

Project Name:

Type:

Quantity:

FIXTURE SPECIFICATIONS

INTENDED USE

Providing on-demand environmental disinfection, this UVC linear downlight is made for combating the spread of pathogens and microorganisms by inactivating them using 275nm UVC light. Our product, finished in an antimicrobial high-gloss, is the ideal UVC disinfection system for medical, hospital, commercial, retail and institutional applications.

FEATURES

**UVC:** 275nm UVC light can significantly reduce common pathogens in an enclosed area. Must be used when unoccupied. Misuse of the UVC light can pose a hazard to the residents, pets, and plants if safety guideline is not followed correctly.

**Bluetooth:** Optional Control via Bluetooth to ensure accurate and safe UVC light disinfection performance.

**Construction:** Die-formed and welded 22-gauge cold rolled steel

**Lens:** Lens is not included to ensure UVC effectiveness

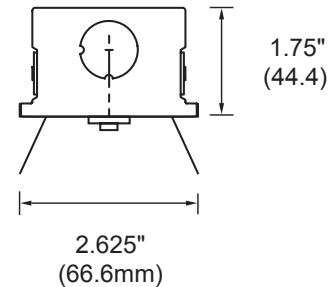
**Voltage:** 120-277V

**Finish:** White antimicrobial finish

**Life:** 54,000 hours

**Warranty:** 3 years carefree for parts & components (labor not included)

**Listings:** ARRA, IC Rated, Suitable for damp locations, Assembled in the USA



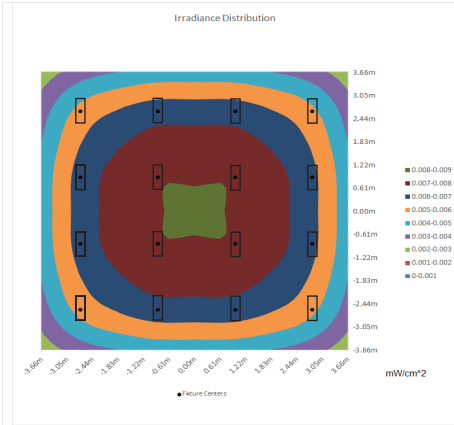
ORDERING INFORMATION Example: (12540-2)

Model	Length   Wattage	Beam Spread	Mount Type	Pendant Surface Type	Options
<b>12540</b>	<b>2</b> 2 Foot   20 Watts	<b>(Blank)</b> <small>Standard</small> 120° Wide Flood	<b>(Blank)</b> <small>Standard</small> Surface Mount	<b>(Blank)</b> <small>Standard</small> Not Required	<b>B-MS<sup>1</sup></b> Bluetooth Mesh motion sensor
	<b>3</b> 3 Foot   30 Watts	<b>FL</b> 90° Flood	<b>TB</b> T-Bar Surface Mount	<b>H</b> Hard Ceiling	
	<b>4</b> 4 Foot   40 Watts		<b>AC4</b> 4' Adjustable Aircraft Cable	<b>T</b> T-Bar Ceiling	
	<b>8</b> 8 Foot   80 Watts		<b>AC8</b> 8' Adjustable Aircraft Cable	<b>HC</b> Hard Ceiling Sloped	
	<b>CR<sub>x</sub></b> Custom Length <small>Replace x with length in feet</small>		<b>ST2</b> 2' Stem Mount		
			<b>ST4</b> 4' Stem Mount		

<sup>1</sup> OFF when occupied and ON when vacant

# SURFACE DISINFECTION TEST RESULTS

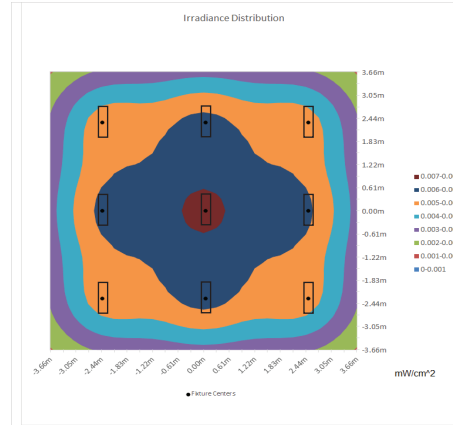
12540-2 - 2 Foot Linear with standard distribution



Time required for % reduction

Pathogens / Virus	80%	99%	99.99%
Acinetobacter baumannii	6m 16s	17m 58s	35m 56s
Escherichia coli	6m 16s	17m 58s	35m 56s
Pseudomonas aeruginosa	9m 59s	27m 35s	57m 10s
Staphylococcus albus	5m 26s	15m 34s	31m 8s
E. Coli (MS2)	6m 16s	17m 58s	35m 56s
Coronavirus (SARS-CoV-2)	4m 45s	13m 36s	27m 13s
Candida albicans	12m 5s	34m 36s	1h 9m 13s

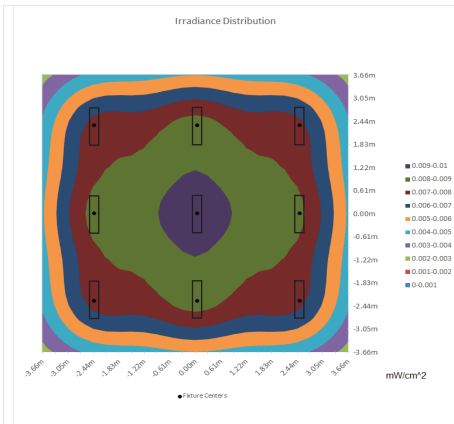
12540-3 - 3 Foot Linear with standard distribution



