

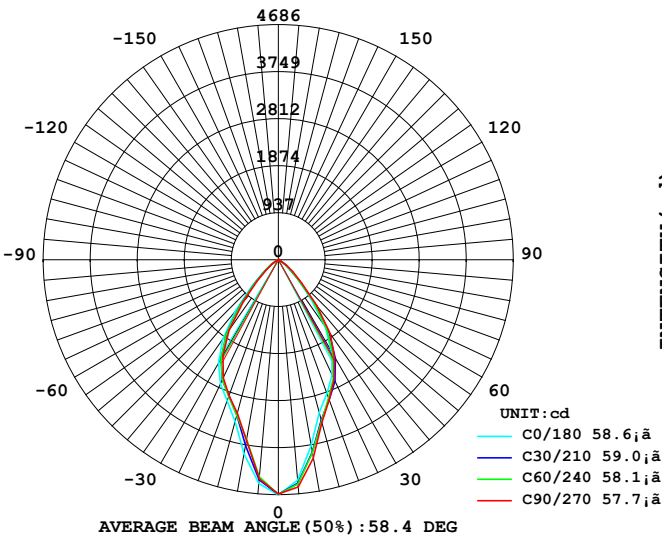
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

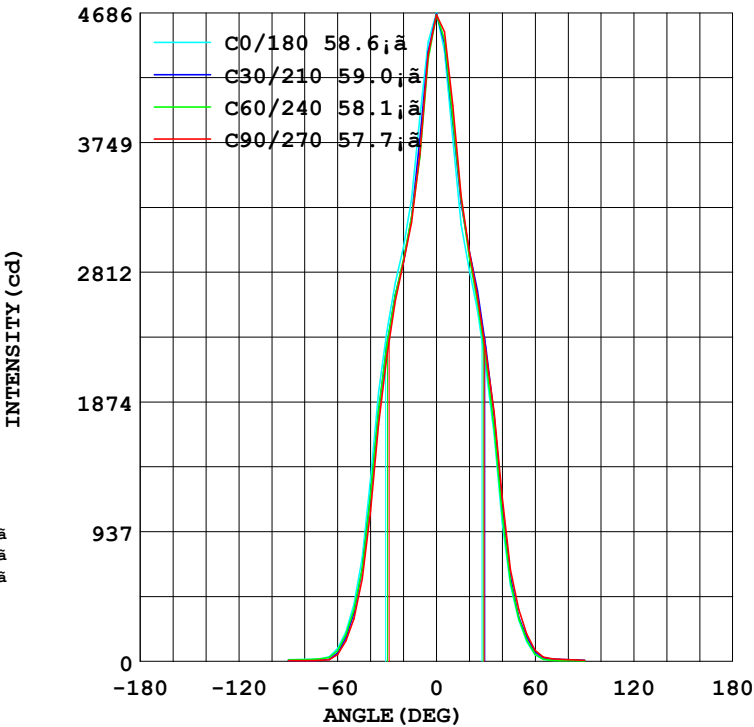
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	4686	S/MH (C0/180)	0.79
MODEL	XTO ROUND RING	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.76
NOMINAL POWER (W)	50	TOTAL FLUX (lm)	4366.0	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	87.0	Current (A)	0.230
NOMINAL FLUX (lm)	4366.0	η up (%)	0.0	Power (W)	50.20
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	219.4	Effictive Flux (lm)	4057.1	EEI	0.169

