

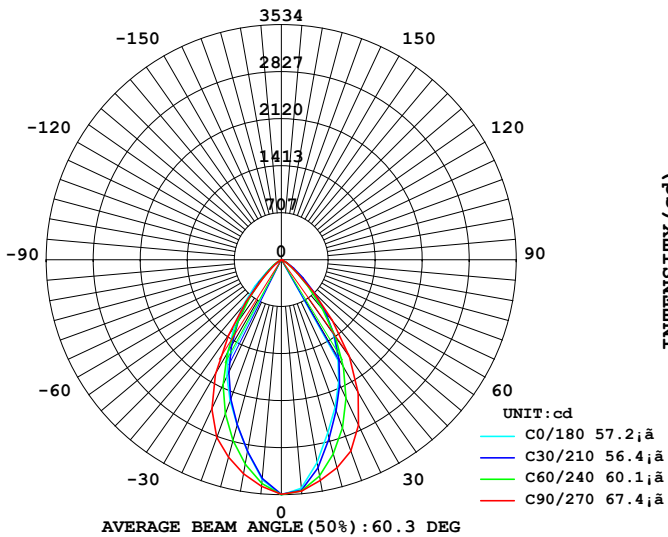
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

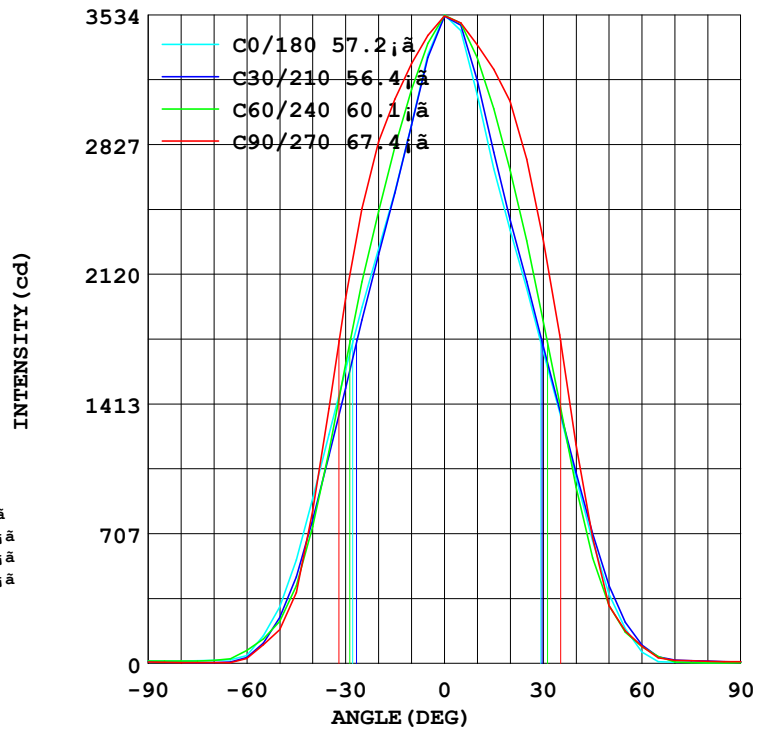
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3534	S/MH (C0/180)	0.78
MODEL	XTO 35	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.95
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3574.1	Voltage (V)	219.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	126.3	Current (A)	0.130
NOMINAL FLUX (lm)	3574.2	η up (%)	0.0	Power (W)	28.29
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.995
TEST VOLTAGE (V)	219.7	Effictive Flux(lm)	3341.3	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.300 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 CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

