Visualite Technology Group

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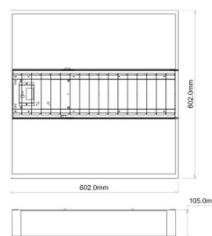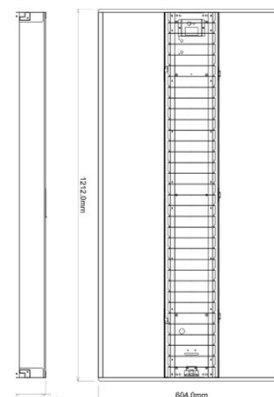www.visualite.net   Visualite Technology

VISUALITE®

Smart Germicidal UVC & LED Troffer

Product developed by integrating high quality LED lighting with UVC lamp for disinfection in non-residential location. This fixture serves 2 purposes – lighting and disinfection.
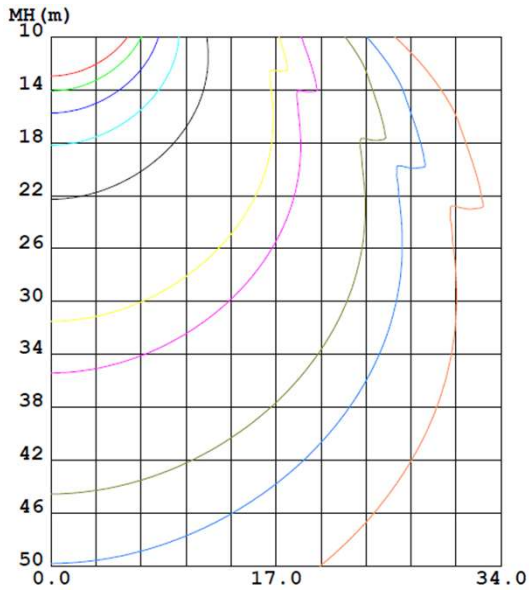
UVT22P36L3300

UVT24P36L4200

SPECIFICATIONS

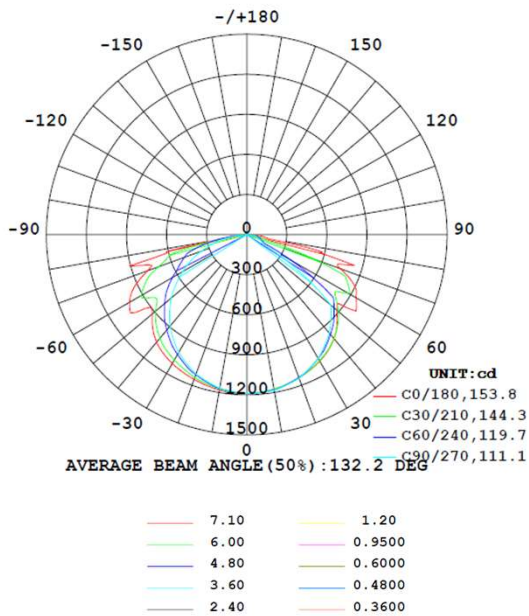| ILLUMINATION	2 x 2 x 0.35 ft	2 x 4 x 0.33 ft
Correlated Colour Temperature (CCT)	Adjustable 3000-5000K	Adjustable 3000-5000K
Lumens Output	4200 lm	3300 lm
Colour Rendering Index (CRI)	80, 90 (Optional)	80, 90 (Optional)
Lifetime to L80	>69,000 Hours	>69,000 Hours
Efficacy	105 lm/w	115 lm/w
Standard Deviation Colour Matching (SDCM)	≤ Step 5	≤ Step 5
Beam Angle	120 °	120 °
GERMICIDAL UVC		
Power	36W	36W
UVC Wavelength	254 nm	254 nm
Lifespan	>5,000 Hours	>5,000 Hours
Recommended Installation Height	2.5m – 3.0m	2.5m – 3.0m
Recommended Disinfect Area	12m^2	12m^2
ELECTRICAL		
Power Consumption	30W @ Illumination Mode 36W @ UVC Mode	40W @ Illumination Mode 36W @ UVC Mode
Input Voltage	120-277 VAC	120-277 VAC
Frequency	50/60 Hz	50/60 Hz
Power Factor	>0.9	>0.9
Total Harmonic Distortion (THD)	<10% at 120-277 VAC input @ UVC Mode <10% at 120-240 VAC input @ Illumination Mode <20% at 277 VAC input @ Illumination Mode	<10% at 120-277 VAC input @ UVC Mode <10% at 120-240 VAC input @ Illumination Mode <20% at 277 VAC input @ Illumination Mode
Dimming Control	2 Options: 0-10 V, Bluetooth	2 Options: 0-10 V, Bluetooth
Dimming Range	0-100%	0-100%
SENSORS		
Motion Sensors	PIR & Microwave	PIR & Microwave
Motion Sensors Coverage	~1,500sqft	~1,500sqft
Window/Door Sensor Input	Close contact to cut-off UVC System	Close contact to cut-off UVC System

⚠ SAFETY & PRECAUTIONS | UVC radiation can cause severe burns of the skin and eye injuries. Avoid skin exposure to UVC radiation and never look directly into a UVC light source.

VISUALITE®

PHONE APP SETTINGS	2 x 2 x 0.35 ft	2 x 4 x 0.33 ft
Auto Dim (Energy Saving Mode)	1 min - 30 mins on phone app Factory Default: 10 mins	1 min - 30 mins on phone app Factory Default: 10 mins
UVC Delay On	10 sec - 30 mins on phone app Factory Default: 1 min	10 sec - 30 mins on phone app Factory Default: 1 min
UVC On Duration	30 mins - 10 hours on phone app Factory Default: 3 hours	30 mins -10 hours on phone app Factory Default: 3 hours
Max No. of Lights with BLE Capability	65,536	65,536
Max No. of Groupings	1-254 Groups	1-254 Groups
MECHANICAL		
Housing	0.6mm Metal Sheet	0.6mm Metal Sheet
Dimension (L x W x H)	603 x 605 x 95 mm	1238 x 605 x 95 mm
Weight	Approx. 5.5 kg	Approx. 9.8 kg
Finish	0.1mm Powder-Coated White	0.1mm Powder-Coated White
Mounting	Recessed Mounting to Either 2 x 2 or 2 x4 Drop Ceiling Tiles, Suspended Mounting	Recessed Mounting to Either 2 x 2 or 2 x4 Ceiling Tiles, Suspended Mounting
Optional Accessories	Aircraft cable, Remote Control	Aircraft cable, Remote Control
Model No.	UVT22P36L3300	UVT24P36L4200
WARRANTY		
Warranty Period	5 Years Limited Warranty	5 Years Limited Warranty
COMPLIANCE STANDARDS		
Standards	FCC, RoHS, UL8802 (Pending), SIRIM (Pending)	FCC, RoHS, UL8802 (Pending), SIRIM (Pending)

PHOTOMETRICS

Luminous Intensity Distribution Diagram

Co Plane Isolux Diagram

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