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:10.500 m
Remarks: 4000K

Color Temperature Data List

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

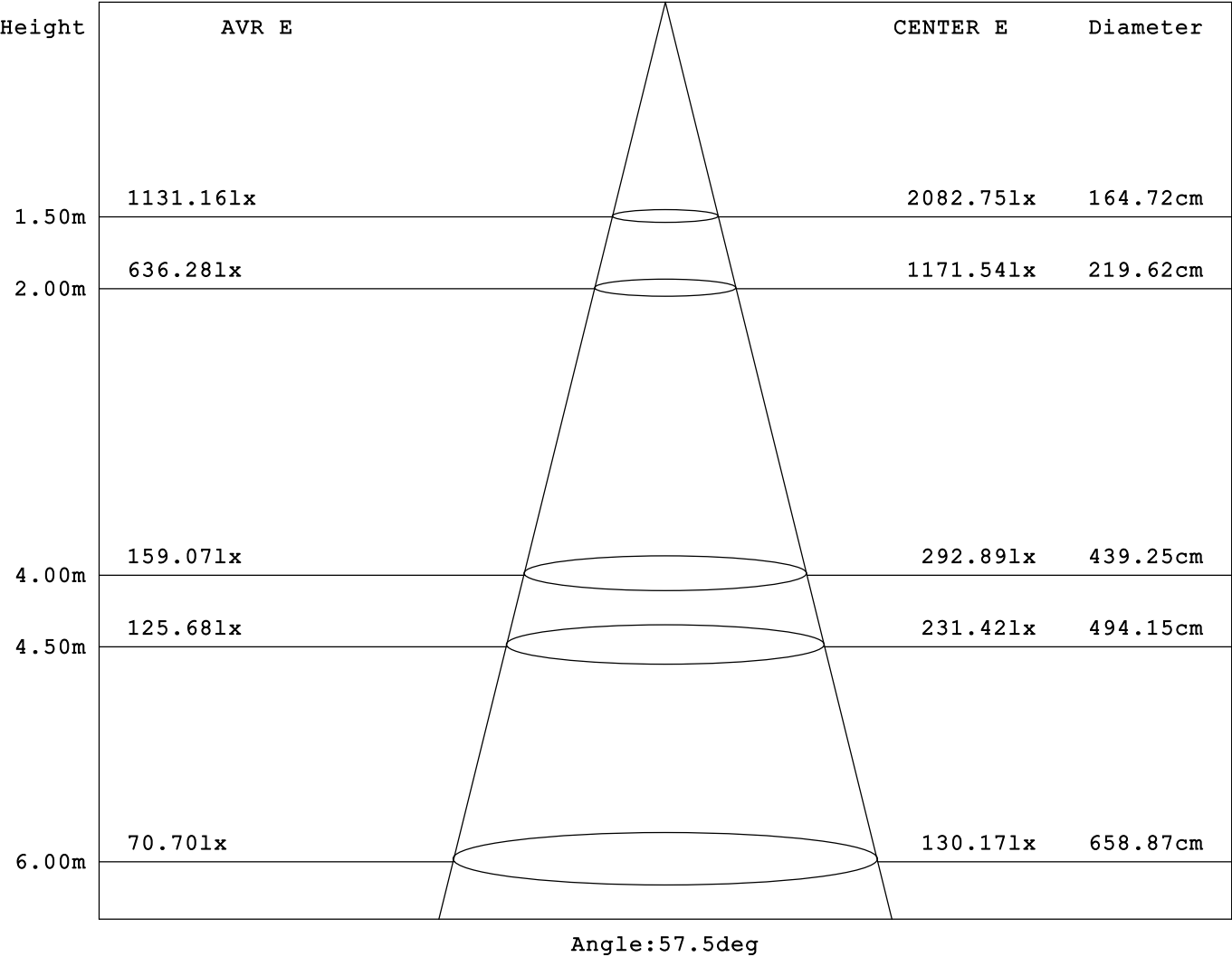
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K

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: 4000K 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:10.500 m
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K 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	3932	3708	3667	3621	3772	3906	4015	4060	0- 10	405.2	405.2
20.0	2995	2897	2887	2800	2836	2949	2970	3038	10- 20	930.5	1336
30.0	2385	2287	2207	2118	2124	2227	2238	2379	20- 30	1200	2536
40.0	1322	1203	1090	990.2	1010	1102	1195	1313	30- 40	1081	3617
50.0	412.9	361.8	309.3	297.7	298.5	316.2	376.0	384.5	40- 50	529.1	4146
60.0	92.49	69.84	49.28	51.54	46.52	59.75	79.93	81.19	50- 60	168.2	4314
70.0	19.73	13.00	7.166	12.56	8.709	12.29	18.52	13.45	60- 70	30.35	4345
80.0	14.00	9.702	6.063	9.646	7.386	8.875	12.67	9.205	70- 80	11.69	4356
90.0	11.57	8.654	5.733	7.662	7.827	6.118	8.820	7.331	80- 90	9.618	4366
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:10.500 m
Remarks: 4000K

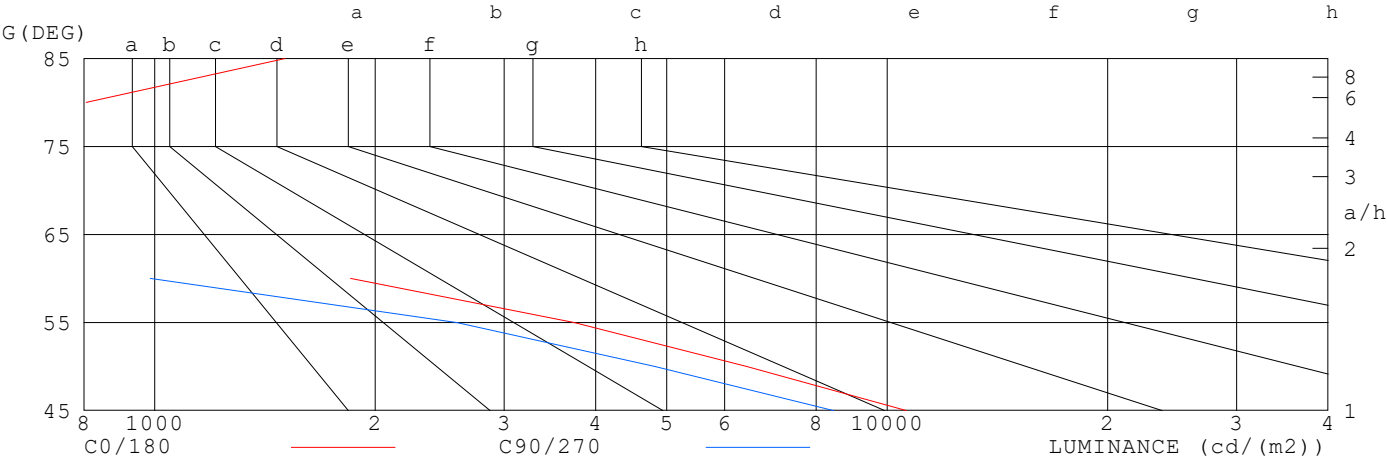
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K 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	1505	708
80	806	349
75	622	247
70	577	210
65	796	313
60	1850	986
55	3739	2583
50	6425	4813
45	10621	8446