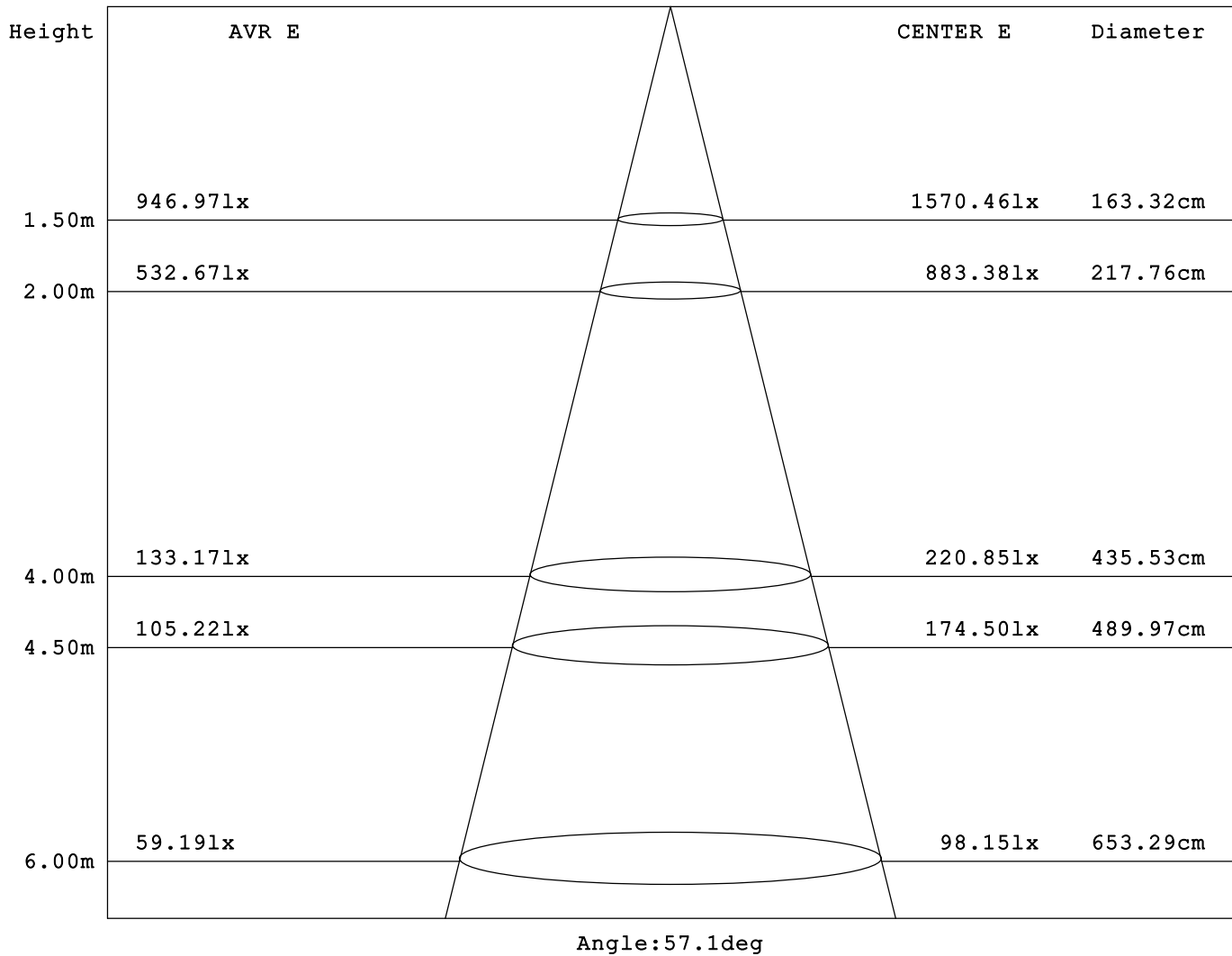
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 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 CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.300 m
 Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2934	3030	3267	3143	3100	3240	3370	3114	0- 10	317.5	317.5
20.0	2259	2344	2842	2475	2362	2552	3062	2465	10- 20	795.1	1113
30.0	1602	1565	1989	1679	1703	1799	2312	1713	20- 30	986.8	2100
40.0	898.2	763.1	830.4	853.1	1011	999.9	1192	914.3	30- 40	831.0	2931
50.0	307.4	239.4	183.2	282.7	377.0	369.9	314.2	315.8	40- 50	443.1	3374
60.0	43.26	51.13	27.83	68.68	61.72	95.53	93.95	76.40	50- 60	151.1	3525
70.0	16.33	10.59	4.236	10.96	6.202	12.93	17.39	10.89	60- 70	30.21	3555
80.0	13.01	9.077	4.538	8.850	5.143	7.791	12.10	7.564	70- 80	10.12	3565
90.0	12.40	10.81	7.564	9.606	6.808	6.202	8.926	6.202	80- 90	9.023	3574
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:05-26-2025

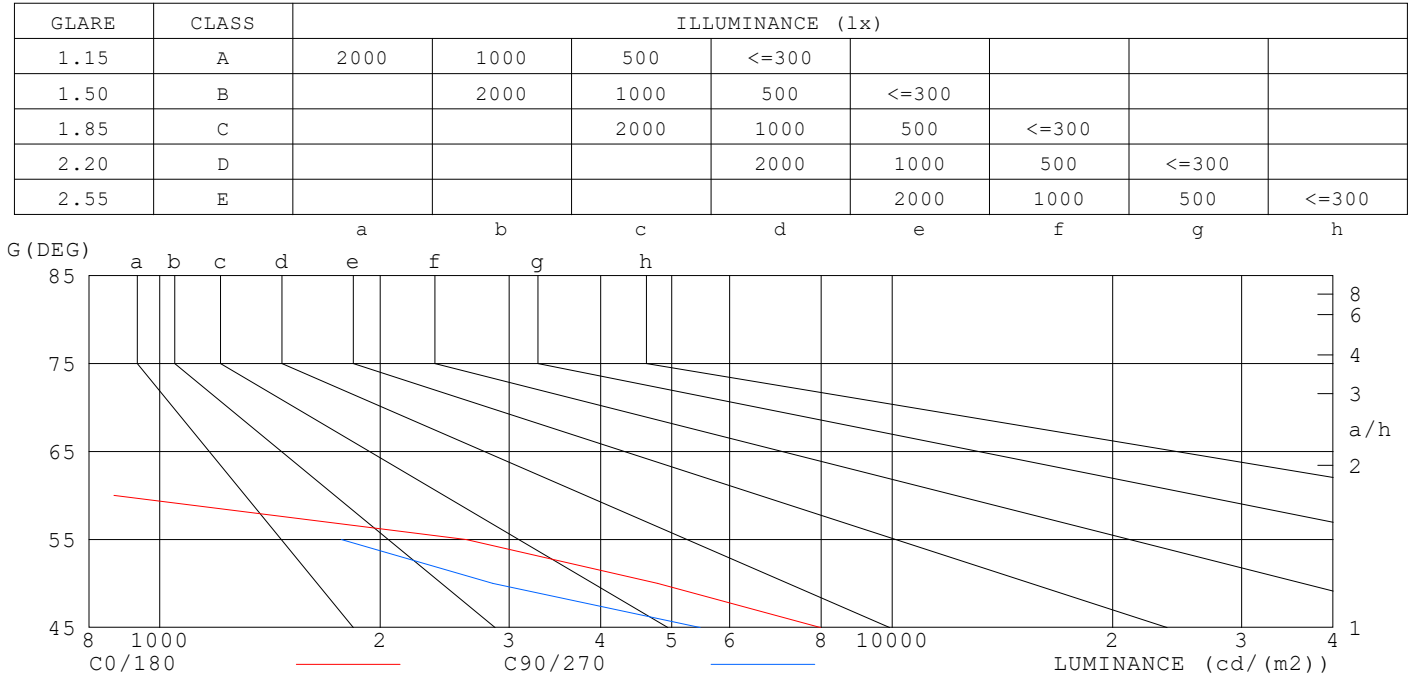
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.300 m
 Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

