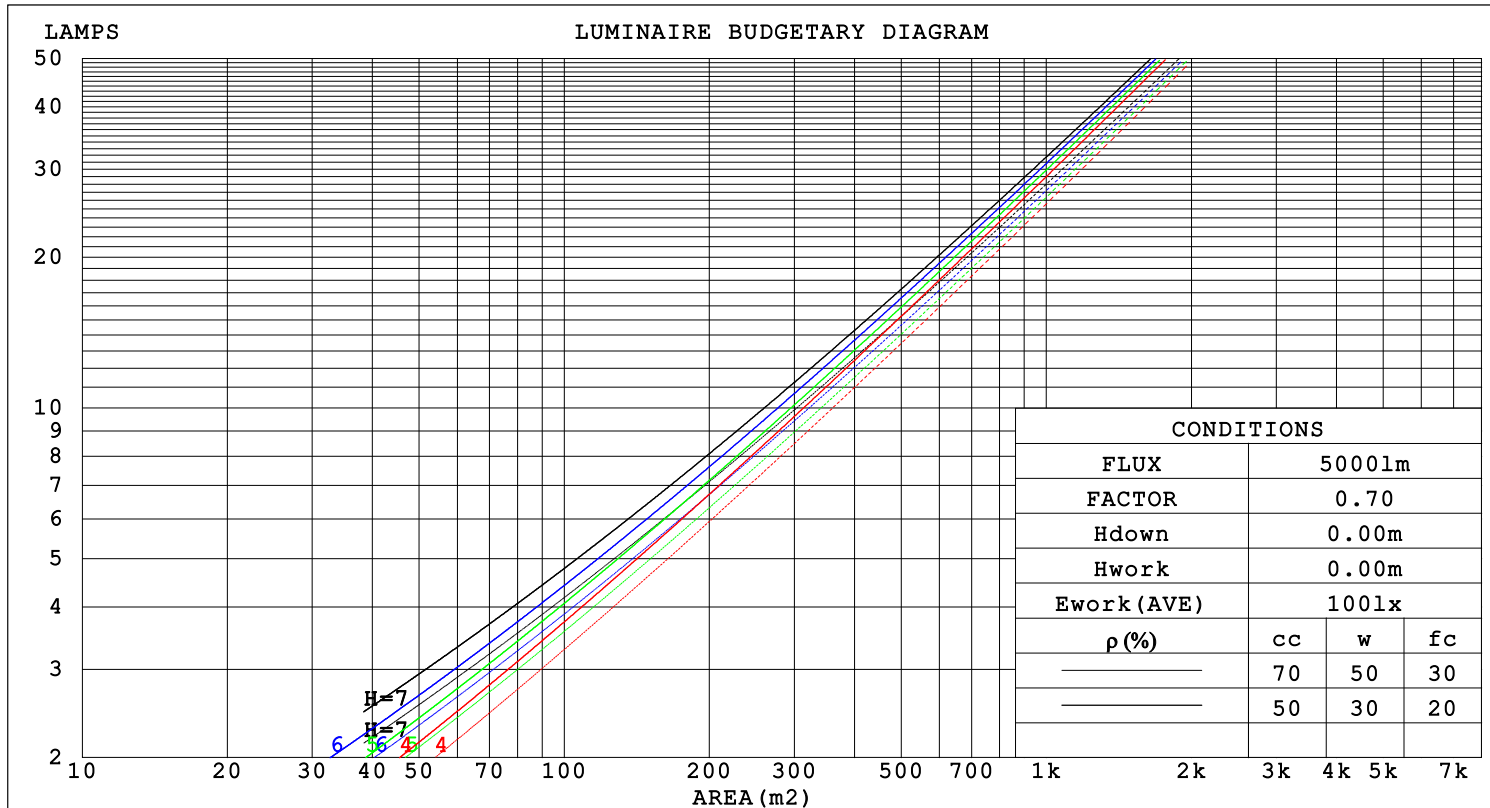
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	-8	-16	-24	-32	-40	-48	-56	-64	-72		
72	0.07	0.11	0.13	0.14	0.13	0.13	0.20	0.30	0.39	0.39	0.31	0.22	0.14	0.14	0.15	0.14	0.12	0.09	3.30	0.00	
64	0.07	0.12	0.17	0.20	0.27	0.43	0.78	1.22	1.57	1.61	1.31	0.89	0.53	0.33	0.23	0.18	0.14	0.09	10.1	0.00	
56	0.08	0.14	0.23	0.45	0.99	1.87	3.06	4.33	5.28	5.37	4.57	3.40	2.21	1.26	0.59	0.28	0.16	0.10	34.4	0.00	
48	0.08	0.16	0.43	1.23	2.76	4.91	7.77	11.2	13.6	13.9	11.9	8.66	5.71	3.35	1.60	0.58	0.21	0.11	88.4	60.3	
40	0.08	0.20	0.83	2.55	5.52	10.7	17.6	24.4	28.7	29.2	26.0	19.8	12.7	6.83	3.23	1.16	0.31	0.12	190	174	
32	0.08	0.29	1.40	4.12	10.1	20.1	30.2	37.7	42.1	42.5	39.2	32.9	23.4	12.6	5.36	1.92	0.47	0.14	305	293	
24	0.09	0.40	1.99	6.00	15.7	29.2	40.2	47.5	52.3	52.8	49.0	42.5	32.7	19.2	7.83	2.72	0.67	0.15	401	392	
16	0.08	0.51	2.44	7.80	19.9	34.6	46.4	55.7	64.6	65.5	57.6	48.4	37.9	23.9	10.1	3.39	0.85	0.17	481	472	
8	0.08	0.56	2.70	8.71	21.8	36.4	48.2	61.7	77.1	78.5	64.8	50.8	39.9	26.1	11.4	3.79	0.95	0.18	534	526	
0	0.08	0.54	2.64	8.49	21.3	35.5	46.8	58.8	74.0	75.5	61.9	49.8	39.2	25.6	11.2	3.72	0.93	0.17	517	508	
