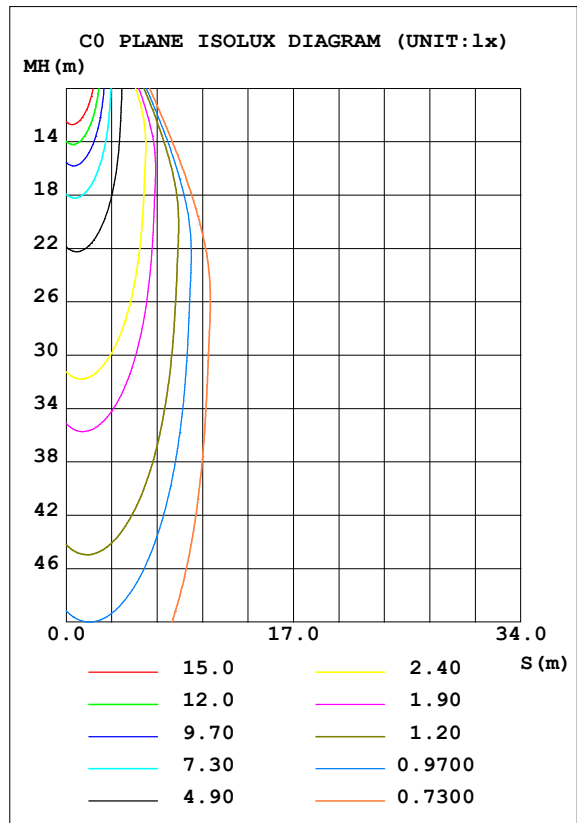
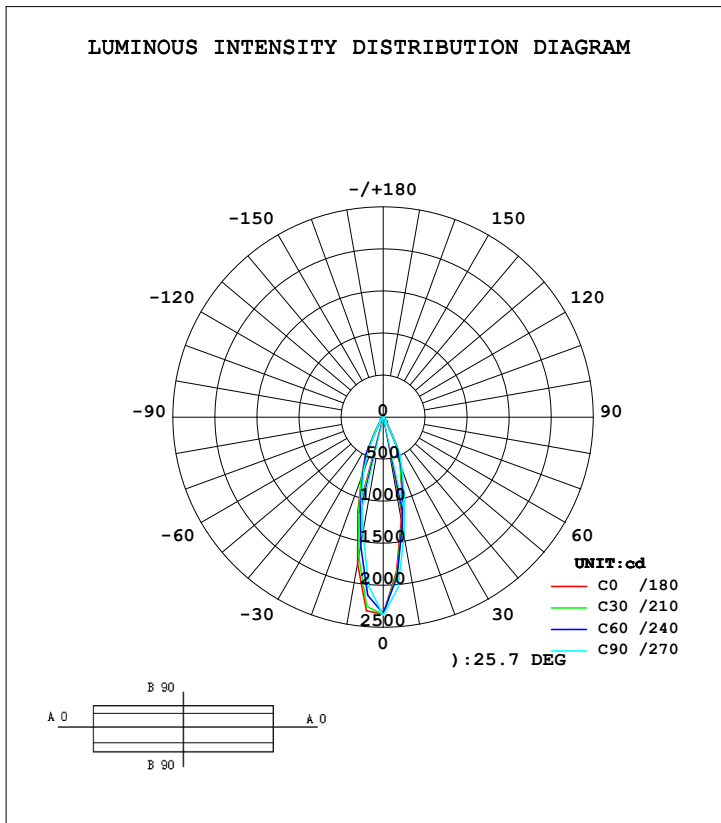


