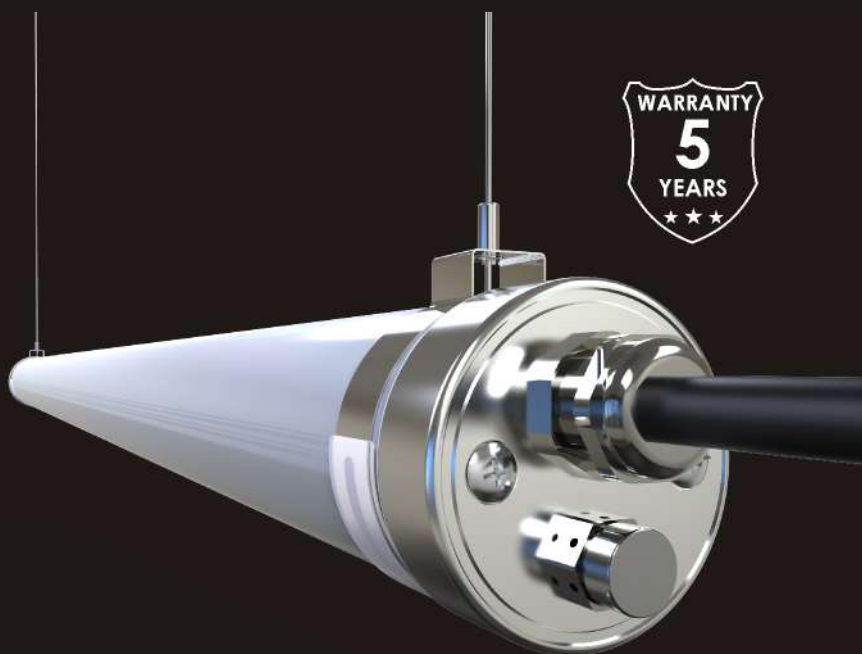


Project:	
Type:	
Catalog #:	



UES SERIES

2 0 2 1



WWW.FMELIGHTING.COM

INFO@FMELIGHTING.COM

Features

- IP69K Waterproof, IK10 Protection, 94V0 materials
- NSF/ANSI2 FOOD ZONE RATED
 - Patent cylinder design, PC/PMMA housing & Aluminum board &
- Stainless steel caps and clips
- Linkable, S316 components
- UL Class P certified flicker free driver
- High Efficacy, 120~160 lumens per watt (+/-5%)
- With Aluminum Rebreather
- L80B10 lifespan of 50,000 Hours (@ Ta = 25°C)
- PC material – UV Resistance
- PMMA material – Corrosion Resistance



Data Sheet

	Article Number	Power (W)	Lumen	Working Current
PC & PMMA	UES-2'-20-XX *	20	2400~3200lm	450mA
	UES-4'-36-XX *	36	4300~5760lm	850mA
	UES-5'-45-XX *	45	5400~7200lm	1100mA
PC	UES-L-2'-XX *	30	3600~4800lm	700mA
	UES-L-4'-XX *	40	6000~8000lm	1200mA
	UES-L-5'-XX *	50	6000~8000lm	1200mA
	UES-L-6'-XX *	60	7200~9600lm	1400mA

* Where the first "X" represents diffuser type, it can be F(Frosted), T(Transparent) The second "X" represents CCT, it can be W(3000K/4000K), P(5000K), C(6000K)

-EM FOR EMERGENCY BACKUP, -D DIMMING

-P 150-160LPW, CONNECTION OPTIONS -B OR -C

Efficacy Version

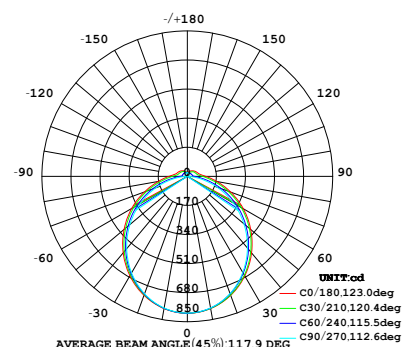
Cover	Standard	Premium
Frosted	120~130lm/w	140~150lm/w
Transparent	130~140lm/w	150~160lm/w

