SHOP NOW

Project Name: Type: Quantity:

Alcon 12503 Antimicrobial LED Linear Capsule Pendant or Surface-Mounted Light

FIXTURE SPECIFICATIONS

INTENDED USE

Our antimicrobial linear suspension or surface-mounted lighting incorporates a durable, commercial-grade architectural design with antimicrobial white paint to resist bacteria, rust and corrosion. Providing a contemporary design and direct / indirect lighting for even high-CRI LED light distribution, this linear pendant or surface-mounted light is perfect for healthcare lighting applications such as doctor's offices, dental offices, hospitals medical facilities, spas and gyms. The fully enclosed high-output LED light provides nearly 2,000 lumens per foot in its 2-ft, 3-ft, 4-ft and 8-ft standard lengths.

PRODUCT FAMILY

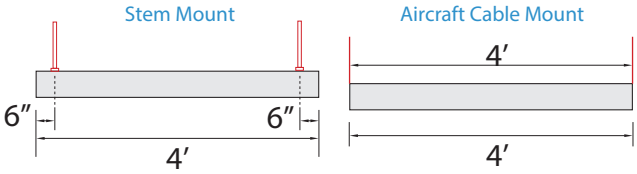
12502-P Pendant
12502-S Surface

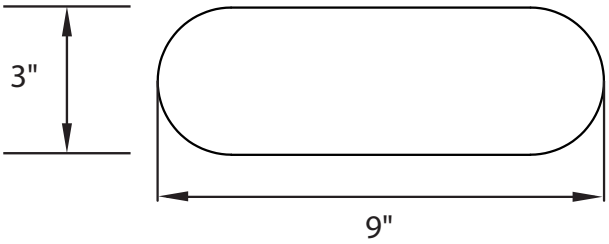
AVAILABLE LENGTHS

2FT, 3FT, 4FT & 8FT
Cont. Run | Consult Factory

FEATURES

Construction: Die-fFormed and welded 22-gauge cold rolled steel
Finish: White antimicrobial finish (prevent bacterial growth on exposed painted surfaces.)
Continuous Run: Full ability to tandem mount for continuous run application
Custom Design: Offered with pre-fabricated and fully illuminated corners
Lens: Glare-free frosted acrylic flat or 1/2" drop lens for even distribution
Voltage: 50/60 Hz constant current 0-10V @ 120-277V, TRIAC & ELV @ 120V RGBW tunable white @ 120-277V
Dimming for Static Color: 0-10V, TRIAC (forward-phase), ELV (reverse-phase)
Life: +60,000 reported L70 hours @ 55°C
RGBW Smart Phone App: Light mesh Bluetooth App for iOS and Android
Operating Temperature: 4°F (-20°C) ~ 122°F (50°C).
Warranty: 5 years (dynamic colors) and 2 years (tunable white) carefree for parts & components (labor not included)
Listings: cULus Listed, UL listed for damp location, DLC listed (Excludes RGBW), ADA compliant (Less than 4” off wall)





SPEC GRADE · UL · c UL LISTED · ANTIMICROBIAL · TUNABLE WHITE · RGBW · ASSEMBLED IN THE USA

ORDERING INFORMATION Example: (12503-P-D9-S4-27K-010-8)