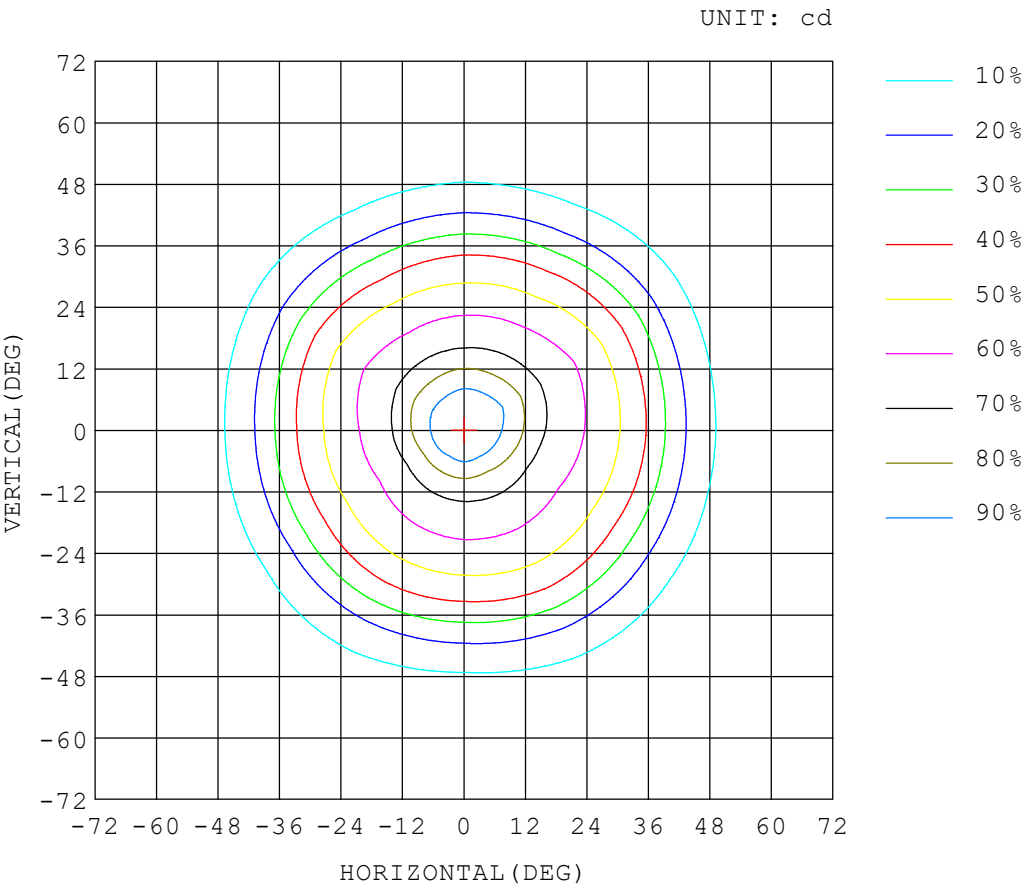
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:



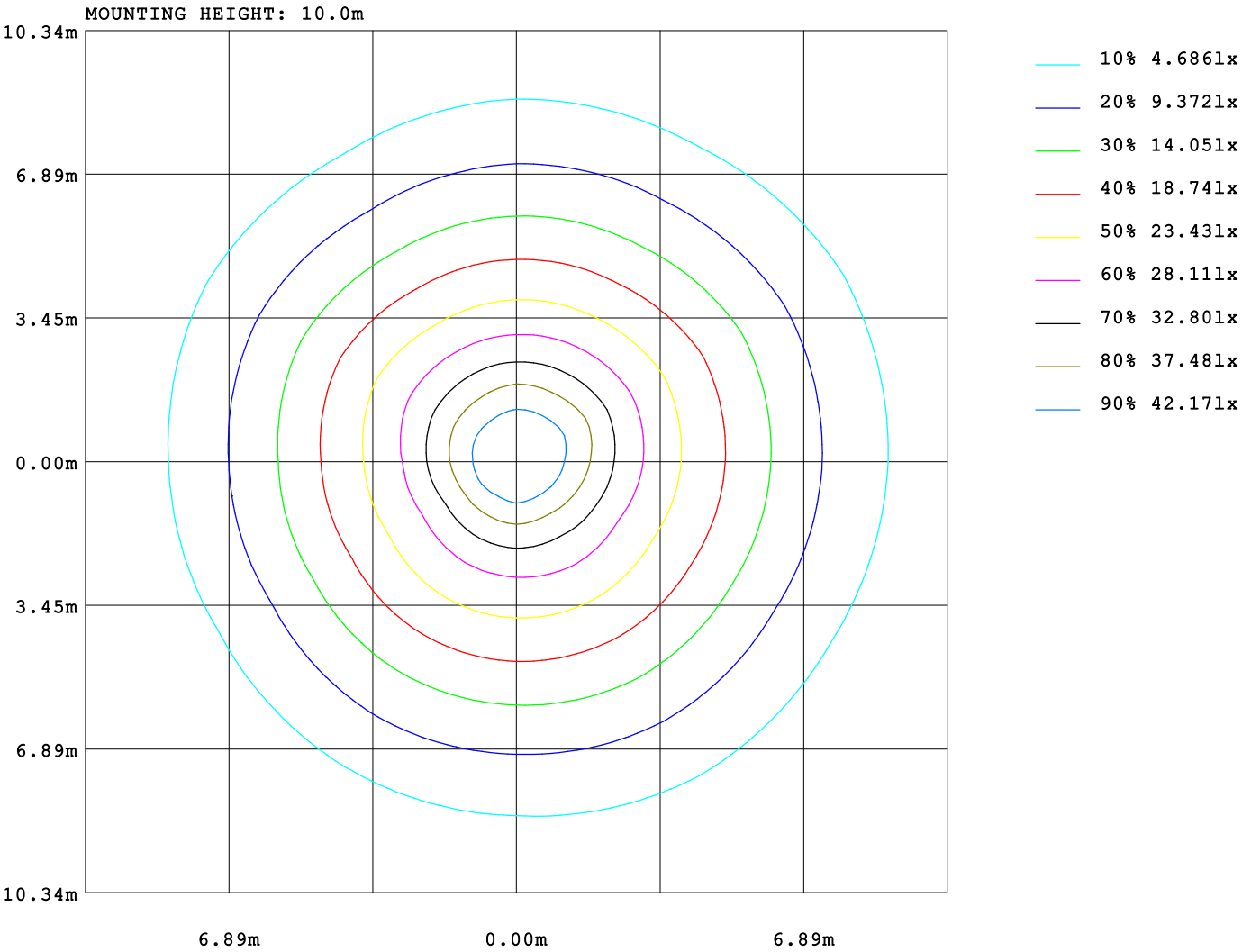
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K 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:10.500 m
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS																			
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019																			
NAME: XTO ROUND RING										TYPE: 4000K 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	0.12	0.15	0.15	0.14	0.14	0.22	0.32	0.43	0.43	0.34	0.24	0.15	0.15	0.16	0.15	0.13	0.09	3.60	0.00		
64	0.08	0.13	0.18	0.22	0.29	0.46	0.83	1.31	1.69	1.73	1.42	0.96	0.57	0.37	0.25	0.20	0.15	0.10	10.9	0.00		
56	0.08	0.15	0.25	0.49	1.06	2.00	3.30	4.69	5.74	5.85	4.98	3.69	2.39	1.36	0.65	0.31	0.18	0.11	37.3	0.00		
48	0.09	0.17	0.46	1.32	2.97	5.32	8.39	12.0	14.8	15.1	12.9	9.40	6.23	3.64	1.73	0.63	0.23	0.12	95.7	65.6		
40	0.09	0.22	0.89	2.75	5.98	11.6	19.0	26.4	31.2	31.8	28.3	21.5	13.8	7.45	3.52	1.25	0.34	0.13	207	189		
32	0.09	0.31	1.51	4.47	10.9	21.8	32.9	40.9	45.7	46.2	42.7	35.9	25.4	13.7	5.85	2.07	0.52	0.15	331	319		
24	0.09	0.43	2.15	6.49	16.9	31.8	43.6	51.7	56.9	57.5	53.4	46.2	35.6	20.9	8.51	2.95	0.73	0.17	437	426		
VERTICAL (DEG)	0.09	0.55	2.64	8.40	21.6	37.5	50.4	60.6	70.2	71.3	62.7	52.8	41.2	26.0	11.0	3.66	0.93	0.18	522	513		
	0.09	0.60	2.92	9.37	23.6	39.4	52.3	66.9	83.8	85.4	70.3	55.1	43.3	28.2	12.4	4.08	1.03	0.19	580	571		
	0.08	0.58	2.85	9.14	23.0	38.6	50.9	63.9	80.9	81.7	67.0	53.9	42.5	27.6	12.1	4.00	1.00	0.19	560	551		
	0.08	0.48	2.46	7.82	19.9	35.1	47.1	56.7	65.5	66.1	58.8	49.9	39.0	24.2	10.3	3.44	0.85	0.17	488	479		
	0.07	0.34	1.85	5.80	14.7	28.7	41.3	50.2	55.1	55.7	51.9	44.2	32.5	18.4	7.65	2.63	0.62	0.14	412	401		
	0.06	0.21	1.16	3.80	9.40	19.6	31.7	40.4	45.0	45.6	42.3	34.7	23.2	11.9	4.98	1.71	0.40	0.12	317	304		
	0.06	0.13	0.58	2.12	5.38	10.9	18.4	25.6	29.8	30.5	27.5	21.1	13.0	6.68	2.84	0.91	0.22	0.10	196	179		
	0.05	0.08	0.24	0.95	2.65	5.26	8.49	11.5	13.5	13.9	12.5	9.58	6.21	3.31	1.33	0.37	0.13	0.08	90.4	59.8		
	0.05	0.07	0.12	0.35	0.98	2.11	3.35	4.29	4.84	4.97	4.64	3.79	2.50	1.25	0.48	0.15	0.09	0.07	34.1	0.00		
	0.05	0.06	0.10	0.18	0.34	0.63	0.90	1.12	1.22	1.26	1.22	1.02	0.73	0.40	0.20	0.10	0.07	0.07	9.69	0.00		
-24	0.05	0.06	0.09	0.15	0.22	0.30	0.30	0.27	0.23	0.23	0.29	0.32	0.31	0.23	0.15	0.10	0.07	0.06	3.43	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	1.32	4.70	20.6	64.0	161	292	414	520	607	616	544	445	329	196	84.3	28.7	7.68	2.24	4366			
Φ a	0.00	0.00	0.00	35.8	141	275	398	504	592	600	528	429	313	178	62.1	1.80	0.00	0.00		4057		

