

LED Batten NL181A-184A

12W/24W/36W

Features

- Widely applied for cabinets, warehouses, industrial space, workshop and garages
- Ideal for residential and commercial use
- Made of powder coating iron and PC cover
- Perfect for surface mounting on ceiling or wall installation



Standards



Applications



Home



Office



Shopping mall



Hotel



Supermarket



Restaurant



Parking



School



Warehouse



Factory



Hospital



Gallery



Museum



Airport



Station

Technical Data

Prosperity Lamps & Components Ltd.

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Electrical	
Rated Wattage [W]	12W / 24W / 36W
Rated Voltage [V/Hz]	110-130Vac, 50/60Hz
Power Factor @120V	0.9
Input Current [mA] @120V	111 / 222 / 333
LED	SMD
Model	
NL181A-12W/840	12W
NL182A-24W/840	24W
NL183A-36W/840	36W
NL184A-24W/840	24W
Luminous Flux [lm]	
12W	800lm @4000K
24W	1600lm @4000K
36W	2400lm @4000K
24W	2100lm @4000K
Performance	
SDCM	<6
Estimated Yearly Energy Cost [\$USD]	1.45 / 2.89 / 4.34
Luminous Efficacy [lm/W]	67-88
Color Rendering Index [Ra]	≥85
Color Maintenance [hr]	>6000
Luminous Intensity Distribution [°]	120
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	
Length L [in]	12.13 / 22.76 / 46.3 / 46.5
Width W [in]	1.57 / 1.57 / 1.57 / 1.5
Height H [in]	1.73 / 1.73 / 1.73 / 1.87
Material	Steel and PC
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