

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	

PRODUCT DESCRIPTION

The clean and elegant design of FS series 595x1195mm led flat panel light provides a modern alternative to traditional 595x1195mm fluorescent troffer, reaching up to 110lm/w. The unique internal driver and only 27mm thickness allow you the ability to install the LED light just about anywhere, especially for the small and confined space, including recessed, suspended surface mounted installations methods. It is available for 0-10v dimming and step dimming with maximum 7 years warranty.

PERFORMANCE SUMMARY

Efficacy: 110LPW

Delivered Light Output: 5619 Lumens (3500K)

Input Power: **50Watts**

CRI: Ra>80

CCT Options: 3000k, 3500k, 4000k, 5000k

Input Voltage: 100-240 VAC

Input current: 0.20-0.50A

THD: <20% (at 240V)

Standard Warranty: **Maximum 7 Years**

Installation Options: Recessed, Suspending, Surface mounted

Sign Current: 0.93 MA

0-10V dimming and step dimming available

Recommended Dimmers: DIVA-DVTV, NOVA T NTSTV-DV, IP710-DL

Dimensions: L 595mm x W 1195mm x H 27mm

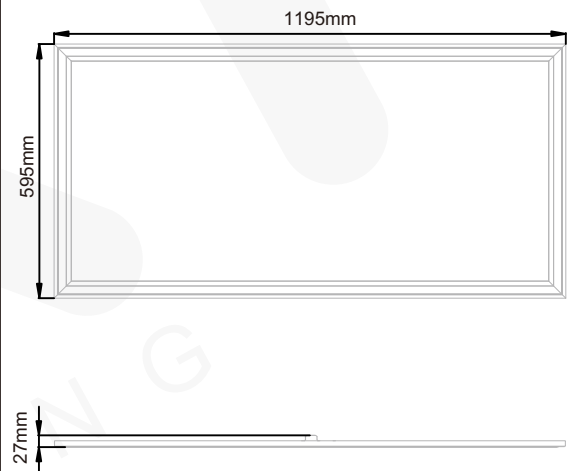
Fixture measurement and weight are round up, pls contact your representative for exact data.

REGULATORY & VOLUNTARY QUALIFICATIONS

TUV-GS	Yes
RoHS	Yes
CB	Yes

FS24E-DH-XXE

Thinnest Surface Mounted Panels

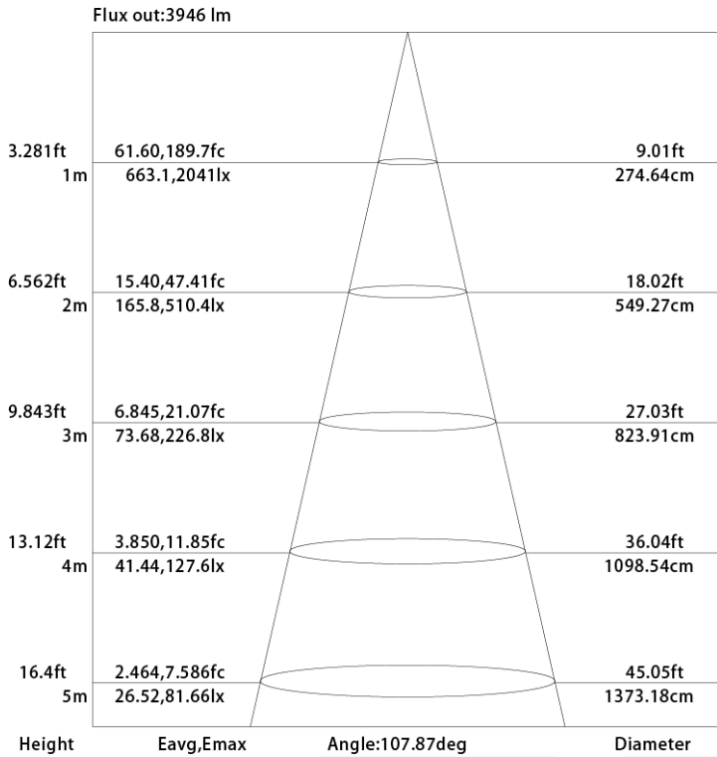


ORDER INFORMATION

EXAMPLE: FS24E-DH-35E

Product category	Size	Dimming	Fixture wattage	CCT(XX)	CRI(E)
FS	24E=595x1195mm	D=Dimming	M=40W H=50W	30=3000k 35=3500k 40=4000k 50=5000k	E=80 CRI