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

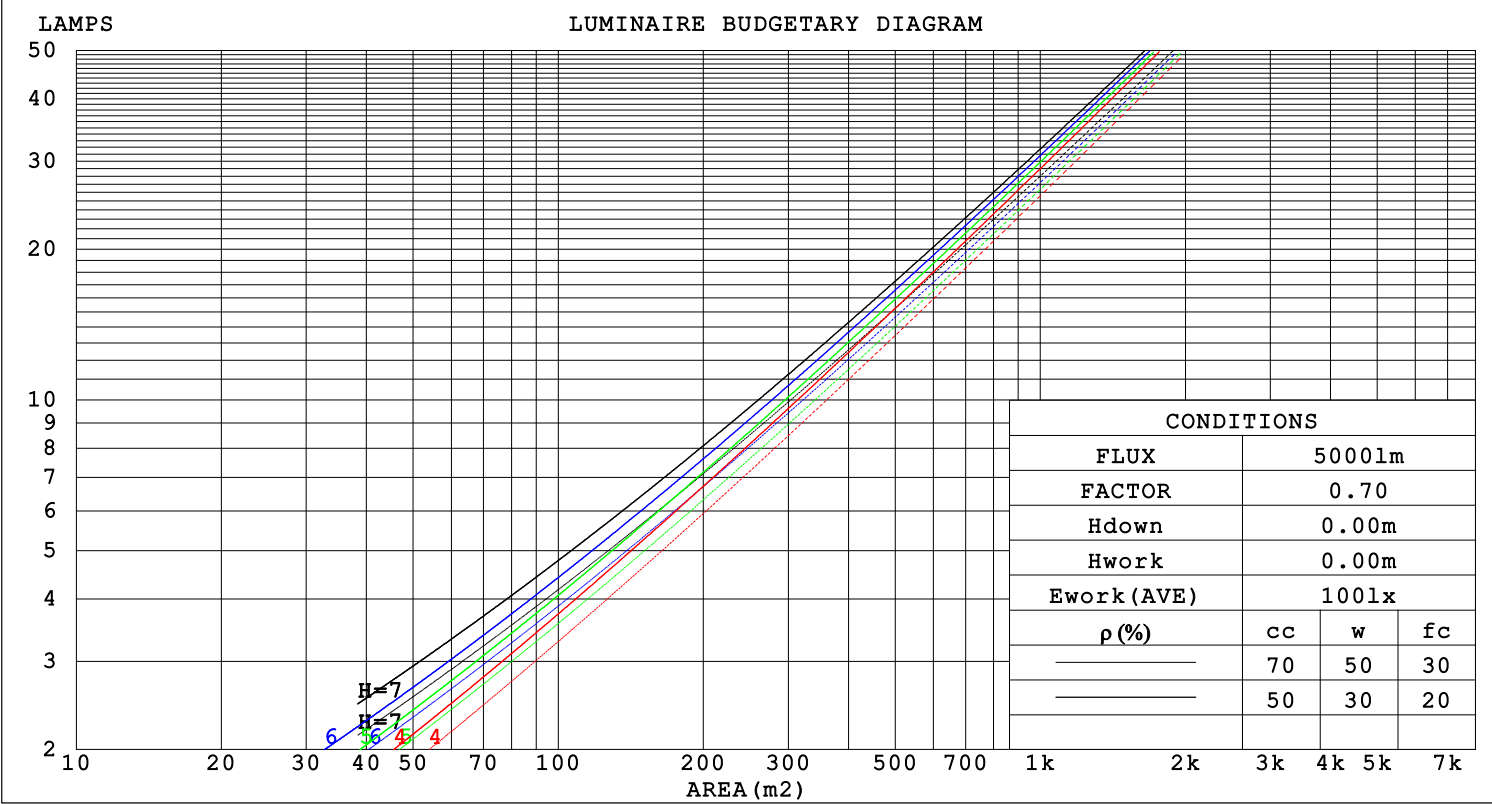
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO ROUND RING								TYPE: 4000K 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
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	1.10	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 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:10.500 m
Remarks: 4000K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS														
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019														
NAME: XTO ROUND RING								TYPE: 4000K 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:10.500 m
 Remarks: 4000K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS											
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019											
NAME: XTO ROUND RING					TYPE: 4000K 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		16.5	17.6	16.7	17.7	17.9	16.1	17.1	16.3	17.3	17.5
	3H	16.3	17.3	16.6	17.5	17.7	15.9	16.9	16.1	17.1	17.3
	4H	16.2	17.2	16.5	17.4	17.6	15.8	16.7	16.1	16.9	17.2
	6H	16.2	17.0	16.5	17.3	17.5	15.7	16.6	16.0	16.8	17.1
	8H	16.2	17.0	16.5	17.2	17.5	15.7	16.5	16.0	16.8	17.0
	12H	16.1	16.9	16.5	17.2	17.5	15.6	16.4	16.0	16.7	17.0
4H	2H	16.3	17.2	16.5	17.4	17.6	15.8	16.7	16.1	17.0	17.2
	3H	16.1	16.9	16.4	17.2	17.4	15.7	16.4	16.0	16.7	17.0
	4H	16.0	16.7	16.4	17.0	17.3	15.6	16.3	15.9	16.6	16.9
	6H	15.9	16.6	16.3	16.9	17.3	15.5	16.1	15.9	16.5	16.8
	8H	15.9	16.5	16.3	16.9	17.2	15.5	16.1	15.9	16.4	16.8
	12H	15.9	16.5	16.3	16.8	17.2	15.4	16.0	15.9	16.3	16.7
8H	4H	15.9	16.5	16.3	16.8	17.2	15.4	16.0	15.8	16.4	16.7
	6H	15.8	16.3	16.2	16.7	17.1	15.4	15.9	15.8	16.3	16.7
	8H	15.8	16.2	16.3	16.6	17.1	15.4	15.8	15.8	16.2	16.7
	12H	15.8	16.2	16.3	16.6	17.1	15.4	15.7	15.8	16.2	16.6
12H	4H	15.8	16.4	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	17.1	15.3	15.8	15.8	16.2	16.6
	8H	15.8	16.1	16.2	16.6	17.0	15.3	15.7	15.8	16.1	16.6
Variations with the observer position at spacings:											
S = 1.0H		+ 2.8 / - 7.5					+ 2.6 / - 8.7				
1.5H		+ 4.1 / - 7.5					+ 3.7 / - 6.1				
2.0H		+ 6.3 / - 8.6					+ 5.4 / - 8.1				

