

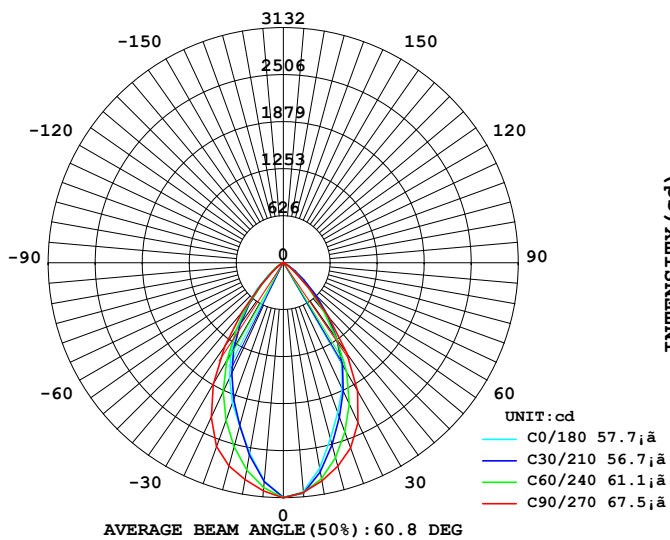
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

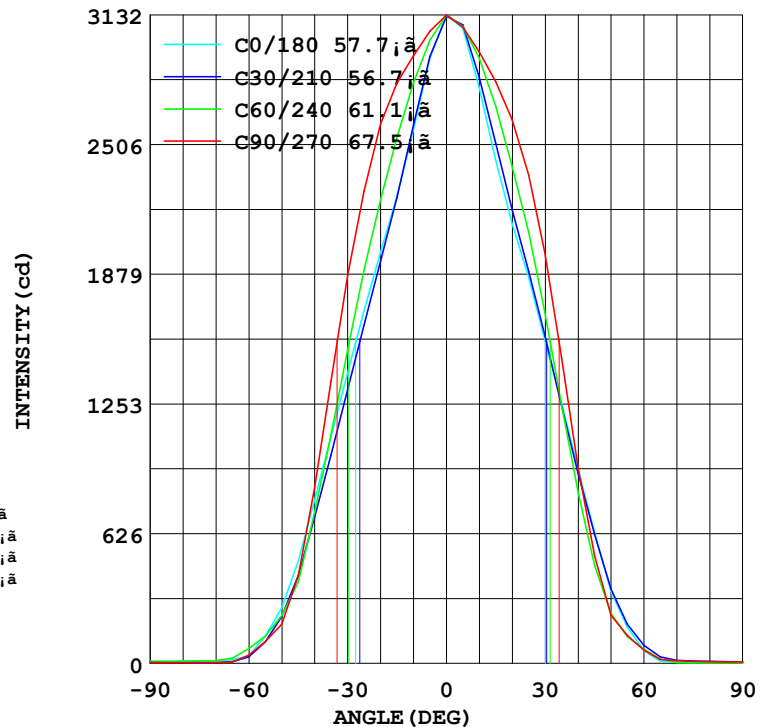
MANUFACTURER: DIVINITY LIGHTS		
Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019		
NAME: XTO CULTIVATOR	TYPE: 5700K CRI-90	WEIGHT:
SPECIFICATION: FULHAM 600 MA	DIMENSION: 1200*48*77 MM	SERIAL No.:

DATA OF LAMP		Imax (cd)	3133	S/MH (C0/180)	0.77
MODEL	XTO 20	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.98
NOMINAL POWER (W)	28	TOTAL FLUX (lm)	3186.5	Voltage (V)	219.8
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	114.6	Current (A)	0.118
NOMINAL FLUX (lm)	3186.5	η up (%)	0.0	Power (W)	27.79
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.984
TEST VOLTAGE (V)	219.9	Effective Flux (lm)	2980.8	EEI	0.127

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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: 11.600 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*48*77 MM	SERIAL No.:

