

LED T8 Batten Integrated

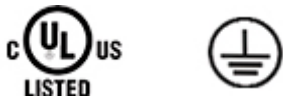
18W/18Wx2

Features

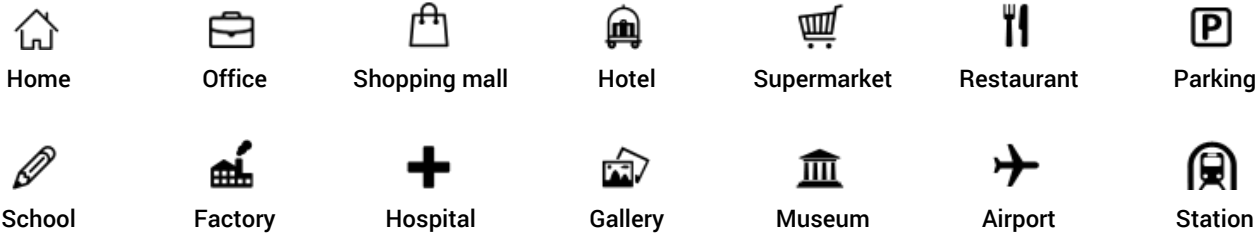
- Widely applied in factories, offices, banks, shopping centers, subways, schools and other place with high brightness and energy saving benefits
- For higher lumen applications, the LED tube can be replaced by 20W or 22W



Standards



Applications



Technical Data	
Electrical	
Rated Wattage [W]	18W / 18Wx2
Rated Voltage [V/Hz]	110-130Vac, 50/60Hz
Power Factor @120V	0.9

Input Current [mA] @120V	167 / 333
LED	SMD
Model	
NL111E-18W/8XX	18W
NL112E-18Wx2/8XX	18Wx2
Luminous Flux [lm]	
18W	1400lm @3000K
	1450lm @4000K
	1500lm @5000K
	1550lm @6500K
18Wx2	2750lm @3000K
	2800lm @4000K
	2850lm @5000K
	2900lm @6500K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	2.17 / 4.34
Luminous Efficacy [lm/W]	76-86
Color Rendering Index [Ra]	≥80
Color Maintenance [hr]	>6000
Life [Yrs] (based on 3hrs/day)	46
Lumen Maintenance at 6000hrs	>0.8
Rapid Cycle Stress	>15,000 cycles
Start Time [sec]	<0.5
LED Failure	<5%
Mechanical	
Diameter D [in]	Φ2.28 / Φ1.38
Length L [in]	47.2
Width W [in]	3.54 / 5.9
Material	Sheet steel, white powder coated
Standard Compliance	
ANSI	UL8750, UL1993, UL1598, C82.77-2002, C78.377-2008
Mercury Content [mg]	0.0
Other	
Dimmable [Y/N]	N
Operation Temperature	-20°C ~ 50°C
Storage Temperature	-10°C ~ 30°C