G (DEG)	C0/180	C90/270
85	1475	625
80	749	261
75	549	158
70	478	124
65	480	122
60	865	557
55	2622	1770
50	4783	2850
45	7987	5471

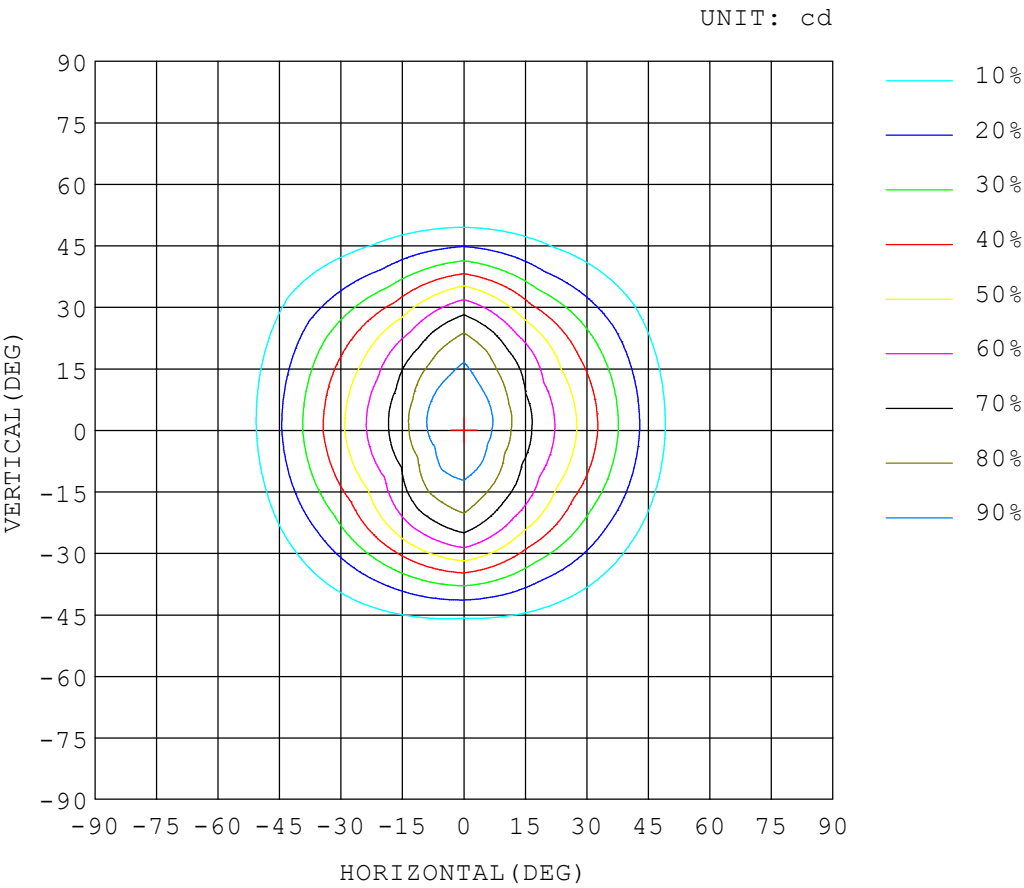
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