CIE Pub.117 Corrected 4366 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:10.500 m
Remarks: 4000K

UTILIZATION FACTORS TABLE

Report number:

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

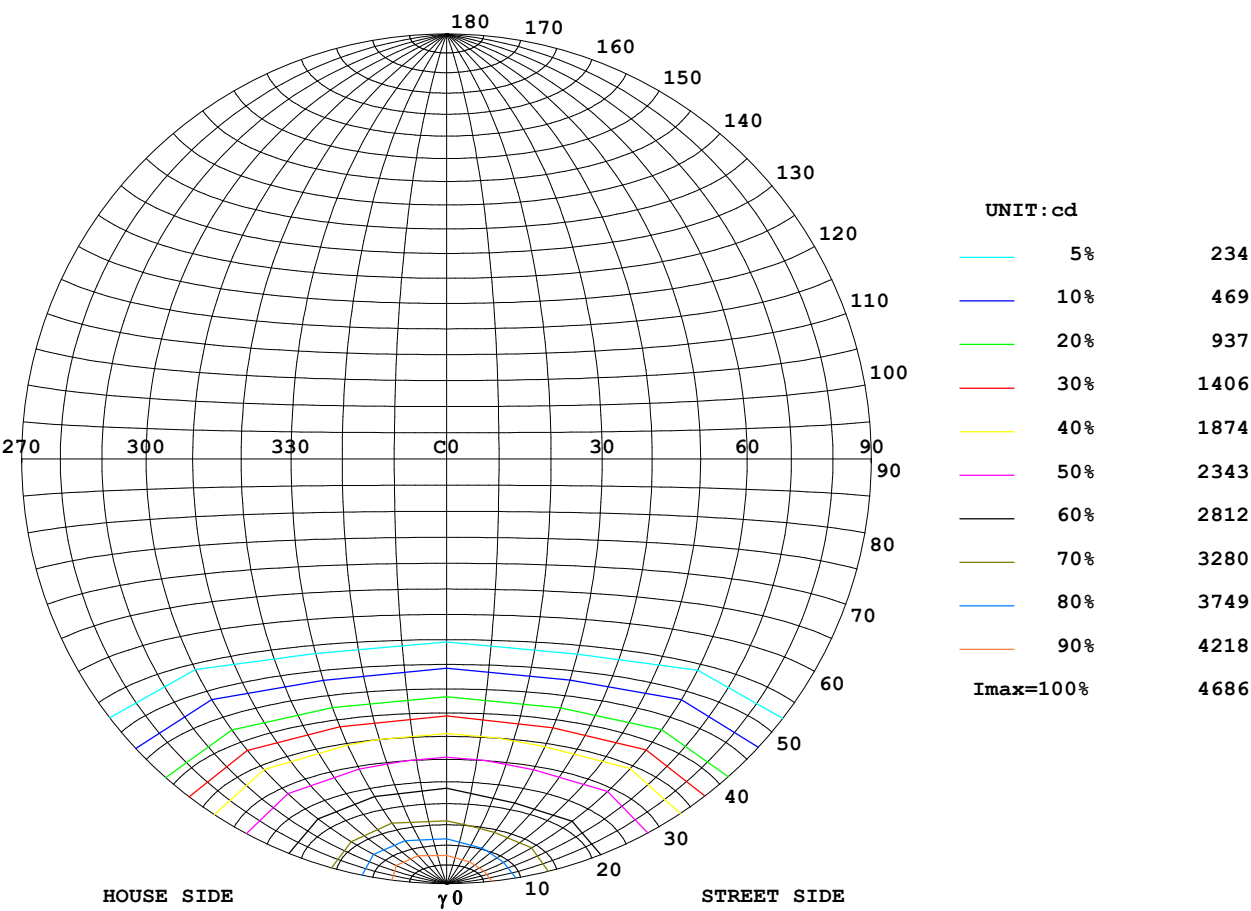
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 08-27-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.500 m
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