Please note:

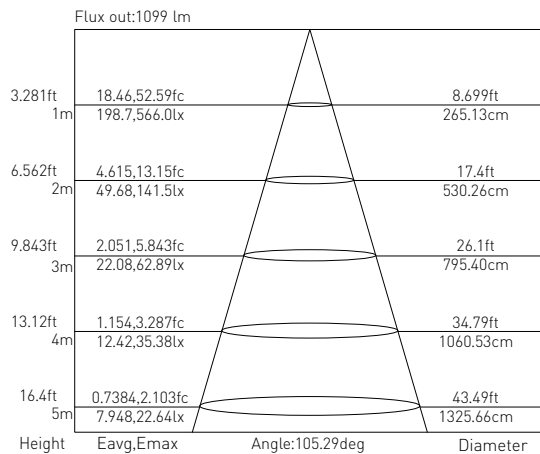
1. Above efficacy based on 4000K
2. All values are based on an ambient temperature of 25°C
3. Efficacy tolerance is +/-5% and wattage tolerance is +/-5%

Light Source	SMD2835
CRI	>80
Beam Angle	120°
CCT	3000K/4000K/5000K/6000K
AC Input	100-277V 50/60Hz
DC Output	30-40V
SDCM	<4
Waterproof	IP69K
IK Rate	IK10
Power Factor	>0.95
Warranty	5 Years
Operating Temperature	-20~+40°C

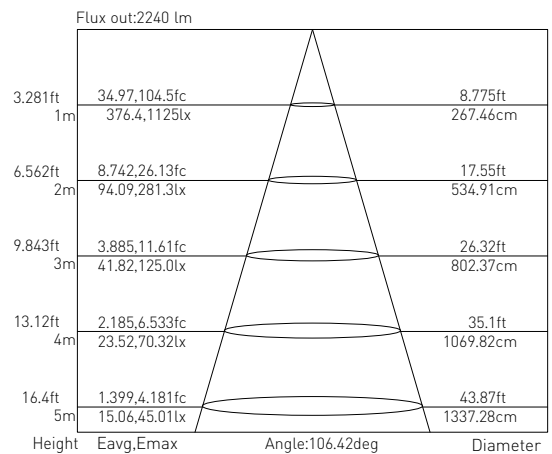
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