Famco Heli LED Tristar Surface Mounted Downlight

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.4V I:0.0688A P:14.93W PF:0.9027 Lamp Flux:780.7x1 lm		
NAME: Famco FHL602	Type:	WEIGHT:
DIMENSION:	SPECIFICATION:	SERIAL No.:
MANUFACTURER: Famco	SURFACE:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA			
		Imax (cd)	2365	S/MH (C0/180)	0.50
Model:	FHL602	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.41
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	780.73	η UP (C0-180)	0.2
NOMINAL FLUX (lm)	780.73	CIE CLASS	DIRECT	η DN (C0-180)	50.8
LAMPS INSIDE	1	η up (%)	0.4	η UP (C180-360)	0.2
TEST VOLTAGE (V)	240.1	η down (%)	99.6	η DN (C180-360)	48.7

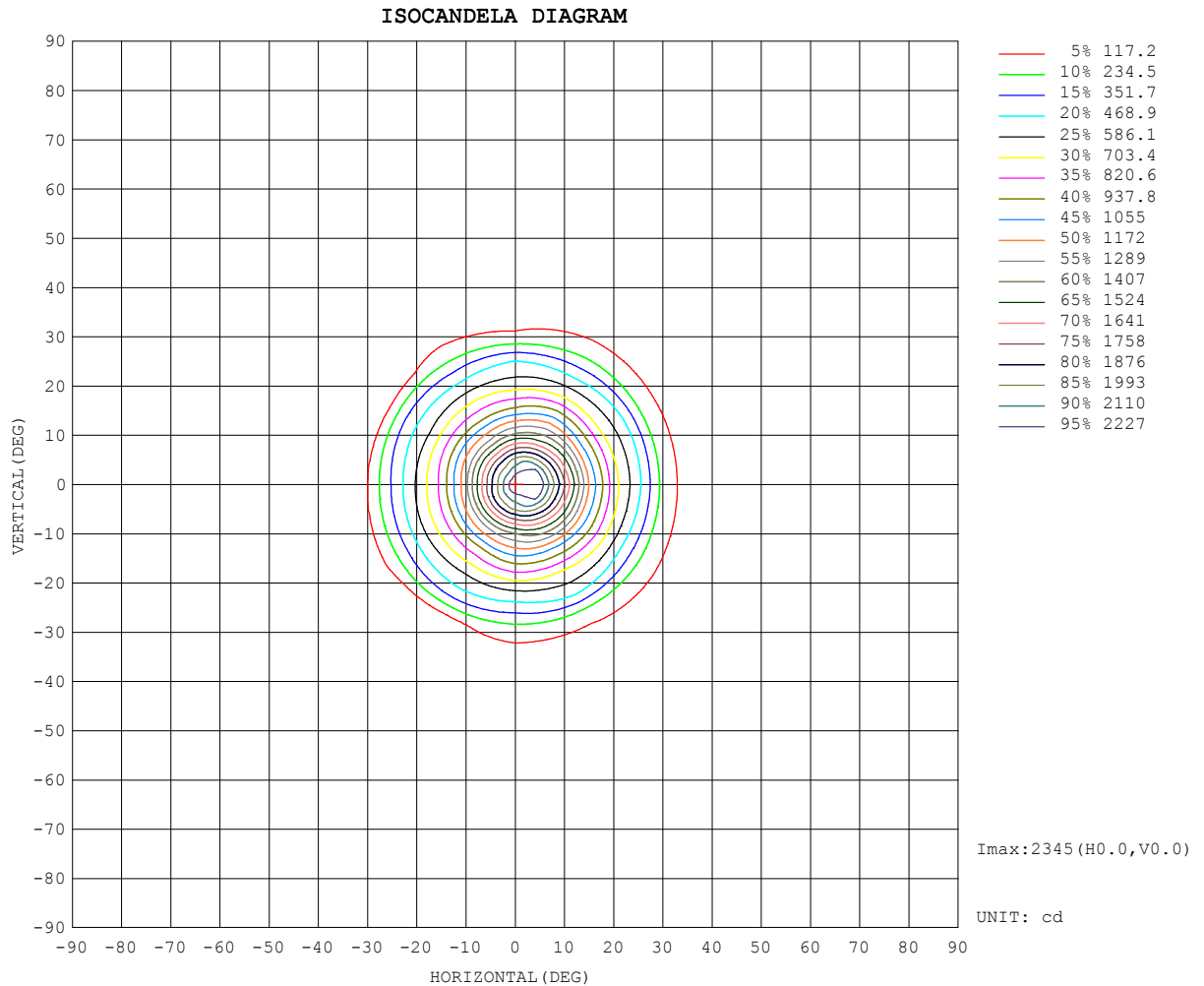


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Chris
Test Date:2014-06-26

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
Test System:EVERFINE GO-2000A SYSTEM V1.0.210
Humidity:65%
Test Distance:8.000m [K=1.0000]
Remarks: Famco FHL611

Famco Heli LED Tristar Surface Mounted Downlight

ISOCANDELA DIAGRAM

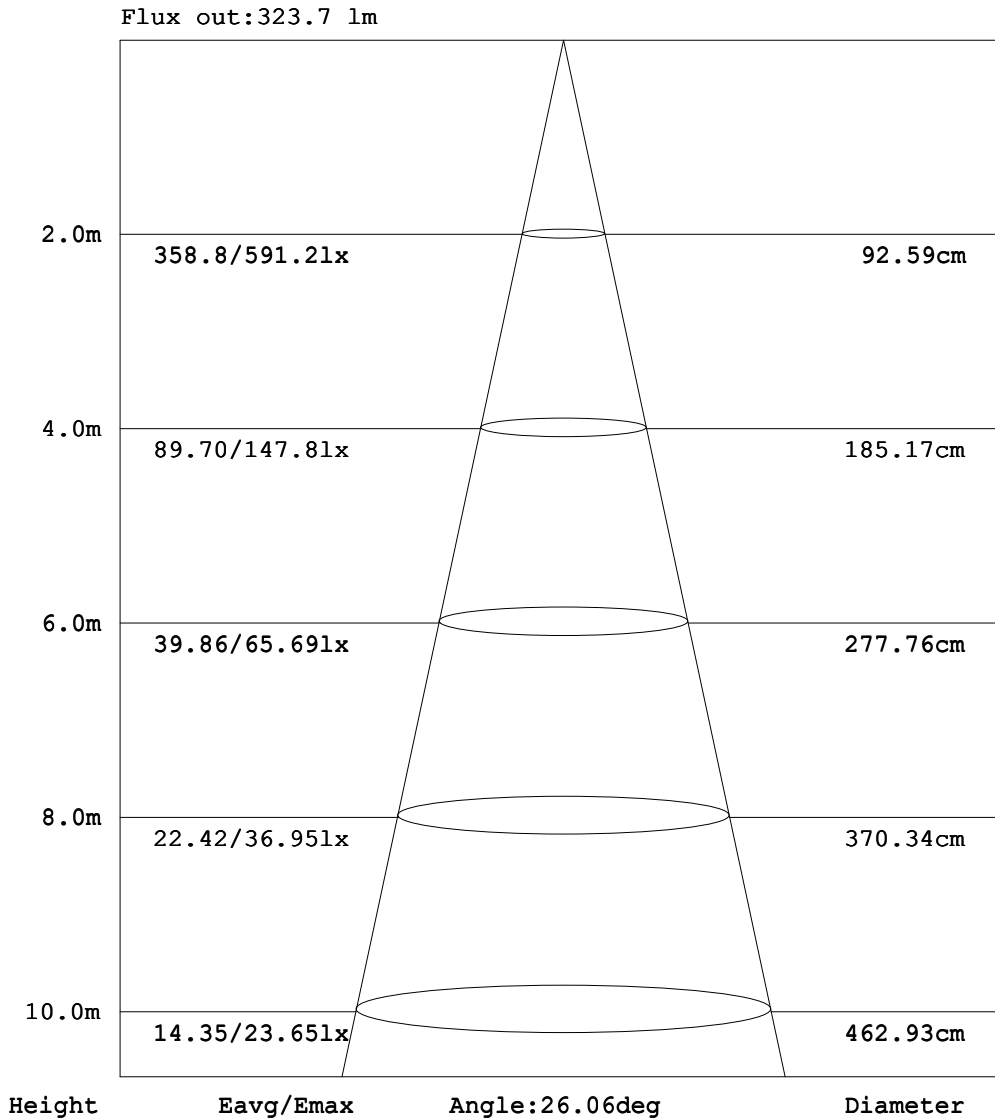


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators: Chris
Test Date: 2014-06-26