Time required for % reduction

Pathogens / Virus	80%	99%	99.99%
Acinetobacter baumannii	7m 22s	21m 5s	42m 10s
Escherichia coli	7m 22s	21m 5s	42m 10s
Pseudomonas aeruginosa	11m 43s	33m 33s	1h 7m 6s
Staphylococcus albus	6m 23s	18m 16s	36m 33s
E. Coli (MS2)	7m 22s	21m 5s	42m 10s
Coronavirus (SARS-CoV-2)	5m 35s	15m 58s	31m 57s
Candida albicans	14m 11s	40m 37s	1h 21m 15s

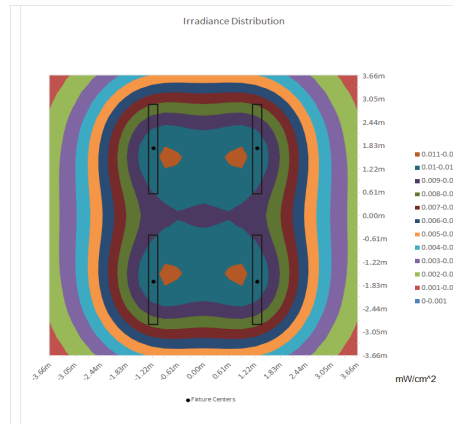
12540-4 - 4 Foot Linear with standard distribution



Time required for % reduction

Pathogens / Virus	80%	99%	99.99%
Acinetobacter baumannii	5m 29s	15m 42s	31m 24s
Escherichia coli	5m 29s	15m 42s	31m 24s
Pseudomonas aeruginosa	8m 43s	24m 59s	49m 58s
Staphylococcus albus	4m 45s	13m 36s	27m 13s
E. Coli (MS2)	5m 29s	15m 42s	31m 24s
Coronavirus (SARS-CoV-2)	4m 9s	11m 53s	23m 47s
Candida albicans	10m 34s	30m 15s	1h 0m 30s

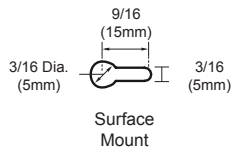
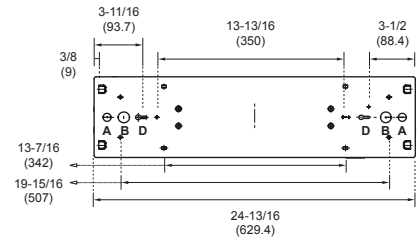
12540-8 - 8 Foot Linear with standard distribution



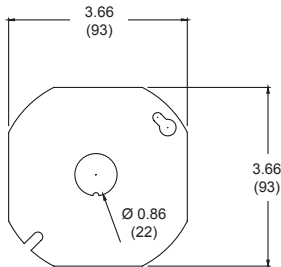
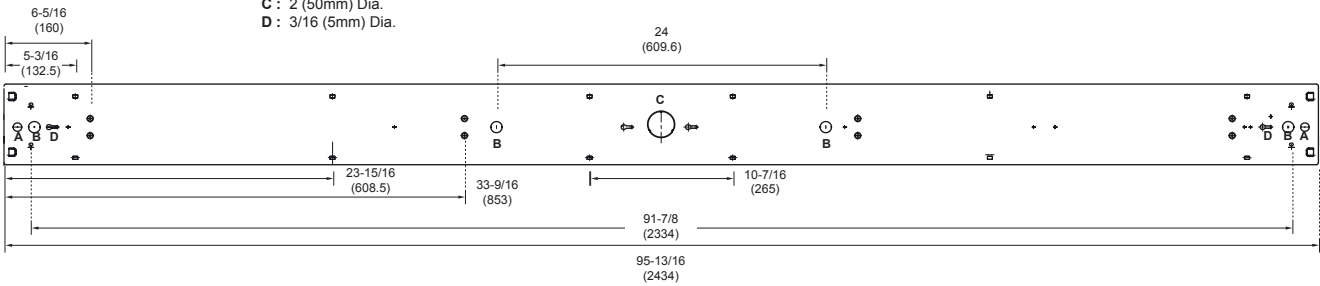
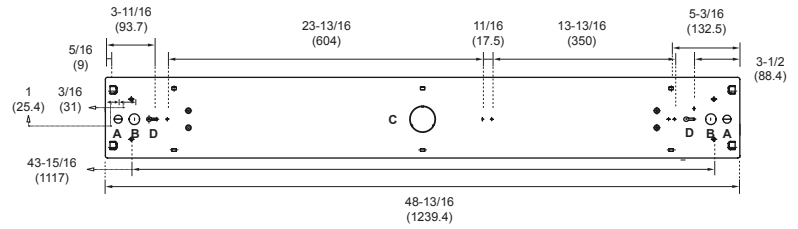
Time required for % reduction

Pathogens / Virus	80%	99%	99.99%
Acinetobacter baumannii	11m 34s	33m 7s	1h 6m 14s
Escherichia coli	11m 34s	33m 7s	1h 6m 14s
Pseudomonas aeruginosa	18m 27s	52m 41s	1h 45m 22s
Staphylococcus albus	10m 1s	28m 42s	57m 24s
E. Coli (MS2)	11m 34s	33m 7s	1h 6m 14s
Coronavirus (SARS-CoV-2)	8m 46s	25m 5s	50m 10s
Candida albicans	22m 17s	1h 3m 48s	2h 7m 36s

TOP VIEW



- A : 11/16 (17mm) Dia.
- B : 7/8 (22mm) Dia.
- C : 2 (50mm) Dia.
- D : 3/16 (5mm) Dia.



JC4: Octagon cover plate