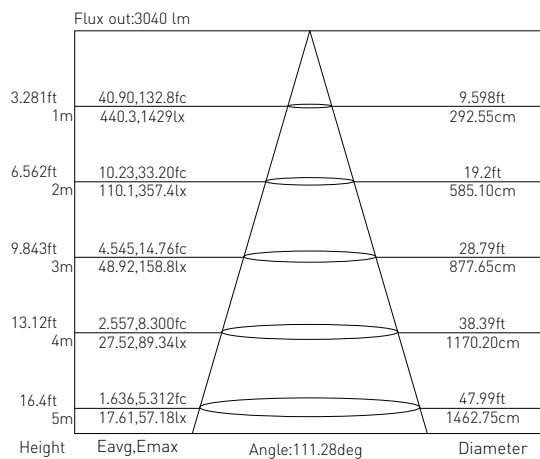
Optical Parameter



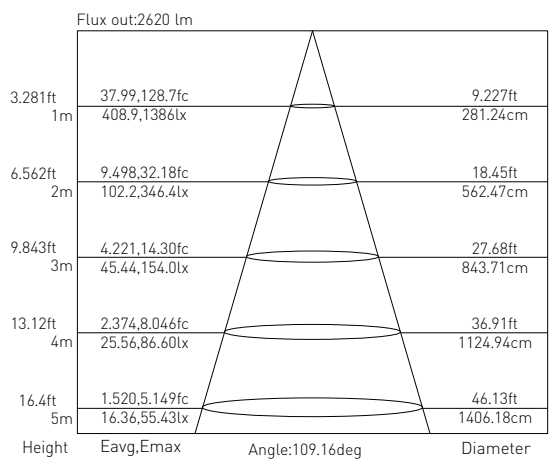
UES-2-20-X



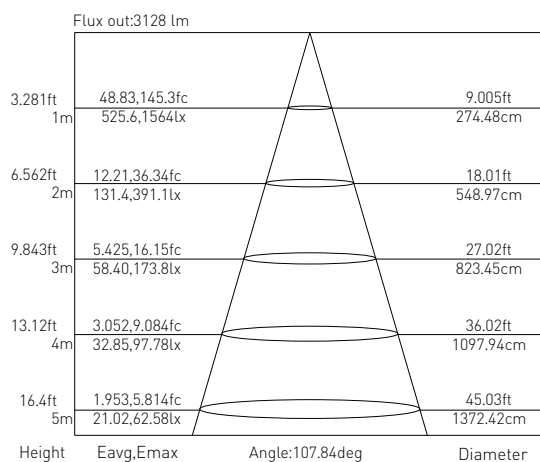
UES-4-36-X



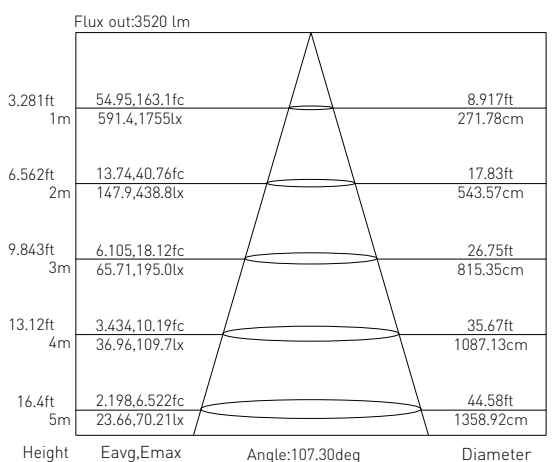
SL-P69X5-45-X



SL-P69X2-30-X



UES-4-50-X / UES-5-50-X

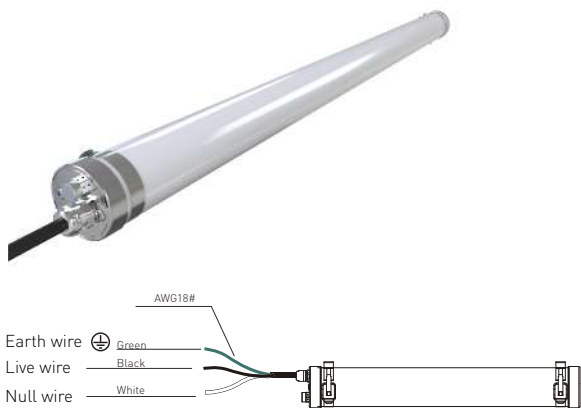


UES-5-60-X

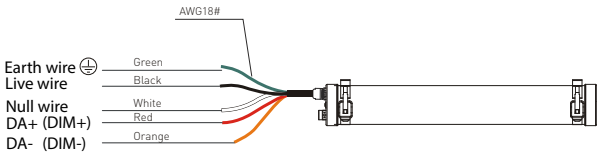
Connection Methods

1 Standard

1-METER CABLE STANDARD
CONTACT FACTORY FOR
CUSTOM LENGTH CABLES

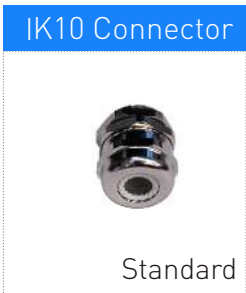


2 DALI & 0/1-10V Dimmable

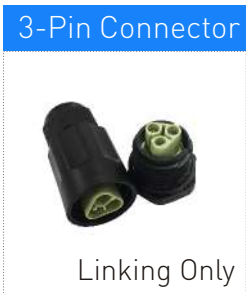


Available Dimming Methods

Suggested Compatible Dimmers for DALI:
Tridonic (European market)
Lutron & Leviton (American market)
Philips Dynalite & Clipsal (Australian market)



