Tunable LED tube

Date: ---------- Location: ----------

Product: ---------- Project: ----------

Quantity: ---------- Catalog# ----------



FEATURES

- Compatible with most instant- and programmed-start electronic T8 ballasts
- Bypass ballast runs on 120-277V line voltage
- Single- or double-ended wiring
- CCT & wattage tunable switchable
- 50,000+ hour lifetime
- Suitable for dry and damp indoor locations
- Operating temperature -4°F to +113°F
- ETL Listed

SUITABLE APPLICATIONS

- Office Lighting
- Meeting room lighting
- Store lighting
- Restaurant lighting

CONSTRUCTION:

Alluminum housing,high lumen out Led Chip

ELECTRICAL:

Available as 120-277V input. -4°F to +113°F

OPTICAL SYSTEM:

High transmission PC lense,120°beam angle

INSTALLATION&MOUNTING:

Bypass ballast with Single- or double-ended wiring

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

Model NO	TunableWattage	Voltage/Current Input		Size(G13)	Light Efficiency	CCT
		120V(A)	277V(A)			
LS-SMDT8-16WABF50K	16W	0.13	0.06	4' LED T8 Tubes	130-140LM/W	50K
LS-SMDT8-16WABC50K	16W	0.13	0.06	4' LED T8 Tubes	130-140LM/W	50K

Electric Characteristic

PRODUCT ORDERING GUIDE

LS-SMDT8-16WABF50K
1 2 3 4 5 6

LS - SMDT8 - 16W AB F 50K

☑ LS Factory code

☑ SMDT8 SMD T8 tubes ☑ 50K 5000K

☑ 16W Powe 16W ☑ AB TYPE A + B

☑ F Frosted cover C Clear cover

OPTIONAL ACCESSORIES

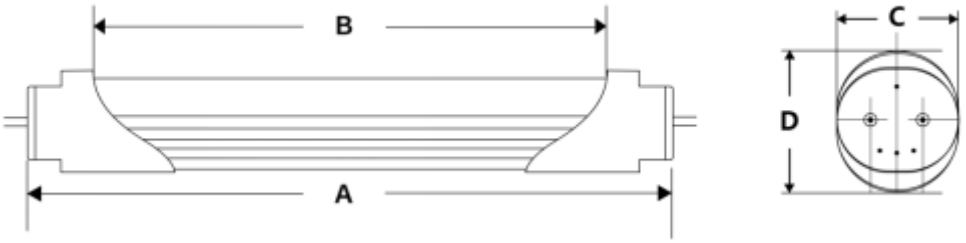


Emergency Battery Backup.Style
LSED20W

Electric Characteristic

Specification/Model	LS-SMDT8-16WABF50K	LS-SMDT8-16WABC50K
LED Driver	UL Driver	
Input power	16W	16W
Lumens output	2080LM	2245LM
Efficiency	130LM/W	140LM/W
CRI	＞80	＞80
Color Temperature	50K	50K
Input voltage	120-277V/AC	120-277V/AC
Light distribution type	120D	120D
Working temperature	-4°F to +113°F	-4°F to +113°F
Junction temperature	＜75℃	＜75℃
lamps efficiency	⩾90%	⩾90%
Certificate	ETL cETL DLC	ETL cETL DLC
Equivalent	24-60W MH/HPS	24-60W MH/HPS

DIMENSION



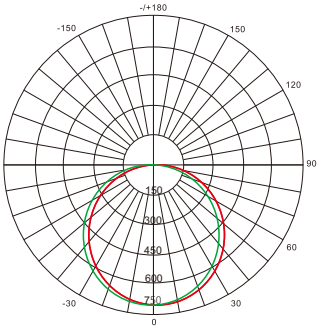
A (Body Length)	47.17'
B (Illuminated Length)	45.47''
C (Width)	1.32''
D (Height)	1.15''

Tunable LED tube

LIGHTING

DISTRIBUTION DIAGRAM

LS-SMDT8-16WABF50K

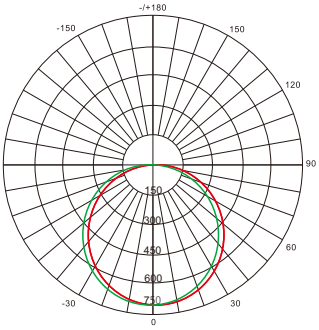


AVERAGE BEAM ANGLE(50%): 120°

Lumens:2080LM
Test Number:16W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

LS-SMDT8-16WABC50K



AVERAGE BEAM ANGLE(50%): 120°

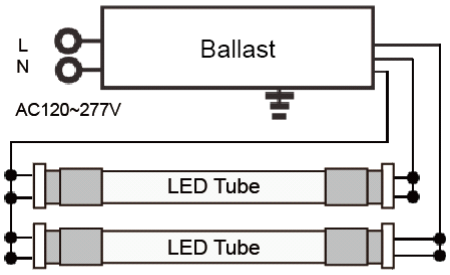
Lumens:2240LM
Test Number:16W
Test Number:5000K

UNIT:CD
C0/180,110.9
C30/210,110.5
C60/240,109.3.
C90/270,109.1

INSTALLATION INSTRUCTIONS

DIRCT REPLACEMENT (WITH EXISTING BALLAST)

PLUG & PLAY

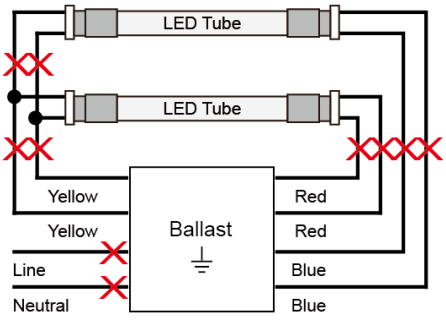


* Warning: Check Ballast Compatibility List before installation

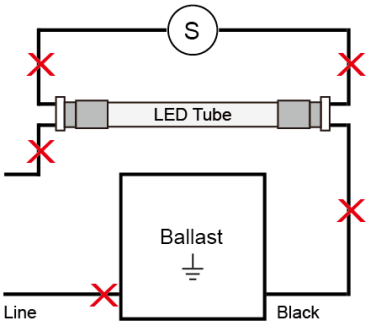
1. Turn power off.
2. Remove lens or diffuser, if applicable.
3. Remove existing fluorescent lamp(s) from the luminaire.
4. Install the LED replacement lamp(s), one lamp for each fluorescent lamp removed*
5. Replace lens or diffuser back in place, if applicable.
6. Turn power back on.

BY-PASS REPLACEMENT (WITHOUT BALLAST)

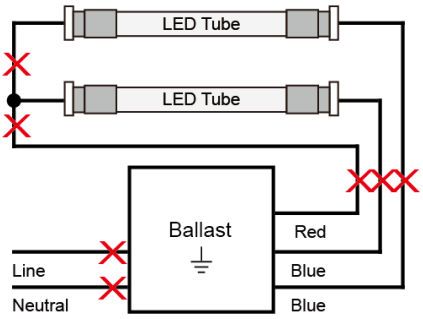
1. Disconnect power from fixture.
2. Remove fluorescent lamps.
3. Remove lens and wiring compartment, if applicable.



PROGRAM START



PREHEAT WITH STARTER



INSTANT START

4. Cut all wires connected to ballast (see Figure A: Typical Ballast Configurations).