-8	0.07	0.45	2.28	7.24	18.4	32.2	43.3	52.1	59.9	61.2	54.3	46.1	35.9	22.4	9.54	3.20	0.78	0.15	450	441	
-16	0.06	0.32	1.72	5.35	13.6	26.5	37.9	46.1	50.7	51.3	47.8	40.7	30.1	17.1	7.05	2.44	0.57	0.13	380	370	
-24	0.06	0.20	1.08	3.51	8.64	18.2	29.2	37.1	41.3	41.9	38.9	32.0	21.5	10.9	4.62	1.59	0.36	0.11	292	279	
-32	0.05	0.12	0.53	1.97	4.93	10.0	17.0	23.6	27.5	28.1	25.4	19.5	11.9	6.17	2.65	0.84	0.21	0.09	181	166	
-40	0.05	0.08	0.22	0.88	2.43	4.79	7.74	10.6	12.5	12.8	11.4	8.80	5.75	3.08	1.23	0.34	0.12	0.08	83.0	54.4	
-48	0.05	0.06	0.11	0.32	0.90	1.92	3.05	3.93	4.47	4.61	4.30	3.52	2.32	1.15	0.43	0.14	0.08	0.07	31.4	0.00	
-56	0.04	0.06	0.09	0.17	0.31	0.58	0.82	1.03	1.12	1.15	1.12	0.93	0.67	0.36	0.18	0.09	0.07	0.06	8.87	0.00	
-64	0.04	0.05	0.09	0.14	0.20	0.28	0.28	0.25	0.21	0.22	0.26	0.29	0.29	0.21	0.14	0.09	0.06	0.06	3.14	0.00	
-72																					
	-72	-64	-56	-48	-40	-32	-24	-16	-8	0	8	16	24	32	40	48	56	64	72		
Φ t	1.21	4.37	19.1	59.3	148	269	381	478	558	567	501	410	303	181	77.7	26.6	7.06	2.06	4022		
Φ a	0.00	0.00	0.00	33.5	130	253	366	464	544	553	487	395	288	164	57.0	1.67	0.00	0.00		3737	