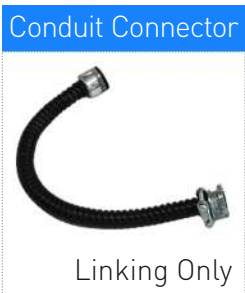
FME # UES-CC



FME # UES-3P



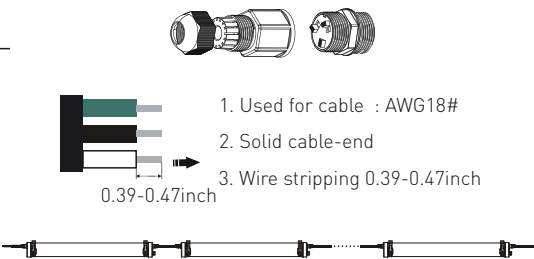
FME # UES-5P



FME # UES-LC

Available Quantity in Series Connection

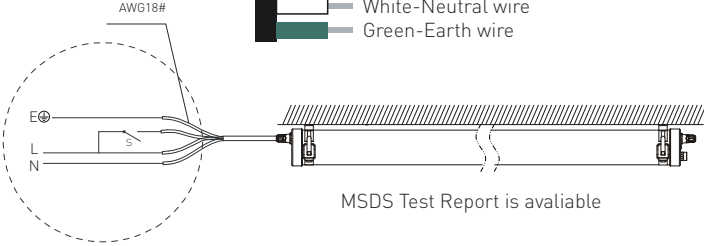
Power (W)	Input Votage (V)	Maximum Quantity Connecting in Series	Input Votage (V)	Maximum Quantity Connecting in Series
20	110	16pcs	277	41pcs
30	110	11pcs	277	27pcs
36	110	10pcs	277	26pcs
45	110	7pcs	277	18pcs
50	110	6pcs	277	16pcs
60	110	5pcs	277	13pcs



Emergency Series



AWG18#



Black-Live wire
Red-Switch wire
White-Neutral wire
Green-Earth wire

MSDS Test Report is available



Emergency Power



Rechargeable



Emergency Time



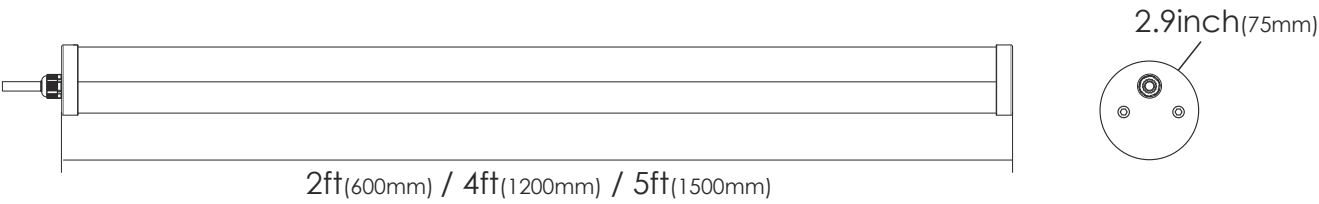
3 Years Guarantee

Remark:

1 Indicator color (Green – Recharging & Working, Yellow – malfunction)

2 Battery can be recharged at least 500 times. In order to maintain the battery well it must be discharged every 3 months.

Dimension

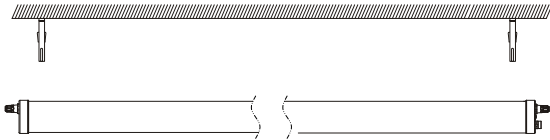


Packaging

Length	Carton Size (6pcs/ctn)	N.W.(CTN)	G.W.(CTN)	20'GP	40'GP	40'HQ
2ft/60mm	29.53*9.84*7.09inch (750*250*180mm)	16.53lb (7.5Kg)	18.74lb (8.5Kg)	4986pcs	10368pcs	11520pcs
4ft/1200mm	53.15*9.84*7.09inch (1350*250*180mm)	25.35lb (11.5Kg)	29.76lb (13.5Kg)	2592pcs	5190pcs	5760pcs
5ft/1500mm	64.96*9.84*7.09inch (1650*250*180mm)	31.97lb (14.5Kg)	37.48lb (17Kg)	1950pcs	4536pcs	5040pcs

Installation

① Ceiling Mounted Installation



* Ceiling Mounted accessories are ShineLong Configuration.