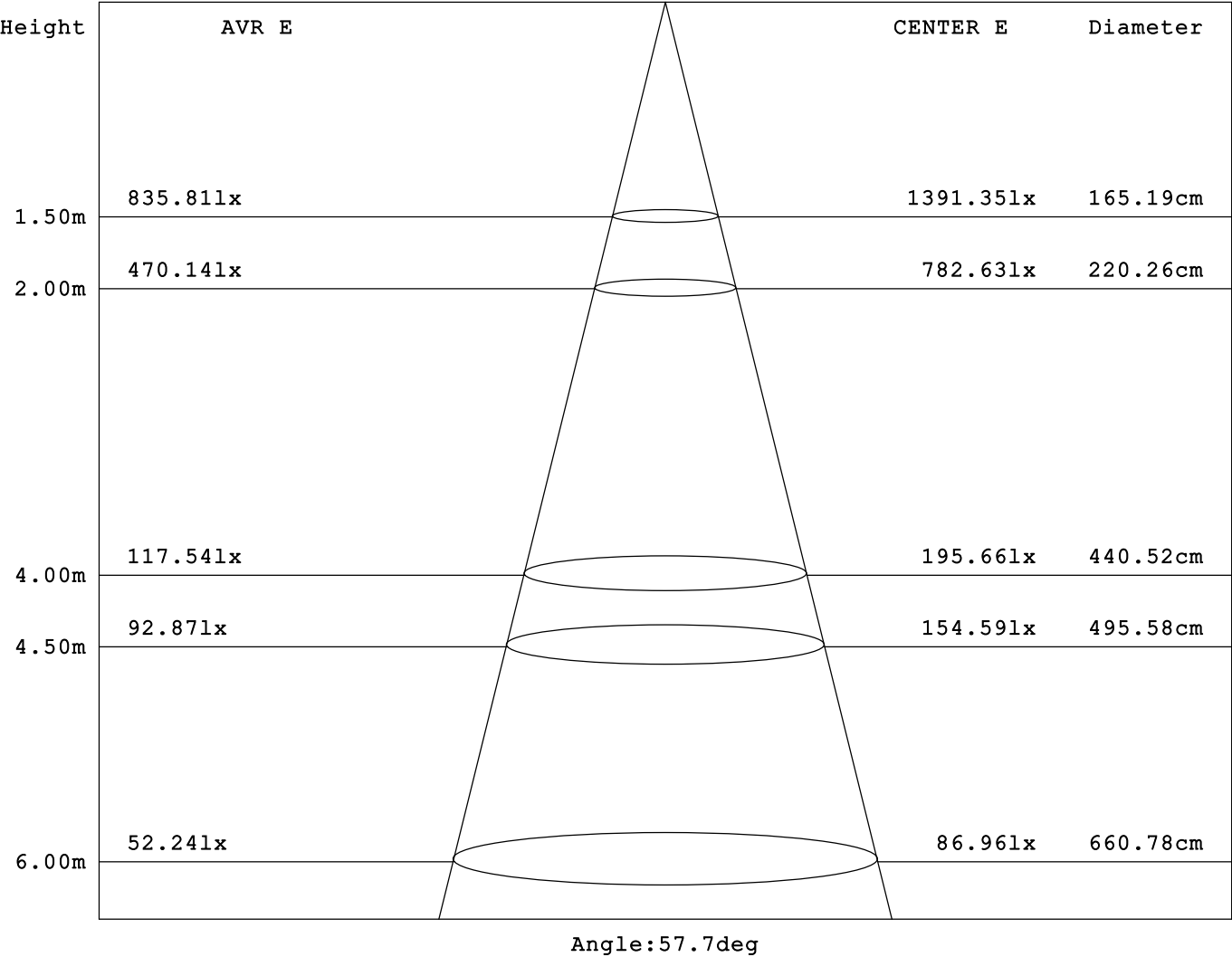
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.600 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*48*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:11.600 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*48*77 MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
10.0	2581	2704	2936	2817	2783	2878	2953	2720	0- 10	281.6	281.6
20.0	1986	2091	2605	2232	2123	2297	2626	2122	10- 20	706.2	987.8
30.0	1403	1418	1874	1553	1557	1635	1977	1454	20- 30	879.8	1868
40.0	789.7	719.2	850.1	833.9	938.0	873.7	947.5	752.0	30- 40	745.0	2613
50.0	268.3	228.6	189.3	287.0	348.9	300.2	232.3	250.2	40- 50	399.4	3012
60.0	36.06	52.27	39.56	71.11	62.97	77.57	63.78	56.71	50- 60	133.2	3145
70.0	13.85	8.880	3.364	9.486	6.055	9.284	13.18	8.006	60- 70	25.98	3171
80.0	10.89	7.333	3.364	7.064	5.382	5.651	8.746	5.382	70- 80	8.035	3179
90.0	10.36	8.477	6.055	7.400	7.400	4.507	6.458	4.305	80- 90	7.050	3187
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

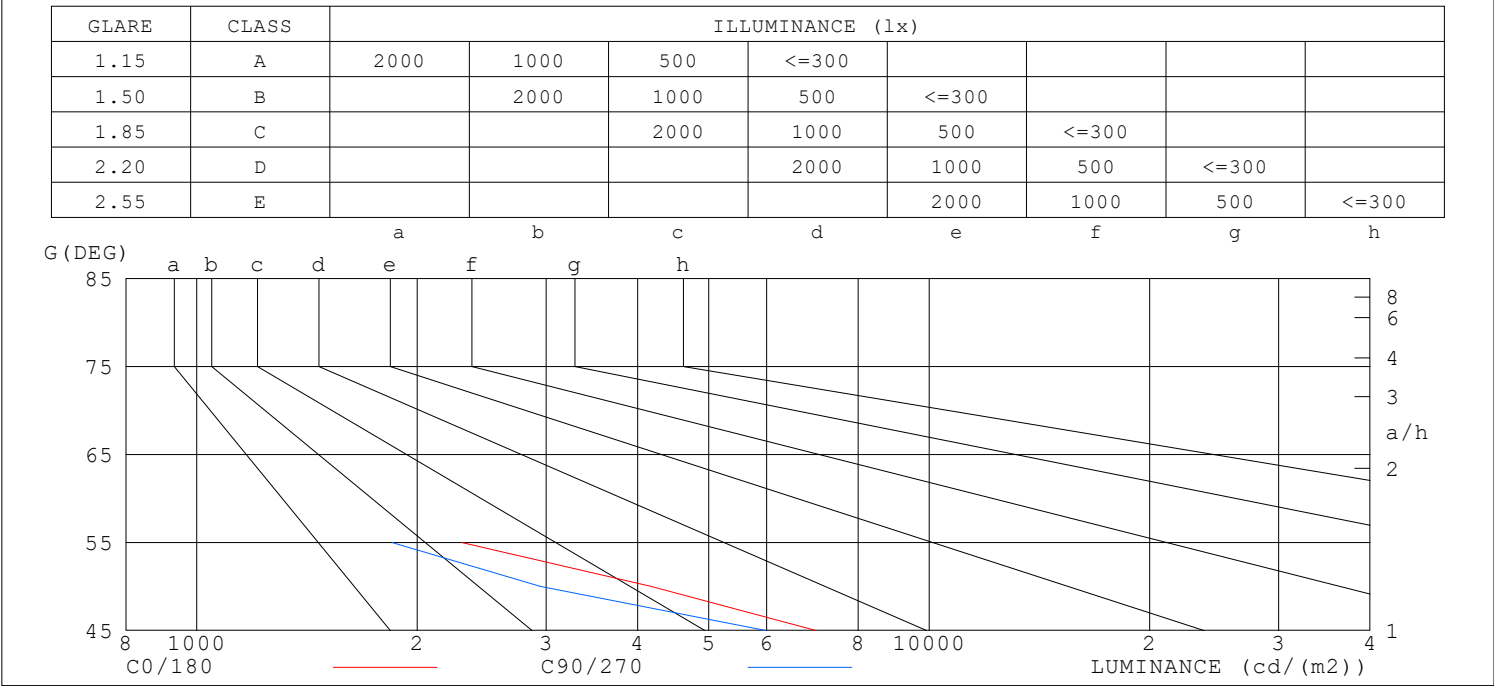
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.600 m
 Remarks: 5700K