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:10.000 m
Remarks: 3000K

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	.84	.82	.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	.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	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.45														



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

WEC AND CCEC

Report number:

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Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTO ROUND RING								TYPE: 3000K 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	.168	.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	.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	.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:10.000 m
 Remarks: 3000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTO ROUND RING					TYPE: 3000K 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		16.2	17.3	16.5	17.5	17.6	15.8	16.8	16.0	17.0	17.2
	3H	16.1	17.0	16.3	17.2	17.5	15.6	16.6	15.9	16.8	17.0
	4H	16.0	16.9	16.3	17.1	17.4	15.5	16.4	15.8	16.7	16.9
	6H	15.9	16.8	16.2	17.0	17.3	15.4	16.3	15.7	16.5	16.8
	8H	15.9	16.7	16.2	17.0	17.2	15.4	16.2	15.7	16.5	16.7
	12H	15.9	16.7	16.2	16.9	17.2	15.4	16.1	15.7	16.4	16.7
4H	2H	16.0	16.9	16.3	17.1	17.4	15.5	16.5	15.8	16.7	16.9
	3H	15.8	16.6	16.2	16.9	17.2	15.4	16.2	15.7	16.4	16.7
	4H	15.7	16.5	16.1	16.8	17.1	15.3	16.0	15.7	16.3	16.6
	6H	15.7	16.3	16.1	16.6	17.0	15.2	15.9	15.6	16.2	16.5
	8H	15.7	16.2	16.1	16.6	17.0	15.2	15.8	15.6	16.1	16.5
	12H	15.7	16.2	16.1	16.6	17.0	15.2	15.7	15.6	16.1	16.5
8H	4H	15.6	16.2	16.0	16.5	16.9	15.2	15.7	15.6	16.1	16.5
	6H	15.6	16.0	16.0	16.4	16.8	15.1	15.6	15.5	16.0	16.4
	8H	15.5	16.0	16.0	16.4	16.8	15.1	15.5	15.5	15.9	16.4
	12H	15.6	15.9	16.0	16.4	16.8	15.1	15.5	15.6	15.9	16.4
12H	4H	15.6	16.1	16.0	16.5	16.9	15.1	15.6	15.5	16.0	16.4
	6H	15.5	15.9	16.0	16.3	16.8	15.1	15.5	15.5	15.9	16.3
	8H	15.5	15.9	16.0	16.3	16.8	15.1	15.4	15.5	15.9	16.3
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 7.7					+ 2.6 / - 8.8				
1.5H		+ 4.2 / - 7.7					+ 3.7 / - 6.2				
2.0H		+ 6.2 / - 8.7					+ 5.3 / - 8.2				

CIE Pub.117 Corrected 4022 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

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:10.000 m
Remarks: 3000K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO ROUND RING	TYPE: 3000K 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	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		

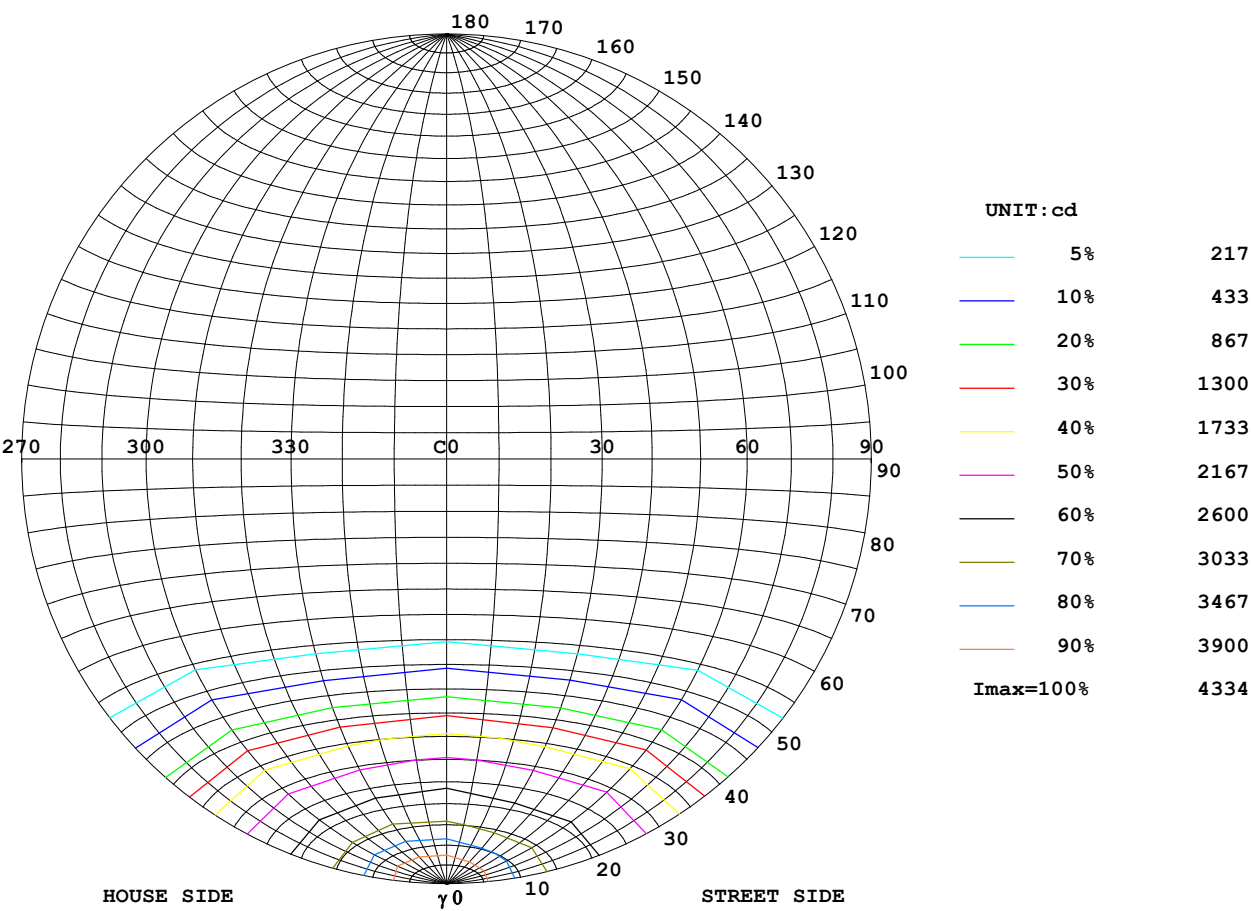
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-27-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K 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