Standard



#316 Bracket

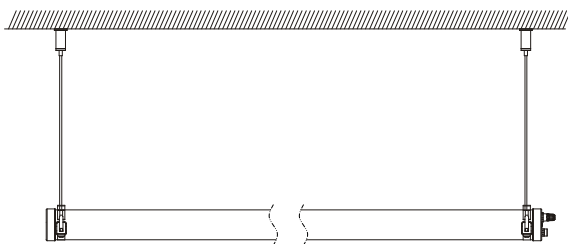
Optional



Rotatable Buckle
(#316 Stainless steel)

FME # UES-RB

② Suspending Installation



* Suspended accessories need to be paid additionally.

Accessory part



#316 Bracket

FME # UES-SB



Suspension wires

Fixing nuts

Fixed bushings

Fixing screws

Self-tapping screws

Slotted plastic screws

FME # UES-SW

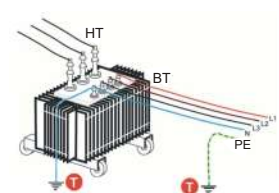


All the operations must be in the condition of power off



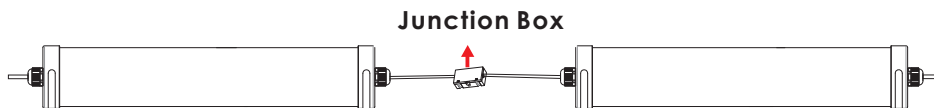
The luminaires are intended for indoor use or under shelter for outdoor use.

1. Please note that DO NOT use this product in the following places/application. The place has a large quantity of chemical corrosive substance, such as: chemical plant and stockyard etc.
2. The place has poor temperature conditions, the applicable operating temperature of the lamp is $-20^{\circ}\sim+40^{\circ}$, Sharply temperature variation, which would increase the risk of damage to the lamp.
3. Pls note that lamp must be reliable grounding. Make sure that your application is completely connected to ground firstly. Otherwise, it will do heavy damage to lamp if lamp's earth wire can not be efficiently connected to the ground.



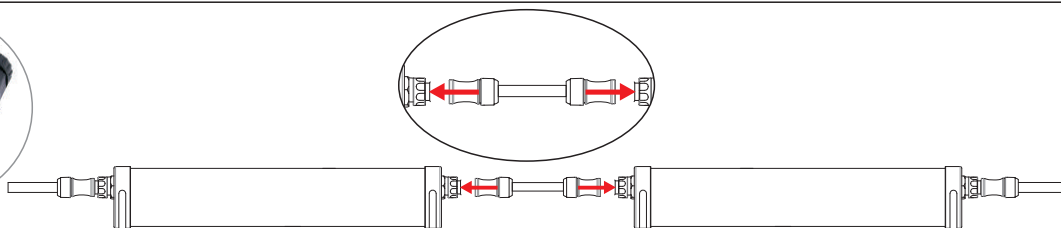
Flexibility in connections

Option A



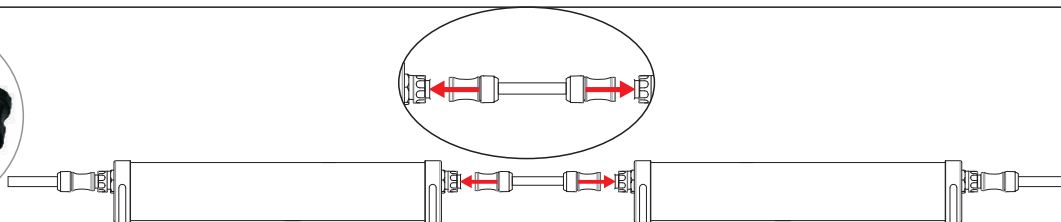
Fit for single or series connection

Option B



Plug-and-play connection

Option c



Plug-and-play connection, fit for 0~10V dimmable and DALI version

Applications

