

unilight

FFR- INTEGRATED LIGHT TUBE



Characteristics	60 cm	120 cm
Normative Phase Voltage	220-240 V	0V-240V
Operation Voltage	0-240 V	0-240 V
Frequency	50/60Hz	50/60Hz
Total Power Consumption	18W	36W
Total Produced Light	2160 lm	4300 lm
Colour Temperature, Kelvin	3000/6000 K/B	3000/6000 K/B
Colour Rendering Index, CRI	≥80	≥80
Beam Angle	100 degrees	100 degrees
Type of Driver	Linear (analogue)	Linear (analogue)
Dimmable	Yes	Yes
Generated Driver Heat (losses)	1,5W	2,9W
EMI/EMC*	None or limited	None or limited
Flicker (invisible)	<0,3 %	<0,3 %
L70 (@40 deg. C)	50,000 h	50,000 h
L70 (@40 deg.C), UL-CLux**	100,000 h	100,000 h
Material	PC/PC lens	PC/PC lens
Measurement L*W*H mm	600 x 30 x 22 mm	1200 x 30 x 22 mm
Weight	0.15 kg	0.30 kg
Recommended Operation Temp.	-20° C to +45° C	-20° C to +45° C
Operation Humidity	< 95%	< 95%
Lens	Frosted	Frosted
Certification	CE, RoHS	CE, RoHS
Installation ***	Clips & Uni-light E-C***	Clips & Uni-light E-C***
Product/order Code	UL FFR 60-18 3000/6000	UL FFR 120-36 3000/6000

* When dimming, EMI is always generated. Using the Uni-light filter dimmer, the EMI is substantially reduced

** Uni-light Constant lux

*** UL E-C: Uni-light Easy Connect, pre-manufactured cables, connecting fixtures with IP65 plug in connectors

**** The B-version for Live stock has variable color temperature and lumen out-put, depending on application