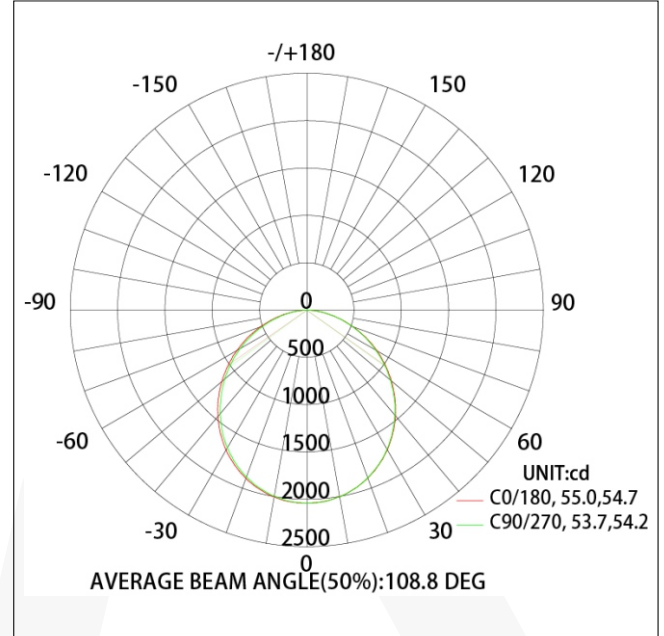
AVERAGE ILLUMINANCE CURVE



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

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

NAME: FS24E-DH-35E



ZONAL FLUX DIAGRAM

T	C0	C45	C90	C135	C180	C225	C270	C315
10	2000	2001	2001	2003	2003	1999	1996	1997
20	1887	1886	1884	1889	1892	1880	1875	1879
30	1702	1700	1696	1704	1709	1692	1682	1690
40	1457	1453	1446	1460	1465	1444	1429	1443
50	1168	1161	1153	1169	1176	1150	1134	1150
60	849.5	843.3	836.6	850.2	857.2	832.1	816.4	832.2
70	520.4	517.6	514.1	524.5	528.5	507.7	494.9	507.0
80	209.7	214.7	216.5	220.9	221.1	208.3	201.8	204.7
90	0.0276	0.1180	0.4739	0.2054	0	0	0.2077	0

DEG LUMINOUS INTENSITY:cd

ZONAL LUMEN SUMMARY

T	φ zone	φ total	%lum, lamp
0-10	192.8	192.8	3.44,3.44
10-20	550.5	743.3	13.3,13.3
20-30	828.5	1572	28,28
30-40	987.7	2560	45.6,45.6
40-50	1008	3568	63.6,63.6
50-60	894.5	4463	79.5,79.5
60-70	669.5	5132	91.5,91.5
70-80	379.1	5511	98.2,98.2
80-90	98.50	5610	100,100

UNIT: lm

COEFFICIENTS OF UTILIZATION

ppc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc																0
RCR	RCR:Room Cavity Ratio						(CU)									
0.0	119	119	119	116	116	111	111	111	106	106	106	102	102	102	100	
1.0	104	00	96	102	98	94	98	94	91	94	94	89	90	88	84	
2.0	91	84	78	89	83	77	85	80	76	82	82	74	79	75	70	
3.0	80	72	65	78	71	65	75	69	63	72	72	62	70	65	59	
4.0	71	62	55	69	61	55	67	60	54	65	65	53	62	57	50	
5.0	63	54	48	62	54	47	60	53	47	58	58	46	56	50	44	
6.0	57	48	42	56	48	41	54	47	41	52	52	41	51	45	38	
7.0	52	43	37	51	43	37	49	42	36	48	48	36	46	40	34	
8.0	47	39	33	46	38	33	45	38	33	44	44	32	43	37	30	
9.0	43	35	30	43	35	29	42	34	29	40	40	29	39	33	27	
10.0	40	32	27	39	32	27	38	31	27	38	38	26	37	31	25	