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
Test System: EVERFINE GO-2000A SYSTEM V1.0.210
Humidity: 65%
Test Distance: 8.000m [K=1.0000]
Remarks: Famco FHL602

Famco Heli LED Tristar Surface Mounted Downlight

AAI Figure



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: Chris
 Test Date: 2014-06-26

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System: EVERFINE GO-2000A SYSTEM V1.0.210
 Humidity: 65%
 Test Distance: 8.000m [K=1.0000]
 Remarks: Famco FHL602

Famco Heli LED Tristar Surface Mounted Downlight

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	2345	2346	2331	2356	2365	2363	2345	2346	2331	2356	2365	2363						
5	2311	2260	2128	2015	1937	1895	1845	1867	1906	2030	2153	2251						
10	1768	1681	1552	1400	1331	1279	1250	1289	1316	1431	1534	1672						
15	1167	1128	1054	1016	900	869	850	885	905	973	1105	1099						
20	755	763	696	671	613	619	601	593	632	649	712	719						
25	502	460	493	408	424	377	363	397	393	471	444	495						
30	193	198	145	154	98.4	124	116	93.2	140	133	189	181						
35	64.0	68.6	70.8	71.4	65.2	65.9	73.1	75.4	69.1	62.8	63.4	64.9						
40	55.8	57.9	60.2	64.4	56.3	64.3	79.5	82.7	74.6	61.0	54.6	58.0						
45	49.4	49.9	52.0	58.0	48.0	56.0	58.8	56.1	50.8	50.3	49.2	51.1						
50	37.6	35.9	37.2	37.4	26.3	30.8	24.3	22.1	20.3	23.9	29.9	36.5						
55	10.9	12.2	12.9	10.3	11.1	9.54	8.09	8.83	8.07	9.07	7.61	10.5						
60	3.83	4.43	5.77	6.17	6.45	5.84	5.13	5.10	5.06	5.19	4.22	3.93						
65	1.66	2.26	2.73	2.78	2.77	2.65	2.63	2.64	2.62	2.45	2.25	1.69						
70	0.95	1.13	1.44	1.42	1.48	1.38	1.31	1.42	1.28	1.39	1.12	0.99						
75	0.79	0.75	0.74	0.80	0.92	0.79	0.78	0.81	0.80	0.76	0.74	0.70						
80	2.45	1.95	0.83	1.82	1.43	1.85	4.12	1.55	0.75	1.41	1.36	1.21						
85	3.63	3.81	1.10	3.62	1.08	2.02	2.73	1.28	0.74	1.42	1.64	1.67						
90	1.26	0.66	0.25	0.12	0.14	0.69	0.80	0.72	0.09	0.70	0.64	0.73						
95	0.67	0.73	0.66	0.68	0.60	0.85	1.04	0.76	0.60	0.66	1.00	0.70						
100	0.85	1.17	0.78	0.68	0.66	1.06	1.10	0.75	0.73	0.83	1.26	0.79						
105	1.47	1.66	1.56	0.78	0.95	1.42	1.49	1.18	0.75	0.99	0.74	1.05						
110	0.91	1.35	0.97	0.94	1.15	1.44	1.55	1.16	0.90	1.19	0.87	1.08						
115	1.29	1.52	1.30	1.46	1.22	1.69	1.65	1.45	1.44	1.67	1.14	1.47						
120	1.64	1.74	1.57	1.84	1.54	1.79	1.90	1.65	1.83	1.99	1.47	1.72						
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

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