MODEL	12503	**12503** 3" x 9"		
MOUNTING		**P** Pendant **S** Surface		
LED DOWNLIGHT		**DYNAMIC WHITE** **D9** 9 Watts | 724 lms **D13** 13.5 Watts | 1131 lms **D20** 20.25 Watts | 1741 lms	**TUNABLE WHITE** [1] **TW-DLO** 480 lms **TW-DHO** 768 lms	**RGBW** [1] **RGBW-D10** 10 Watts | 425 lms
SHAPE	(Specify in Feet)	**S*x*** Single Run *x* = 2', 3', 4' or 8' **CR*x*** Continuous Run *x* = Length		
COLOR TEMPERATURE		**DYNAMIC WHITE** **27K** 2700K Warm White **30K** 3000K Soft White **35K** 3500K Neutral White **40K** 4000K Cool White **50K** 5000K Daylight	**TUNABLE WHITE** [1] **TW2750** 2700-5000K [2] **TW2065** 2000-6500K [2] **TW2762** 2700-6200K (Wireless) [3]	**RGBW** [1] **RGBW24** RGB + W (2400K) **RGBW27** RGB + W (2700K) **RGBW30** RGB + W (3000K) **RGBW42** RGB + W (4200K)
DRIVER		**010** 0-10V 1% Standard **TRI** Triac (120V) **ELV** Electronic Low Voltage **ES566** eldoLED 0-10V SOLOdrive **BLS** Bi-Level Step 40/100% **BLS*xx*** Bi-Level Step *xx*/100% **TLS** Tri-Level Step 30/70/100% **TLS*xxzz*** Tri-Level Step *xx*/*zz*/100%	**050** Tunable White 0-10V	**24V** RGBW & Wireless Tunable White [8]
PENDANT MOUNTING		**Blank** Not Required	**AC4** 4' Adjustable Aircraft Cable **AC8** 8' Adjustable Aircraft Cable **ACX** Specify X in Feet (Max 30') **ST2** 2' Stem **ST4** 4' Stem **STX** Specify X in Feet (Max 8')	
PENDANT CEILING TYPE		**Blank** Not Required	**T** T-Bar Ceiling **H** Hard Ceiling **SH** Hard Ceiling Sloped	
CRI		**8** 80+ CRI	**9** 90+ CRI	
CONTROLS		**DYNAMIC WHITE** **Blank** Not Required **LV** Lutron VIVE Wireless [4] **FE** Fulham Elite Control [4]	**TUNABLE WHITE** [1] **TW-WWR-BK** Black Wall Remote **TW-WWR-WH** White Wall Remote **TW-DWR-BK** Black Desktop Remote	**RGBW** [1] **RGBW-APP** iOS/Android Bluetooth App **RGBW-SZ** Wireless RF Remote Control Single Zone **RGBW-MZ** Wireless RF Remote Control Multi Zone
WARRANTY		**Blank** 5 Year Warranty Standard **W7** 7 Year Warranty **W10** 10 Year Warranty		
OPTIONS		**EM5** 5W Emergency Battery **EM8** 8W Emergency Battery **EM16** 16W Emergency Battery **ELCU-200** Fail-to-on Emergency UL924	**OS** Occupancy & Daylight Harvesting Sensor **DS** Daylight Dimming Photo Sensor **GTD** Bodine Generator Transfer Device **COC** Chicago Code Compliance Separated EM Feed	
VIVE CONTRTOL SYSTEM		**VDO** Integral RF Occupancy/ Daylight (EcoSystem) **VRF** Integral RF (EcoSystem) **FCJS0** PowPak (0-10V) **FCJSE** PowPak (EcoSystem)	**FCJS0EM** EM UL924 PowPak (0-10V) **FCJSEEM** EM UL924 PowPak (EcoSystem) **RMJS8T** PowPak RF (0-10V) **RMJSECO32** PowPak RF Single Zone (EcoSystem) **RMJS8TEM** EM UL924 PowPak RF (0-10V)	
FULHAM CONTRTOL SYSTEM		**ELIOP-SR** Occupancy & Daylight Harvesting (Short Range) **ELIOP-LR** Occupancy & Daylight Harvesting (Long Range)	**SR-W** White Wireless Single Rocker Pad **DR-W** White Wireless Double Rocker Pad	

1 Control must be specified for this feature
2 Must be Paired with 050 Driver
3 Must specify for Wireless Tunable White 24V Driver
4 Control system must be specified for this feature