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*48*77 MM	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	1220	463
80	628	194
75	463	120
70	405	98
65	408	150
60	721	791
55	2301	1849
50	4174	2945
45	7012	5989

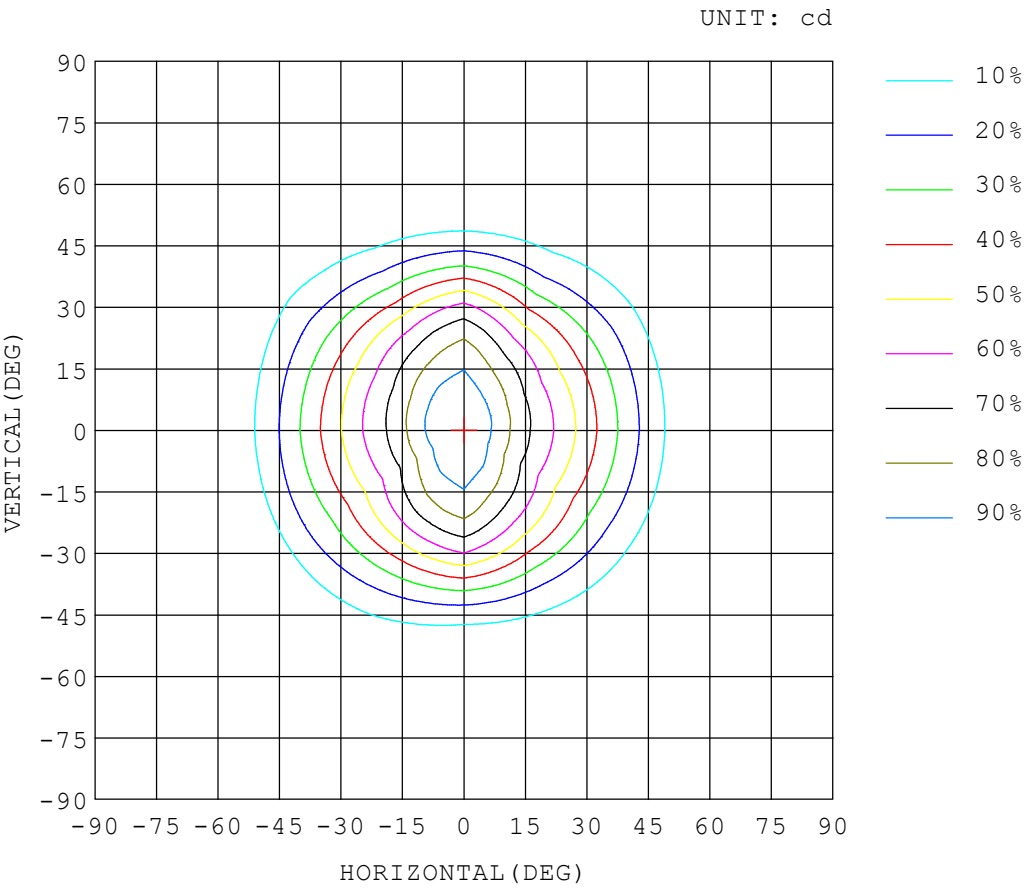
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.600 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*48*77 MM	SERIAL No.:



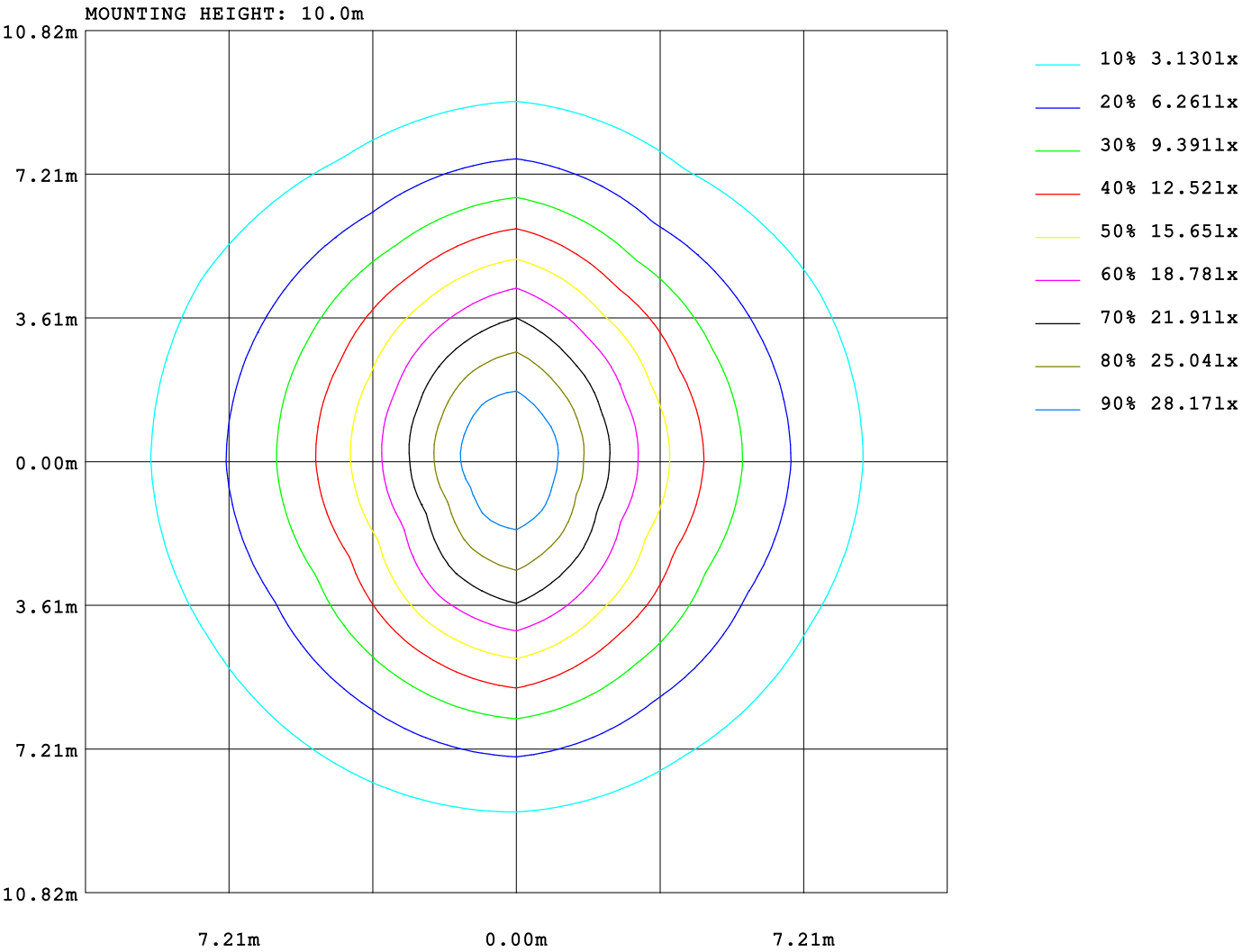
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.600 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*48*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:11.600 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*48*77 MM	SERIAL No.:

