



Lightweight | Creative LED solutions

September 1 2009

	F-5	F-7U Ultralight	F-7	F-10	F-11 Ultralight	F-15	F-20	F-25	F-30	F-40
Pixel pitch (mm)	5,2085	7,5	7,8125	10,417	11,25	15,625	20	25	30	40
Brightness (Nit or cd/m ²)	3.000	3800	4.000	5.000	5500	6.000	4.500	4.000	2000	5000
Transparency	No	No	No	10%	10% or No	13%	20%	55%	50%	46%
LED type	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD	3in1 SMD
LED brand	Black Nichia	Black Nichia	Black Nichia	Black Nichia	Nichia	Nichia	SDK	Cree	SDK	SDK
Led/pixel	1	1	1	1	1	1	1	1	1	4
Calibration system	Radiant	Radiant	Radiant	Radiant	Radiant	-	-	-	-	-
Module size (cm) WxHxD	50x50x8,5	45x45x6	50x50x8,5	50x50x8,5	45x45x6	100x50x16,1	64x64x13	80x80x8,6	96x96x13	64x64x13
Module size (ft) WxHxD	1.64x1.64x0.28	1.48x1.48x0.2	1.64x1.64x0.28	1.64x1.64x0.28	1.48x1.48x0.2	3.28x1.64x0.53	2.1x2.1x0.43	2.62x2.62x0.28	3.15x3.15x0.43	2.1x2.1x0.43
Module area	0,25m ² /2.69ft ²	0,2m ² /2.15ft ²	0,25m ² /2.69ft ²	0,25m ² /2.69ft ²	0,2m ² /2.15ft ²	0,5m ² /5.38ft ²	0,4m ² /4.3ft ²	0,64m ² /6.89ft ²	0,92m ² /9.9ft ²	0,4m ² /4.3ft ²
Pixels/module	96x96	60x60	64x64	48x48	40x40	64x32	32x32	32x32	32x32	16x16
Pixel density/m ²	36.864	17.777	16.384	9.214	7.901	4.096	2.500	1.600	1.111	625
Viewing Horizontal	>140°	>160°	>145°	>145°	>160°	>145°	>120	>140	>120°	>120°
Viewing Vertical	>140°	>160°	>145°	>145°	>160°	>145°	>120	>140	>120°	>120°
Weight/tile	7,3kg/16.1Lbs	4kg/8.8Lbs	7,3kg/16.1Lbs	7kg/15.43Lbs	3kg/6.61Lbs	15kg/33Lbs	7kg/15.43Lbs	10,2kg/22.48Lbs	10,85kg/23.92Lbs	7,7kg/16.97Lbs
Weight/m ²	29,2kg/64.37Lbs	20kg/44.09Lbs	29,2kg/64.37Lbs	28kg/61.73Lbs	15kg/33.07Lbs	30kg/66.14Lbs	17,5kg/38.58Lbs	15,9kg/35.05Lbs	11,8kg/26.01Lbs	18,75kg/41.34Lbs
IP Front	IP54	IP65	IP66	IP66	IP65	IP66	IP65	IP65	IP65	IP65
IP Back	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP65	IP54	IP54
Humidity proof	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Colors	4,4 Trillion	4.4 Trillion	4,4 Trillion	4,4 Trillion	4,4 Trillion	4,4 Trillion	68 Billion	4,4 Trillion	68 Billion	68 Billion
Processing	1,280 x 1,024	1600 x 1200	1,280 x 1,024	1,280 x 1,024	1600 x 1200	1,280 x 1,024	1280 x 1024	1280x1024	1280 x 1024	1280 x 1024
Input frequency	50/60Hz	60Hz	50/60Hz	50/60Hz	60Hz	50/60Hz	60Hz	50/60Hz	60Hz	60Hz
Refresh Rate	450/480Hz	300Hz	450/480Hz	450/480Hz	360Hz	450/480Hz	1000Hz	1000Hz	1000Hz	1000Hz
Data interconnect	Cat 5	BNC	Cat 5	Cat 5	BNC	Cat 5	BNC	Cat 5	BNC	BNC
Processor	PE-10	PB-270	PE-10	PE-10	PB-100	PE-10	PK-V3	PA-BS	PK-V3	PK-V3
Max power/tile	TBD	500	450	280	485	350	375	300	300	230
Max power/m ²	TBD	2500	1.800	1120	2425	700	940	475	330	575
Certificats	CE/ETL/TUV	CE/UL	CE/ETL/TUV	CE/ETL/TUV	CE/UL	CE/ETL/TUV	CE / ETL	CE/ETL	CE / ETL	CE/ETL
Temperature	-10to 60°C/14to140°F	0to40°C/32to104°F	-30to60°C/-22to140°F	-30to60°C/-22to140°F	0to40°C/32to104°F	-30to60°C/-22to140°F	-20to50°C/-4to122°F	-20to45°C/-4to113°F	-20to50°C/-4to122°F	-20to50°C/-4to122°F