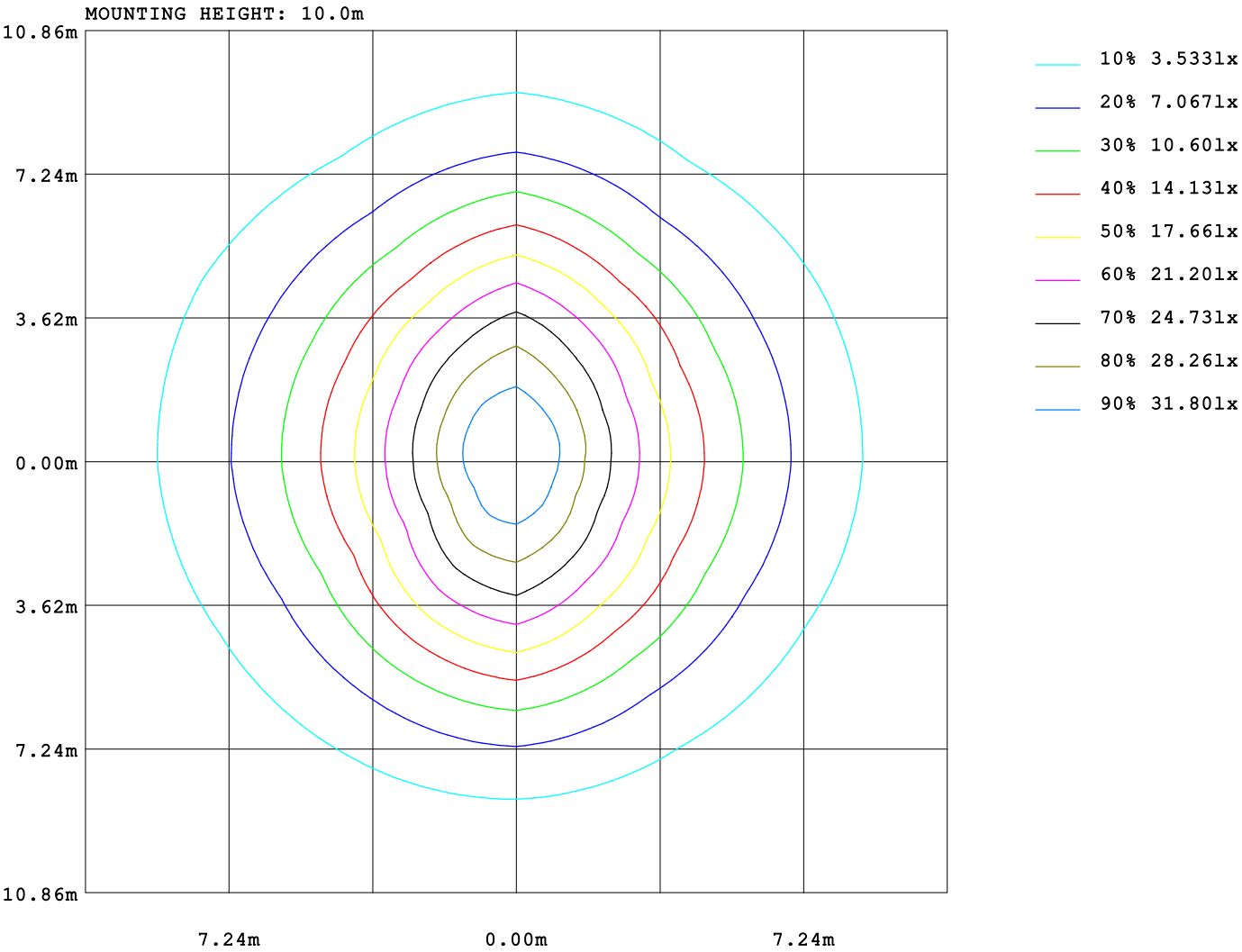
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019

NAME: XTO CULTIVATOR

TYPE: 5700K CRI-90

WEIGHT:

SPECIFICATION: FULHAM-600 MA

DIMENSION: 1200*55*77 MM

SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.06	0.11	0.15	0.14	0.11	0.12	0.20	0.28	0.28	0.20	0.13	0.11	0.14	0.15	0.13	0.08	0.03	2.43	0.00		
90	0.02	0.06	0.13	0.18	0.18	0.14	0.15	0.27	0.39	0.38	0.26	0.14	0.13	0.17	0.18	0.14	0.09	0.03	3.03	0.00		
80	0.02	0.06	0.14	0.23	0.27	0.39	0.69	1.04	1.26	1.20	0.90	0.51	0.29	0.24	0.22	0.16	0.09	0.03	7.76	0.00		
70	0.02	0.06	0.15	0.32	0.77	1.84	3.20	4.64	5.61	5.49	4.32	2.78	1.47	0.60	0.30	0.18	0.10	0.03	31.9	0.00		
60	0.02	0.06	0.17	0.60	2.34	5.52	9.53	14.9	20.2	19.9	14.1	8.58	4.62	1.82	0.51	0.20	0.10	0.03	103	72.3		
50	0.02	0.06	0.19	1.25	5.37	12.8	23.0	35.8	49.2	48.7	34.4	21.1	11.0	4.28	0.98	0.24	0.11	0.03	249	235		
40	0.02	0.06	0.24	2.22	9.20	22.3	38.8	57.3	75.8	75.2	55.6	36.3	19.7	7.57	1.72	0.28	0.11	0.03	403	393		
30	0.01	0.05	0.30	3.14	12.6	29.6	49.8	72.0	92.0	90.4	69.3	46.7	26.8	10.6	2.47	0.33	0.11	0.03	507	498		
	0.01	0.05	0.32	3.63	14.5	33.5	55.5	78.9	101	98.3	75.1	52.5	30.7	12.4	2.90	0.34	0.11	0.03	560	553		
	0.01	0.04	0.29	3.47	14.0	32.5	54.1	77.0	98.9	96.3	73.7	51.6	29.9	12.0	2.76	0.31	0.11	0.03	547	540		
	0.01	0.04	0.23	2.71	11.1	26.8	46.1	69.4	89.0	86.1	65.8	43.9	24.4	9.45	2.10	0.26	0.10	0.03	478	469		
-30	0.01	0.04	0.14	1.68	7.25	18.4	34.8	54.4	70.0	68.0	50.3	32.0	16.4	5.99	1.23	0.19	0.10	0.03	361	351		
-40	0.01	0.04	0.09	0.77	3.74	9.83	19.2	30.8	40.1	39.0	28.2	17.3	8.53	2.89	0.53	0.14	0.09	0.03	202	187		
-50	0.01	0.04	0.07	0.26	1.48	4.20	7.61	10.9	13.3	13.0	10.3	6.80	3.45	1.03	0.19	0.12	0.08	0.03	73.0	36.2		
-60	0.02	0.04	0.07	0.11	0.42	1.37	2.71	3.38	3.39	3.27	3.08	2.35	1.10	0.32	0.11	0.10	0.08	0.03	21.9	0.00		
-70	0.02	0.04	0.07	0.10	0.20	0.39	0.62	0.64	0.46	0.44	0.58	0.57	0.37	0.20	0.11	0.09	0.08	0.03	4.99	0.00		
-80	0.02	0.05	0.07	0.11	0.19	0.29	0.34	0.27	0.18	0.18	0.27	0.34	0.29	0.19	0.12	0.10	0.08	0.03	3.11	0.00		
-90	0.02	0.05	0.09	0.13	0.20	0.27	0.30	0.26	0.21	0.21	0.27	0.32	0.29	0.21	0.15	0.11	0.08	0.03	3.20	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)		20	30	40	50	60	70	80	90				
Φ t	0.29	0.93	2.85	21.1	84.1	201	347	513	662	647	487	324	180	70.3	16.7	3.41	1.70	0.58	3574			
Φ a	0.00	0.00	0.00	0.62	62.9	183	329	496	646	631	471	307	162	46.5	0.00	0.00	0.00	0.00		3341		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

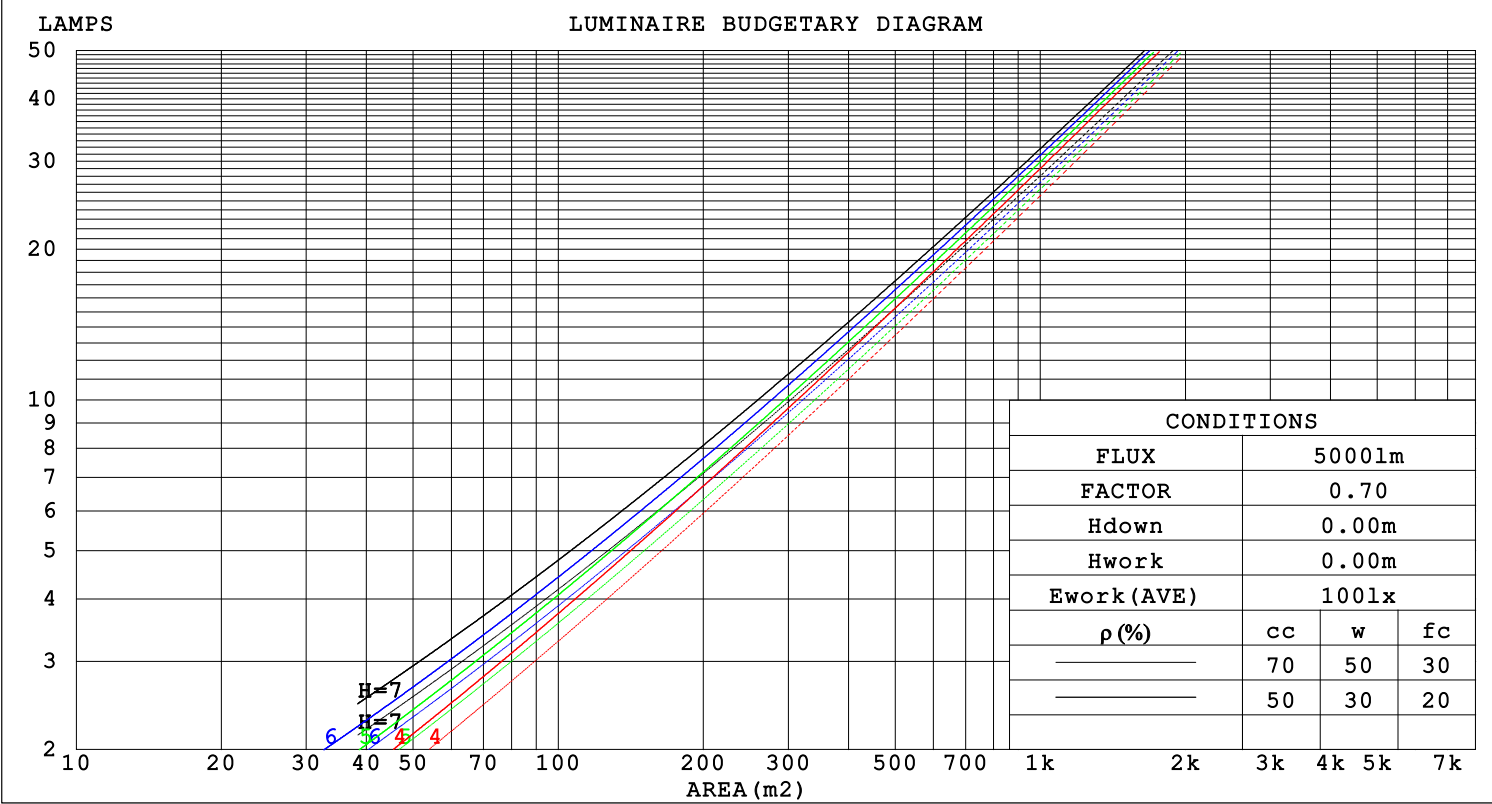
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.300 m
 Remarks: 5700K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO CULTIVATOR								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM-600 MA								DIMENSION: 1200*55*77 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	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.86	.80	.75	.85	.79	.75	.83	.78	.74	.81	.77	.73	.79	.75	.72	.71
5.0	.80	.73	.69	.79	.73	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.66	.62	.69	.65	.61	.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 System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