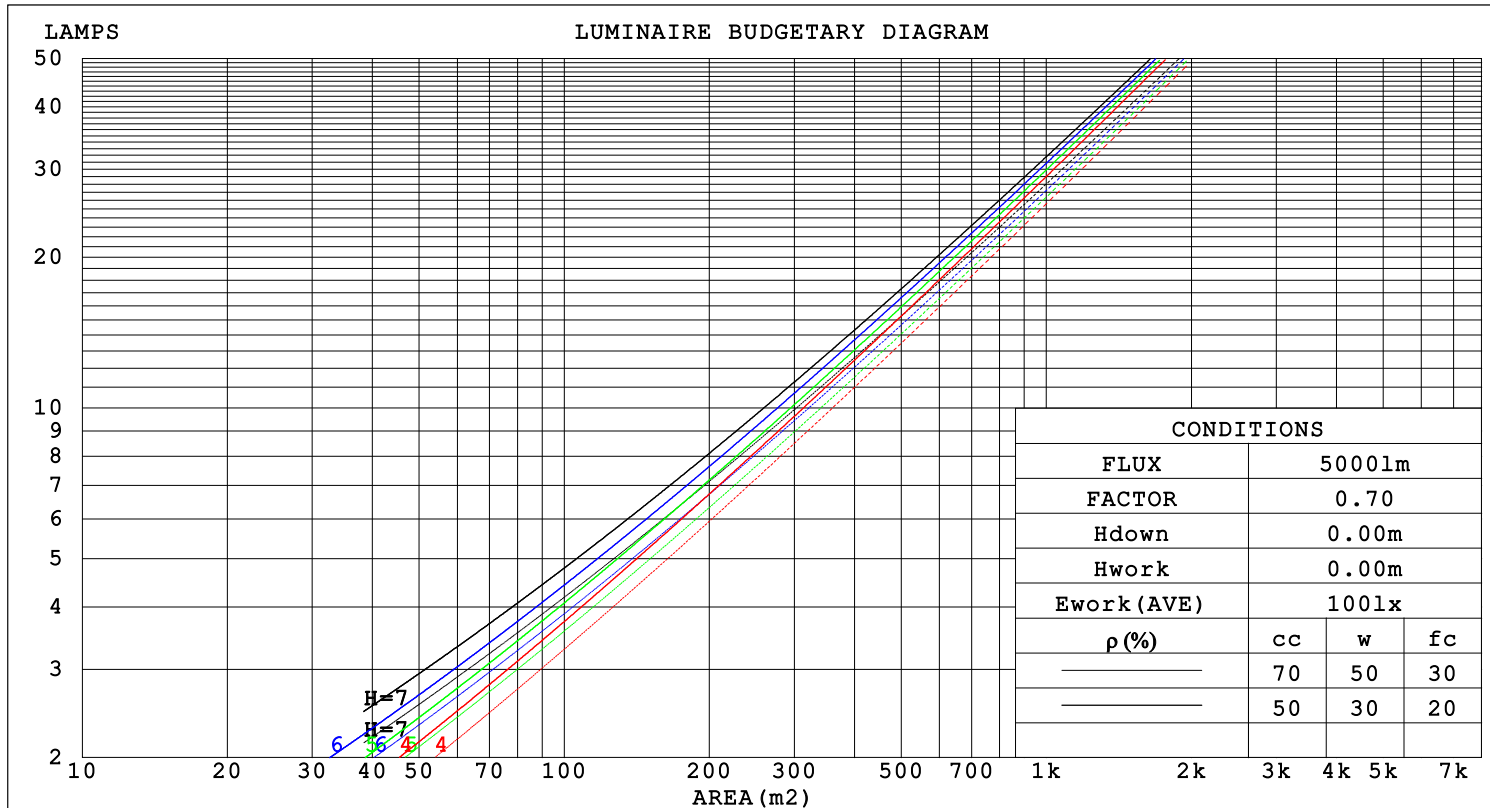
VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.02	0.05	0.09	0.11	0.10	0.08	0.08	0.14	0.20	0.20	0.14	0.08	0.08	0.10	0.11	0.09	0.07	0.03					
90																			1.78	0.00			
80	0.02	0.05	0.10	0.14	0.13	0.10	0.10	0.19	0.28	0.28	0.19	0.10	0.09	0.12	0.13	0.11	0.07	0.03	2.21	0.00			
70	0.02	0.05	0.11	0.18	0.20	0.25	0.41	0.68	0.86	0.83	0.61	0.33	0.20	0.18	0.16	0.12	0.07	0.03	5.28	0.00			
60	0.02	0.05	0.12	0.26	0.60	1.41	2.41	3.48	4.18	4.10	3.27	2.12	1.08	0.42	0.22	0.14	0.08	0.03	24.0	0.00			
50	0.02	0.06	0.14	0.52	1.96	4.46	7.58	11.8	15.8	15.3	10.8	6.63	3.64	1.37	0.37	0.16	0.08	0.03	80.9	51.7			
40	0.02	0.06	0.17	1.11	4.55	10.9	19.8	30.8	41.3	40.0	27.7	17.0	9.00	3.44	0.74	0.19	0.09	0.03	207	194			
30	0.02	0.05	0.22	1.97	8.04	19.7	34.7	51.5	66.1	64.0	46.6	30.5	16.6	6.34	1.38	0.22	0.09	0.03	349	340			
	0.02	0.05	0.28	2.83	11.4	26.7	45.3	64.9	81.0	78.1	59.6	40.4	23.1	9.16	2.08	0.27	0.09	0.03	446	438			
	0.01	0.05	0.31	3.35	13.4	30.6	50.5	71.1	89.6	86.2	65.8	45.9	26.8	10.8	2.50	0.28	0.10	0.03	498	491			
	0.01	0.04	0.29	3.25	13.2	30.0	49.2	69.0	88.5	85.7	64.8	45.2	26.3	10.6	2.42	0.27	0.09	0.03	489	483			
	0.01	0.04	0.23	2.58	10.8	25.1	42.3	62.7	80.4	78.0	58.7	38.7	21.7	8.41	1.87	0.23	0.09	0.03	433	425			
-30	0.01	0.04	0.14	1.63	7.19	18.2	32.8	50.3	64.5	62.7	46.3	29.3	14.9	5.39	1.12	0.17	0.08	0.03	335	326			
-40	0.01	0.04	0.09	0.78	3.66	10.3	19.7	30.2	38.9	37.9	27.3	16.4	7.87	2.68	0.50	0.12	0.07	0.03	197	184			
-50	0.01	0.04	0.06	0.26	1.50	4.23	8.19	11.9	14.1	13.4	10.1	6.59	3.34	1.02	0.18	0.10	0.07	0.03	75.4	46.1			
-60	0.02	0.04	0.06	0.10	0.45	1.45	2.82	3.55	3.59	3.43	3.17	2.38	1.12	0.32	0.09	0.08	0.06	0.03	22.7	0.00			
-70	0.02	0.04	0.05	0.08	0.17	0.39	0.68	0.72	0.56	0.52	0.60	0.55	0.33	0.17	0.09	0.08	0.06	0.03	5.12	0.00			
-80	0.02	0.04	0.06	0.08	0.15	0.24	0.28	0.22	0.14	0.14	0.22	0.28	0.24	0.16	0.10	0.08	0.06	0.03	2.53	0.00			
-90	0.02	0.05	0.07	0.10	0.15	0.22	0.24	0.21	0.16	0.16	0.21	0.25	0.23	0.17	0.12	0.09	0.07	0.03	2.51	0.00			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90			
Φ t	0.29	0.85	2.58	19.3	77.9	185	317	464	591	571	427	283	157	61.0	14.2	2.78	1.39	0.48	3187				
Φ a	0.00	0.00	0.00	0.95	59.5	169	303	450	578	558	412	268	141	40.0	0.00	0.00	0.00	0.00		2981			