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

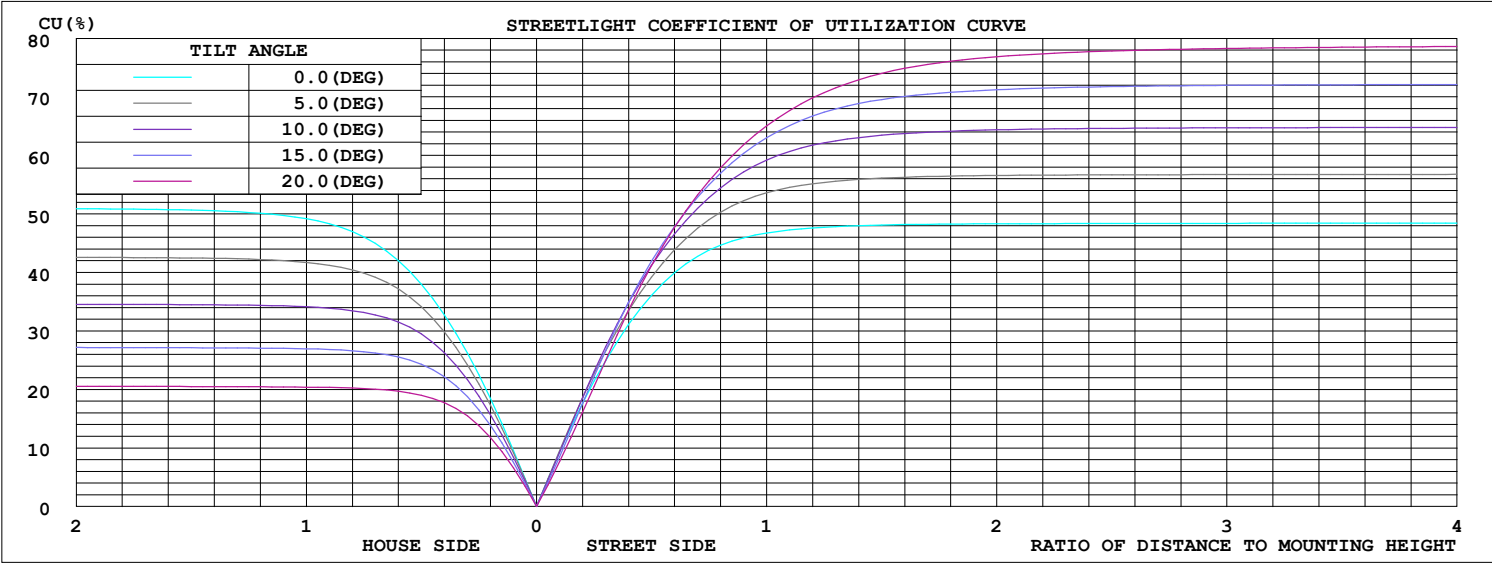
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K CRI-90	WEIGHT:
SPECIFICATION: FULHAM -1050 MA	DIMENSION: D-660 H-76 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 46.86 lx