WEC AND CCEC

Report number:

MANUFACTURER: DIVINITY LIGHTS															
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019															
NAME: XTO CULTIVATOR								TYPE: 5700K CRI-90				WEIGHT:			
SPECIFICATION: FULHAM-600 MA								DIMENSION: 1200*55*77 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	.112	.035	.190	.108	.034	.177	.101	.032	.165	.095	.031	.154	.090	.029	
2.0	.189	.104	.032	.184	.101	.031	.173	.096	.030	.163	.091	.029	.154	.087	.027	
3.0	.181	.096	.029	.176	.094	.028	.167	.090	.027	.158	.087	.027	.150	.083	.026	
4.0	.172	.090	.026	.168	.088	.026	.160	.085	.025	.152	.082	.025	.146	.079	.024	
5.0	.164	.084	.024	.160	.082	.024	.153	.080	.023	.147	.077	.023	.140	.075	.023	
6.0	.156	.078	.022	.153	.077	.022	.147	.075	.022	.141	.073	.022	.135	.071	.021	
7.0	.149	.074	.021	.146	.073	.021	.140	.071	.020	.135	.069	.020	.130	.068	.020	
8.0	.142	.069	.020	.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	.159	.132	.110	.136	.114	.095	.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	.112	.076	.050	.077	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.123	.079	.047	.106	.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	.096	.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:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:12.300 m
 Remarks: 5700K

Uncorrected UGR Table

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 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	14.4	15.5	14.7	15.7	15.8	14.0	15.1	14.2	15.2	15.4
3H	14.3	15.2	14.5	15.5	15.7	13.8	14.8	14.1	15.0	15.2
4H	14.2	15.1	14.5	15.3	15.6	13.7	14.7	14.0	14.9	15.1
6H	14.1	15.0	14.4	15.3	15.5	13.7	14.5	14.0	14.8	15.0
8H	14.1	15.0	14.4	15.2	15.5	13.6	14.5	13.9	14.7	15.0
12H	14.1	14.9	14.5	15.2	15.5	13.6	14.4	13.9	14.7	14.9
4H 2H	14.2	15.1	14.5	15.3	15.6	13.8	14.7	14.1	14.9	15.1
3H	14.0	14.8	14.4	15.1	15.4	13.6	14.4	13.9	14.7	15.0
4H	14.0	14.7	14.3	15.0	15.3	13.5	14.3	13.9	14.6	14.9
6H	13.9	14.6	14.3	14.9	15.2	13.5	14.1	13.9	14.4	14.8
8H	13.9	14.5	14.3	14.9	15.2	13.5	14.0	13.8	14.4	14.8
12H	14.0	14.5	14.4	14.9	15.3	13.4	14.0	13.9	14.4	14.7
8H 4H	13.8	14.4	14.2	14.8	15.1	13.4	14.0	13.8	14.4	14.7
6H	13.8	14.3	14.2	14.7	15.1	13.4	13.9	13.8	14.3	14.7
8H	13.8	14.3	14.3	14.7	15.1	13.4	13.8	13.9	14.2	14.7
12H	13.9	14.3	14.4	14.7	15.2	13.5	13.8	13.9	14.3	14.7
12H 4H	13.8	14.3	14.2	14.7	15.1	13.4	13.9	13.8	14.3	14.7
6H	13.8	14.2	14.2	14.6	15.1	13.4	13.8	13.8	14.2	14.6
8H	13.8	14.2	14.3	14.6	15.1	13.4	13.8	13.9	14.2	14.7

