The Power of Illumination

Nuance 6 Specialty Line
for 18W 4 pins Double and Triple Tube CFL
Maximum Intensity and Hi-Low Step Dimming

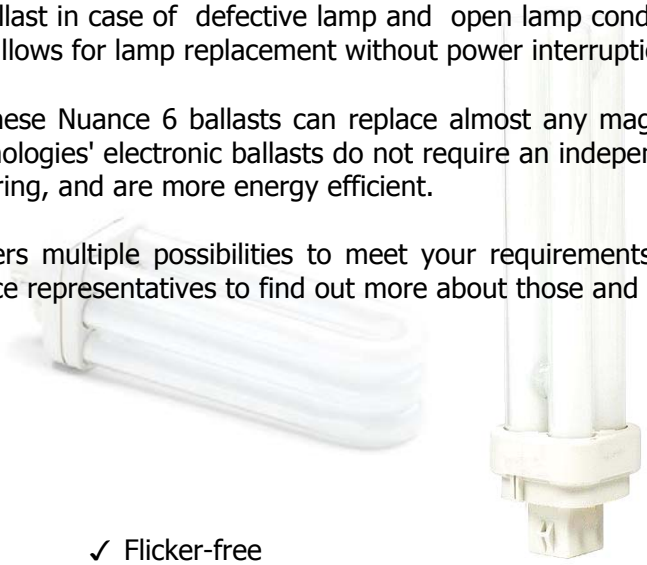
NU6-1118-PSX-HL

The NU6-1118 are members of the Nuance 6 Specialty Line of electronic ballasts specially engineered to supply power requirements to 18W double and triple tube compact fluorescent lamps. The NU6-1118 line allows lighting output flexibility by offering choice between Hi-Low step dimming or maximum intensity models.

The NU6-1118 are instant start electronic ballasts designed to operate one 18W CFL lamp in 120V applications with noiseless and flicker-free operation. They feature end-of-lamp-life auto reset protection to protect the ballast in case of defective lamp and open lamp condition. This feature, allows for lamp replacement without power interruption.

Encapsulated in a match box size plastic casing, these Nuance 6 ballasts can replace almost any magnetic ballast installed in your lighting fixtures. B+L Technologies' electronic ballasts do not require an independent starter eliminating lamp ignition problems and flickering, and are more energy efficient.

B+L Technologies' Nuance 6 electronic ballast offers multiple possibilities to meet your requirements and please your customers. Contact our customer service representatives to find out more about those and other lighting products.



General Specifications

- ✓ Very small match box size plastic casing
- ✓ For one 18W double or triple tube 4 pins CFL
- ✓ Input 120VAC 50/60Hz
- ✓ Instant start
- ✓ Choice of maximum intensity or Hi-Low step dimming models
- ✓ Noiseless operation
- ✓ End-of-lamp-life auto reset protection
- ✓ Lamp will operate at nominal output (100%)
- ✓ Protection against defective or no lamp
- ✓ Open cathode voltage: 415V
- ✓ Flicker-free
- ✓ Remote mounting: 4.6m (15ft)
- ✓ Maximum ambient operating temperature: 40°C
- ✓ Maximum casing temperature: 70°C (•tc)
- ✓ Minimum starting temperature: -10°C
- ✓ Energy efficiency over magnetic ballast
- ✓ Can be relamped without power interruption
- ✓ Choice of casing format
- ✓ Replaces magnetic ballasts
- ✓ Light weight
- ✓ Certifications: UL or UR, and CSA

1-800-361-1400

B+L TECHNOLOGIES

Ordering Information

Maximum Intensity - 120VAC

Model	Nb Lamp	Lamp	Wattage	Input Current (A)	Output Current (%)	Input Watts	Crest Factor	c UL us LISTED		CSA	Casing Format
NU6-1118-PSX	1	CFQ18W/G24q CFM18W/GX24q	18W	0.28	100	20.0	1.53	√		√	X
NU6-1118-NT				0.28	100	20.0	1.53		√	√	NT