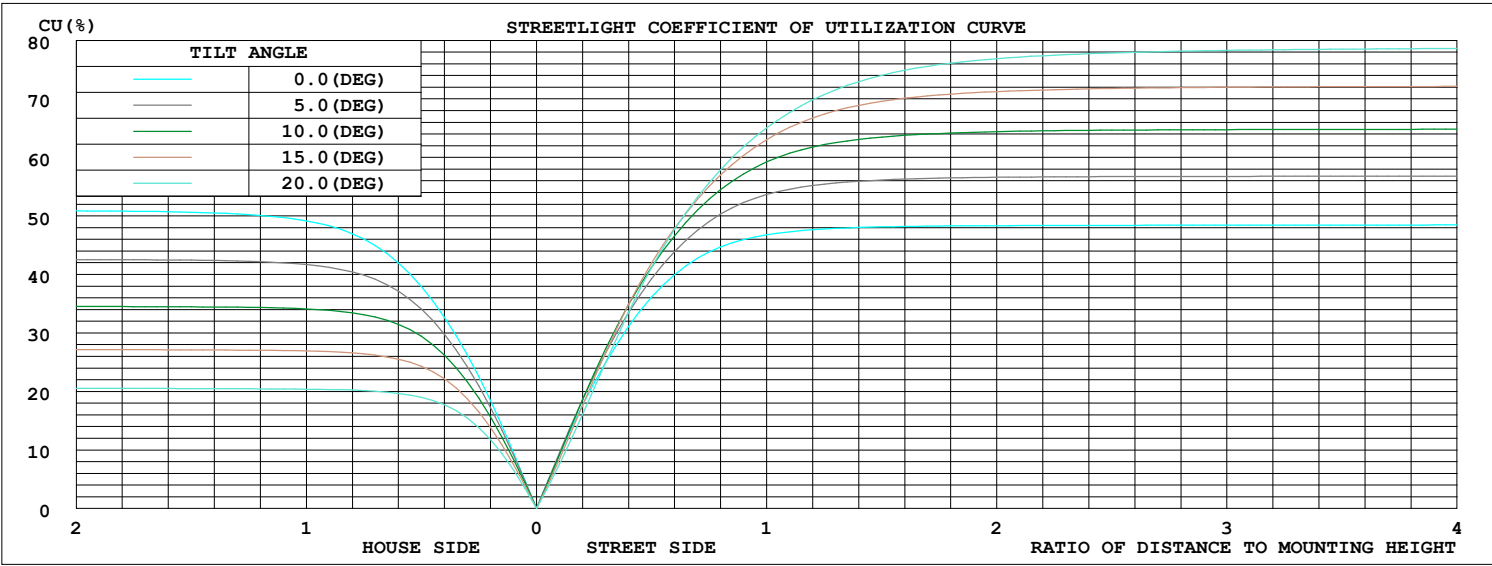
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 43.33 lx