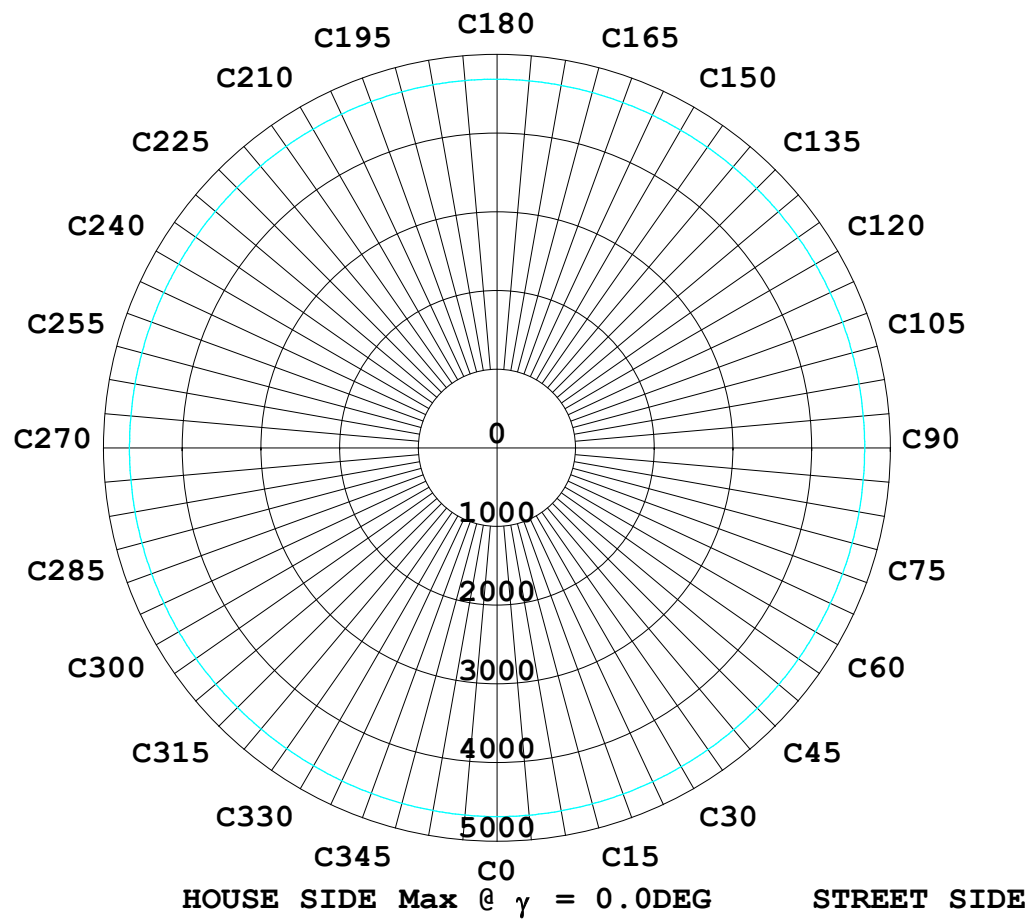
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:08-27-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K 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:10.500 m
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO ROUND RING	TYPE: 4000K 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	4686	4679	4674	4671	4671	4665	4686	4679	4674	4671	4671	4665
5.0	4478	4406	4351	4384	4318	4393	4410	4467	4491	4549	4562	4560
10.0	3932	3773	3643	3667	3635	3606	3772	3897	3915	4015	4013	4108
15.0	3343	3202	3209	3170	3129	3044	3154	3310	3340	3360	3421	3480
20.0	2995	2888	2906	2887	2840	2760	2836	2969	2929	2970	3011	3064
25.0	2735	2645	2643	2601	2547	2466	2536	2679	2598	2640	2687	2821
30.0	2385	2286	2287	2207	2161	2076	2124	2271	2184	2238	2291	2466
35.0	1945	1805	1816	1715	1682	1567	1643	1776	1686	1801	1841	2020
40.0	1322	1198	1208	1090	1037	944	1010	1132	1072	1195	1218	1407
45.0	751	668	671	597	595	516	552	611	576	663	655	780
50.0	413	350	374	309	323	272	299	321	312	376	349	420
55.0	214	172	195	148	168	124	143	177	154	198	179	223
60.0	92.4	61.6	78.0	49.2	65.5	37.4	46.5	67.5	51.9	79.9	65.7	96.6
65.0	33.6	15.3	29.4	13.2	26.3	10.9	14.2	26.6	14.0	30.2	17.4	34.1
70.0	19.7	7.49	18.5	7.16	18.1	6.94	8.70	17.6	6.94	18.5	7.49	19.4
75.0	16.0	6.39	15.2	6.39	15.1	6.17	7.82	14.5	5.84	14.8	5.84	15.4
80.0	14.0	6.06	13.3	6.06	13.3	5.95	7.38	12.4	5.29	12.6	5.40	13.0
85.0	13.1	6.17	12.2	6.17	12.4	6.28	7.38	11.1	4.96	11.1	4.96	11.3
90.0	11.5	6.83	10.4	5.73	9.70	5.62	7.82	8.15	4.07	8.82	4.96	9.70

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.500 m
Remarks: 4000K