Variations with the observer position at spacings:

S = 1.0H	+ 2.8 / - 7.8	+ 2.9 / - 8.1
1.5H	+ 3.8 / - 8.1	+ 4.5 / - 4.2
2.0H	+ 6.6 / - 7.6	+ 5.2 / - 6.8

CIE Pub.117 Corrected 3574 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.4)

Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 12.300 m
Remarks: 5700K

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 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	72	68	79	72	68	79	72	68	63
0.80	89	81	77	88	81	77	87	80	76	72
1.00	95	88	84	94	87	83	92	88	83	78
1.25	100	93	89	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	92	87
2.00	106	102	98	105	101	97	102	99	96	90
2.50	108	104	100	107	103	100	104	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	107	110	108	105	107	104	102	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		

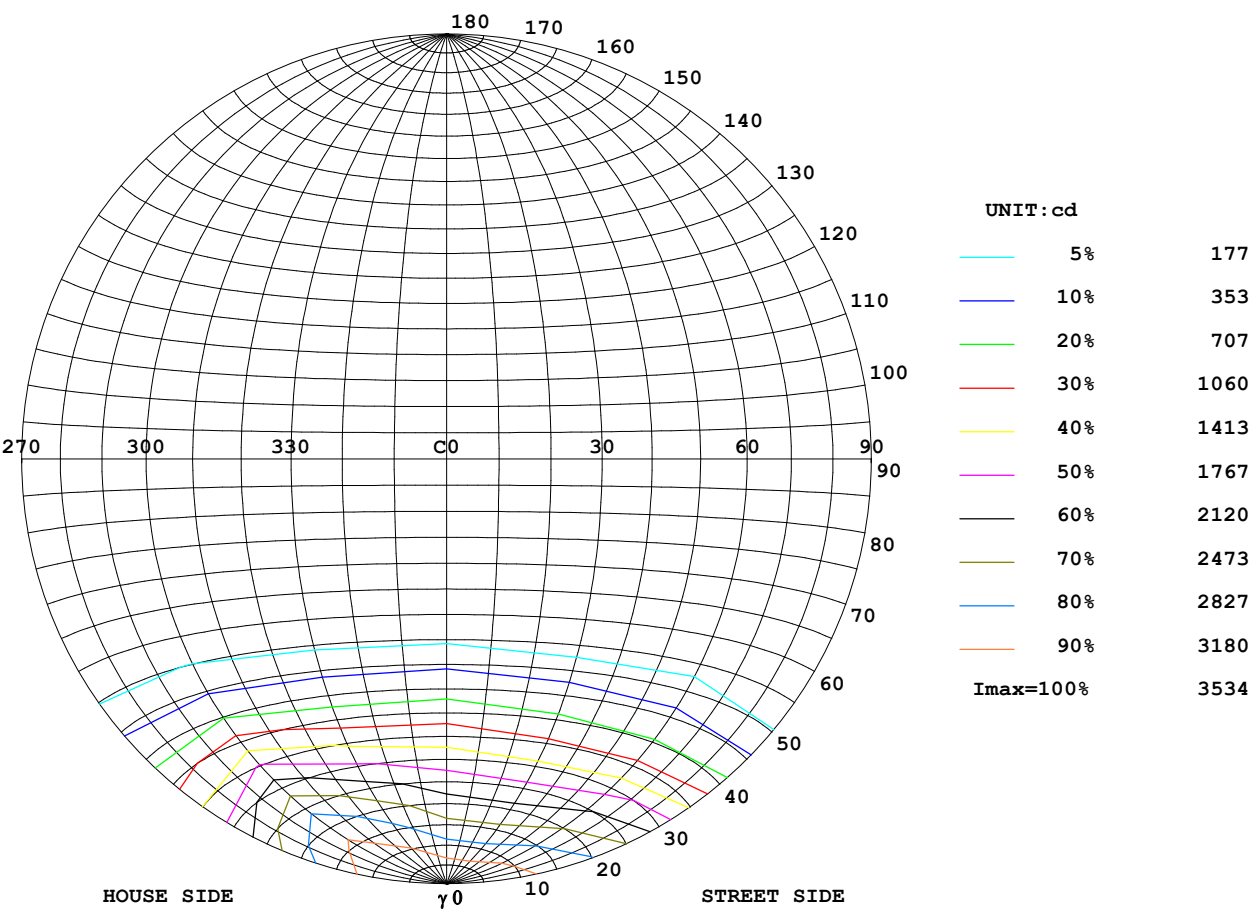
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 05-26-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 12.300 m
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 35.34 lx