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:11.600 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	.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	.57	.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	.53	.50	.58	.53	.49	.57	.53	.49	.48														
10.0	.57	.51	.46	.57	.50	.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:11.600 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*48*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	.111	.035	.189	.108	.034	.176	.101	.032	.165	.095	.031	.154	.089	.029	
2.0	.189	.104	.032	.183	.101	.031	.173	.096	.030	.163	.091	.029	.153	.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	.145	.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	.124	.061	.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:11.600 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*48*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	14.1	15.1	14.3	15.3	15.5	14.3	15.4	14.5	15.5	15.7
	3H	13.9	14.9	14.2	15.1	15.3	14.1	15.1	14.4	15.3	15.5
	4H	13.8	14.7	14.1	15.0	15.2	14.0	15.0	14.3	15.2	15.4
	6H	13.8	14.6	14.1	14.9	15.1	14.0	14.8	14.3	15.1	15.3
	8H	13.7	14.6	14.1	14.8	15.1	13.9	14.7	14.2	15.0	15.3
	12H	13.8	14.5	14.1	14.8	15.1	13.9	14.7	14.2	14.9	15.2
4H	2H	13.8	14.8	14.1	15.0	15.2	14.1	15.0	14.4	15.2	15.4
	3H	13.7	14.5	14.0	14.7	15.0	13.9	14.7	14.2	15.0	15.3
	4H	13.6	14.3	14.0	14.6	14.9	13.8	14.5	14.2	14.8	15.2
	6H	13.6	14.2	13.9	14.5	14.9	13.8	14.4	14.1	14.7	15.1
	8H	13.6	14.1	14.0	14.5	14.9	13.7	14.3	14.1	14.7	15.0
	12H	13.6	14.1	14.0	14.5	14.9	13.7	14.2	14.1	14.6	15.0
8H	4H	13.5	14.1	13.9	14.4	14.8	13.7	14.3	14.1	14.6	15.0
	6H	13.4	13.9	13.9	14.3	14.7	13.6	14.1	14.1	14.5	14.9
	8H	13.4	13.9	13.9	14.3	14.7	13.6	14.0	14.1	14.5	14.9
	12H	13.5	13.9	14.0	14.3	14.8	13.6	14.0	14.1	14.4	14.9
12H	4H	13.4	14.0	13.8	14.3	14.7	13.6	14.2	14.1	14.6	14.9
	6H	13.4	13.8	13.8	14.2	14.7	13.6	14.0	14.1	14.4	14.9
	8H	13.4	13.8	13.9	14.2	14.7	13.6	14.0	14.1	14.4	14.9
Variations with the observer position at spacings:											
S = 1.0H		+ 2.7 / - 8.3					+ 3.1 / - 8.0				
1.5H		+ 3.7 / - 7.8					+ 4.6 / - 4.2				
2.0H		+ 6.5 / - 8.0					+ 5.8 / - 8.3				

CIE Pub.117 Corrected 3187 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

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:11.600 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*48*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	67	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	102	96	93	99	95	92	87
2.00	106	102	98	105	101	97	102	99	96	90
2.50	108	104	101	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	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		

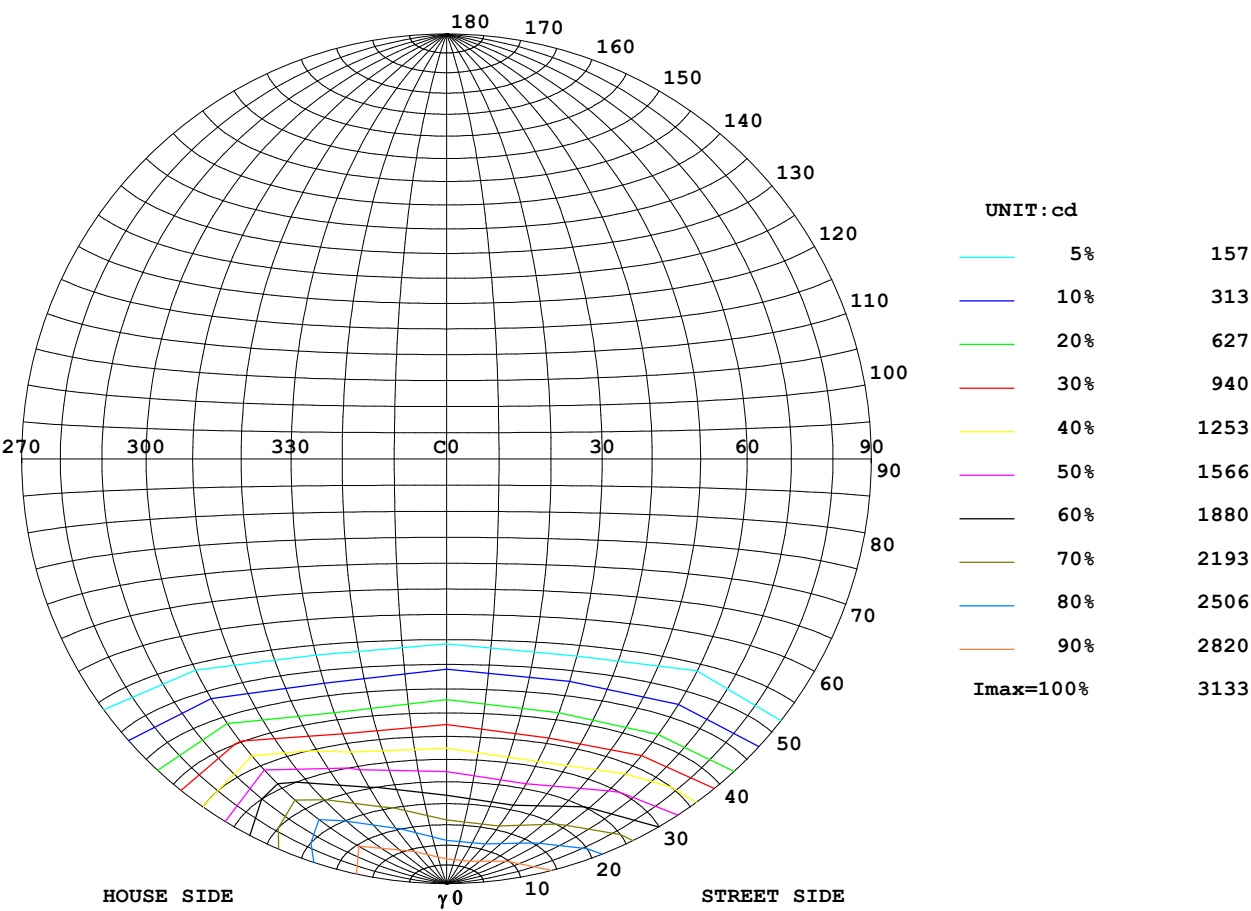
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.600 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*48*77 MM	SERIAL No.:



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

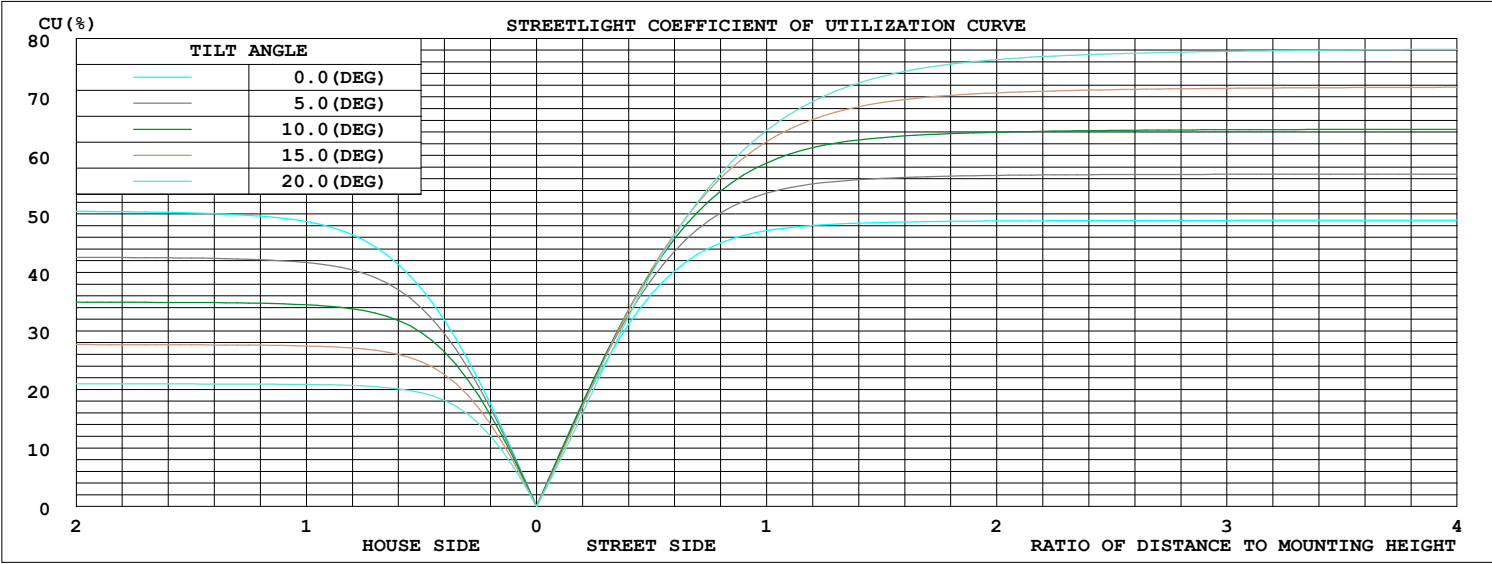
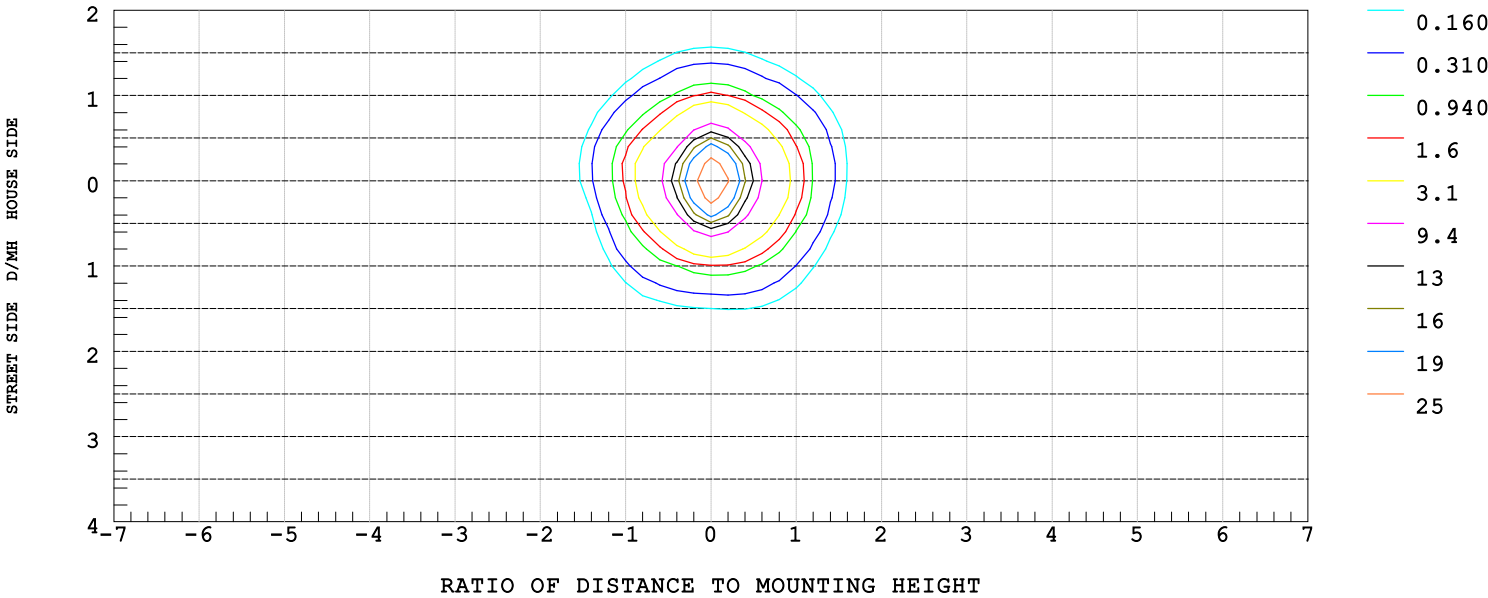
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.600 m
Remarks: 5700K