∗ UL (Class P) outdoor Type 1

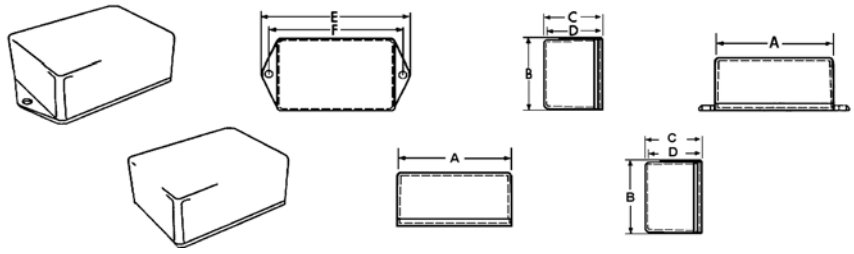
Hi-Low Step Dimming - 120VAC

Model	Nb Lamp	Lamp	Wattage	Input Current (A)	Output Current (%)	Input Watts	Crest Factor	c UL us LISTED		CSA	Casing Format
NU6-1118-PSX-HL	1	CFQ18W/G24q CFM18W/GX24q	18W	Low: 0.20	Low: 50	14.2	1.40		√	√	X
				Hi: 0.28	Hi: 100	20.0	1.53				
NU6-1118-NT-HL				Low: 0.20	Low: 50	14.2	1.40		√	√	NT
				Hi: 0.28	Hi: 100	20.0	1.53				

Dimensions

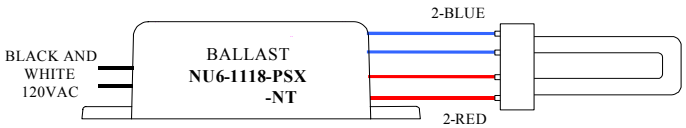
Format X, white plastic

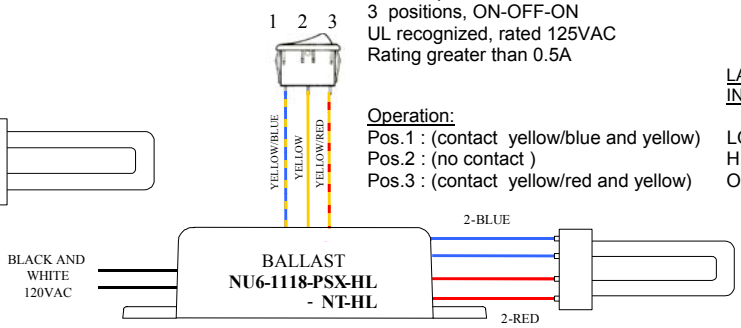
Format NT, white plastic



Format	A	B	C	D	E	F
X	2.00"	1.50"	1.00"	0.93"	2.88"	2.50"
NT	2.00"	1.50"	1.00"	0.93"	-------	-------

Cabling Diagrams





Switch specifications:
3 positions, ON-OFF-ON
UL recognized, rated 125VAC
Rating greater than 0.5A

Operation:

	LAMP INTENSITY
Pos.1 : (contact yellow/blue and yellow)	LOW
Pos.2 : (no contact)	HI
Pos.3 : (contact yellow/red and yellow)	OFF

Assembly notes :

-Ballast Wire: 7 colors, 18 AWG solid copper conductor
-This ballast is for on/off and 2 intensity switching
-All connections must be done inside a junction box or fixture.
-Unused wires must terminated with wire nuts or equivalent.
-Use only UL recognized switch with appropriate rating.
-Switch can be remote from the ballast and mounted in appropriate junction box.
Maximum distance of remote switching is 2' from the ballast.
-Use class 1 wiring method for remote applications .

Warranty

3 years from delivery date for:
Nuance 6 Specialty Line

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