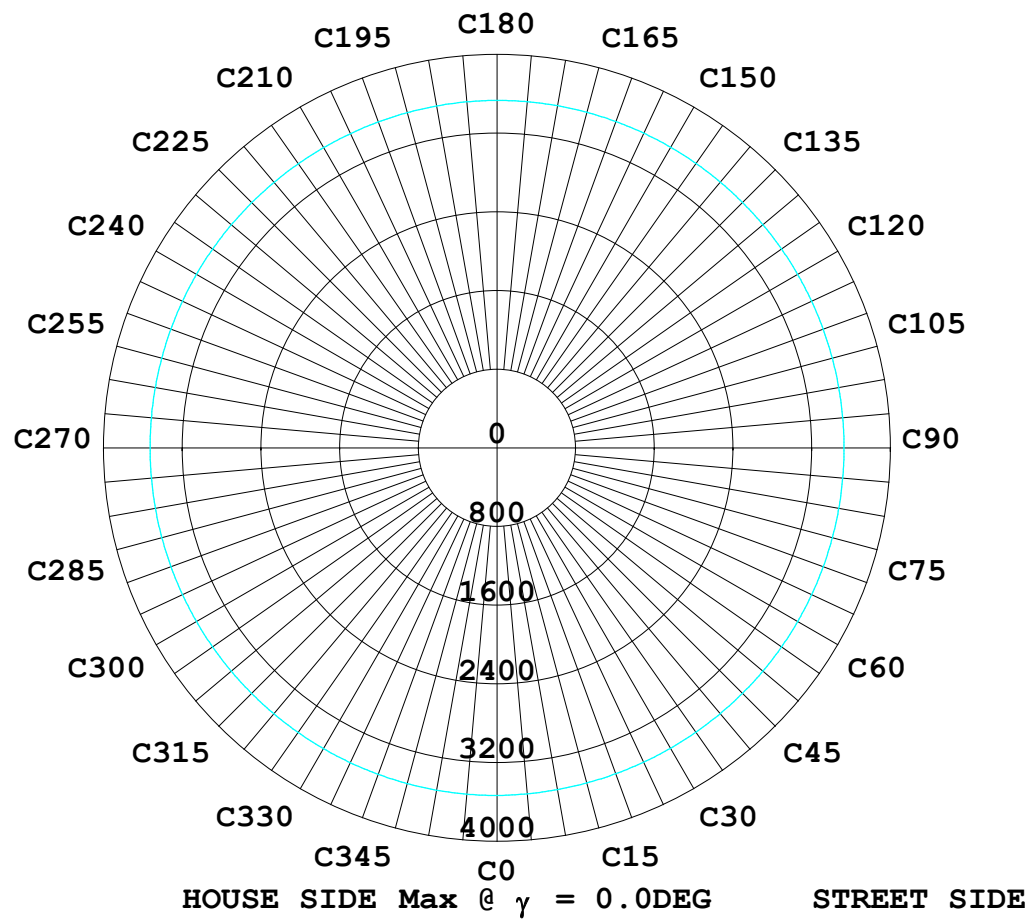
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 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 CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM-600 MA	DIMENSION: 1200*55*77 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3534	3526	3530	3528	3530	3530	3534	3526	3530	3528	3530	3530
5.0	3317	3301	3377	3421	3430	3393	3447	3476	3488	3489	3432	3387
10.0	2934	2933	3127	3267	3229	3057	3100	3179	3300	3370	3193	3035
15.0	2569	2564	2814	3074	2975	2675	2693	2785	3022	3237	2916	2647
20.0	2259	2227	2462	2842	2652	2298	2362	2417	2687	3062	2635	2295
25.0	1939	1872	2079	2477	2254	1930	2042	2081	2301	2747	2256	1958
30.0	1602	1500	1631	1989	1785	1572	1703	1731	1867	2312	1812	1614
35.0	1248	1132	1154	1389	1286	1215	1368	1384	1418	1789	1354	1273
40.0	898	782	744	830	839	867	1011	1039	961	1192	904	925
45.0	565	471	422	387	444	546	666	706	574	684	533	600
50.0	307	249	230	183	260	305	377	424	316	314	287	344
55.0	150	110	133	102	151	149	189	225	170	177	151	176
60.0	43.2	31.9	70.3	27.8	81.9	55.3	61.7	100	91.0	93.9	77.9	74.8
65.0	20.2	7.56	24.8	5.14	28.1	13.0	9.37	34.9	37.9	29.6	25.2	28.7
70.0	16.3	4.99	16.1	4.23	16.6	5.29	6.20	18.6	7.26	17.3	4.68	17.0
75.0	14.2	4.99	13.7	4.08	13.9	4.99	5.59	14.6	3.78	14.2	3.63	13.9
80.0	13.0	5.44	12.7	4.53	12.5	5.14	5.14	12.4	3.17	12.1	3.47	11.6
85.0	12.8	6.50	12.5	5.44	11.9	5.74	5.14	10.4	2.87	10.2	3.17	10.1
90.0	12.4	8.77	12.8	7.56	11.6	7.56	6.80	8.62	3.78	8.92	3.93	8.47

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:12.300 m
Remarks: 5700K