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*48*77 MM	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 31.31 lx



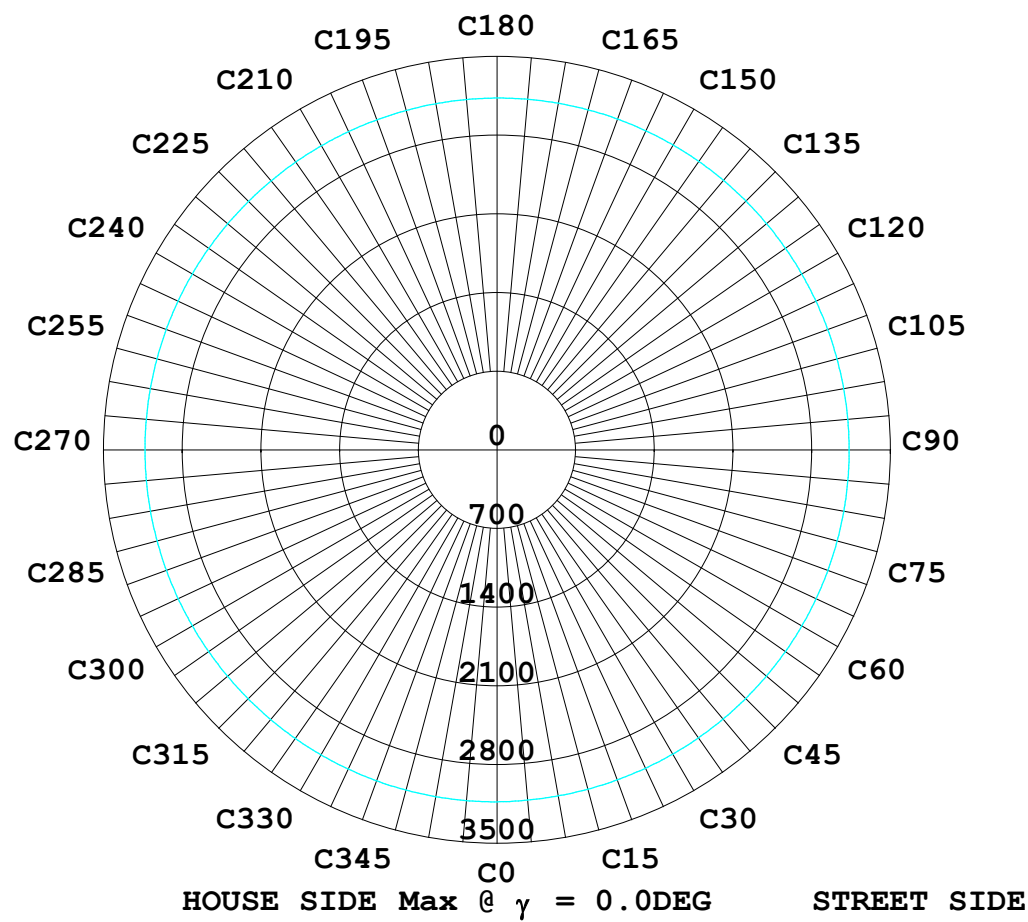
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:05-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.600 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*48*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:11.600 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*48*77 MM	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3131	3125	3131	3132	3131	3133	3131	3125	3131	3132	3131	3133
5.0	2924	2931	3009	3053	3064	3039	3067	3083	3076	3073	3007	2976
10.0	2581	2602	2806	2936	2891	2743	2783	2832	2924	2953	2789	2651
15.0	2254	2250	2539	2802	2665	2387	2428	2510	2689	2809	2529	2317
20.0	1986	1943	2239	2605	2406	2059	2123	2192	2401	2626	2235	2008
25.0	1703	1632	1899	2278	2057	1756	1863	1892	2080	2357	1898	1699
30.0	1403	1321	1515	1874	1655	1452	1557	1580	1690	1977	1506	1401
35.0	1095	1007	1103	1362	1232	1141	1253	1241	1244	1472	1095	1092
40.0	790	708	731	850	837	831	938	919	828	948	717	787
45.0	496	426	393	423	514	586	630	622	472	518	407	509
50.0	268	227	230	189	276	298	349	359	242	232	218	282
55.0	132	104	132	106	154	144	175	190	129	135	118	140
60.0	36.0	32.4	72.1	39.5	85.3	56.9	62.9	86.6	68.4	63.7	59.0	54.3
65.0	17.2	8.07	25.8	6.32	34.8	13.0	9.41	30.9	20.8	19.7	15.3	20.0
70.0	13.8	4.17	13.5	3.36	14.5	4.44	6.05	15.0	3.49	13.1	3.09	12.9
75.0	11.9	4.17	11.3	3.09	11.7	3.90	5.65	11.3	2.55	10.4	2.42	10.3
80.0	10.8	4.44	10.2	3.36	10.2	3.90	5.38	9.28	2.01	8.74	2.15	8.61
85.0	10.6	5.24	9.82	4.03	9.41	4.17	5.38	7.80	2.01	7.66	2.01	7.40
90.0	10.3	6.86	10.0	6.05	9.28	5.51	7.40	6.45	2.55	6.45	2.55	6.05

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:11.600 m
Remarks: 5700K