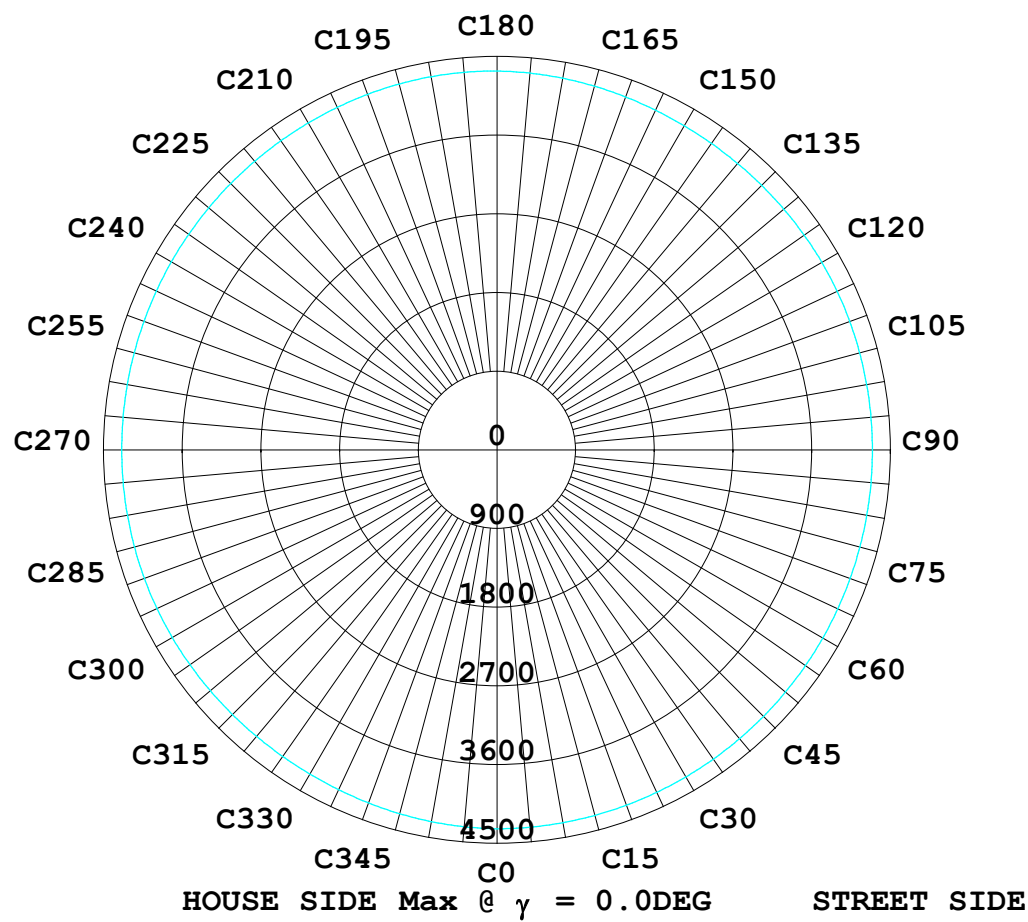
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K 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:10.000 m
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 3000K 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	4334	4319	4303	4293	4291	4281	4334	4319	4303	4293	4291	4281
5.0	4145	4075	4015	3979	3974	3994	4073	4117	4132	4181	4188	4188
10.0	3644	3490	3439	3379	3293	3316	3473	3596	3595	3697	3683	3780
15.0	3087	2950	2955	2914	2868	2794	2914	3051	3074	3093	3146	3199
20.0	2770	2670	2679	2657	2611	2538	2615	2730	2691	2724	2763	2805
25.0	2529	2444	2437	2397	2344	2267	2330	2470	2389	2432	2465	2587
30.0	2198	2106	2102	2022	1982	1901	1966	2097	2016	2061	2108	2266
35.0	1800	1671	1679	1583	1553	1447	1513	1628	1549	1650	1686	1846
40.0	1229	1114	1120	1009	960	873	940	1050	996	1103	1126	1295
45.0	689	611	613	546	544	472	515	567	537	614	607	719
50.0	384	326	346	287	291	253	274	294	286	343	318	382
55.0	200	161	181	138	154	116	134	165	144	184	166	206
60.0	84.5	56.0	70.8	44.7	59.6	34.2	43.9	63.4	49.0	74.5	61.0	89.4
65.0	31.2	14.2	27.2	12.3	24.2	10.3	13.0	24.4	12.8	27.5	15.7	30.8
70.0	18.0	6.90	16.9	6.60	16.5	6.30	8.00	16.3	6.40	16.9	6.90	17.8
75.0	14.7	5.90	13.9	5.80	13.9	5.60	7.20	13.3	5.40	13.7	5.50	14.1
80.0	12.9	5.50	12.1	5.60	12.3	5.40	6.80	11.5	4.90	11.5	4.90	11.9
85.0	11.9	5.70	11.2	5.60	11.4	5.70	6.70	10.2	4.60	10.2	4.70	10.4
90.0	10.7	6.30	9.60	5.20	9.00	5.20	7.10	7.50	3.80	8.20	4.70	8.90

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:10.000 m
Remarks: 3000K