Application Images

Compatible Dimmers

MFG	Triac	ELV	0-10V	0-10V Tunable White For use with TW2750 & TW2065 Must order two items: (1) For Dimming (2) For Color Tuning
LUTRON	TG-600P LG-600P TGCL-153P DV-600P DVCL-153P S-603PG CT-103P S-600P	DVELV-303P SELV-300P MAELV-600 FAELV-500	NTSTV NFTV DVSTV	DVTV DVSTV
LEVITON	6161 6633-P 6683 6631-2 IPI06-1LZ	IPE04 VPE06-1LZ	IP710-DLZ	

Wireless Tunable White Control

Weight	0.35 lbs
Dimming Type	PWM
Signal Type	RF (Radio Frequency) 434 MHz/868MHz
Range	100ft from fixture
Maximum Load	24V @ DC 480W
Working Temperature	-20°F to 140°F (-28C to 60°C)
Battery	3V (CR2032 Battery)

Wall

L - 4 $^{3}/_{8}$" x W - 3 $^{1}/_{4}$" x D - 1 $^{3}/_{4}$"

Desktop

L - 4 $^{3}/_{8}$" x W - 3 $^{1}/_{4}$" x D - 2 $^{1}/_{2}$"

Controls

Smart Sensors	Protocol	Compatible Networks	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire
VIVE	Lutron Clear Connect	Lutron Vive System Network	Enabled	Enabled	No	Wireless
EliteControl FULHAM	eliteBlue	EliteControl SmartBridge	Enabled	Enabled	No	Wireless

LUTRON

Controls Installed on the Fixture

VDO
Individual
Fixture Control

Shipped LUTRON VIVE Enabled with VDO Vive Integral Fixture Control (with Sensing).

VRF
Individual
Fixture Control

Shipped LUTRON VIVE Enabled with VRF Vive Integral Fixture Control (RF Only) Installe on the Fixture.

FCJS0
Individual
Fixture Control

Shipped LUTRON VIVE Enabled FCJS0 Control Module Installed on the Fixture.

FCJSE
Individual
Fixture Control

Shipped LUTRON VIVE Enabled FCJSE Control Module Control Module Installed on the Fixture.

FCJS0EM
Individual
Fixture Control

Shipped LUTRON VIVE Enabled FCJS0 Control Module Installed on the Fixture.

FCJSEEM
Individual
Fixture Control

Shipped LUTRON VIVE Enabled FCJSEEM Control Module Control Module Installed on the Fixture.

RMJS8TEM
Individual
Fixture Control

Shipped LUTRON VIVE Enabled RMJS8TEM Control Module Control Module Installed on the Fixture.

RMJS8T
Individual
Fixture Control

Shipped LUTRON VIVE Enabled RMJS8T Control Module Installed on the Fixture.

RMJSECO32
Individual
Fixture Control

Shipped LUTRON VIVE Enabled RMJSECO32 Control Module Control Module Installed on the Fixture.

EliteControl FULHAM

Controls Installed on the Fixture

ELIOP-SR

Short Range, Bluetooth compatible occupancy and Daylight Harvesting Sensor.

ELIOP-LR

Long range, Bluetooth compatible occupancy and Daylight Harvesting Sensor.

Controls Provided by Fulham

SR-W - Bluetooth Single Rocker Pad

SR-D - Bluetooth Double Rocker Pad

Direct

12503-P-D9-S4

Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	399 FC	5.1 FT	4.9 FT
3.3FT	106 FC	9.9 FT	9.5 FT
5.0FT	46.2 FC	14.9 FT	14.4 FT
6.7FT	25.7 FC	20.0 FT	19.3 FT
8.3FT	16.8 FC	24.8 FT	23.9 FT
10.0FT	11.5 FC	29.9 FT	28.8 FT

■ Vert. Spread: 112.4°
■ Horiz. Spread: 110.5°

12503-P-D20-S4

Illuminance at a Distance

	Center Beam FC	Beam Width	
1.7FT	888 FC	5.1 FT	4.9 FT
3.3FT	236 FC	9.9 FT	9.5 FT
5.0FT	103 FC	14.9 FT	14.4 FT
6.7FT	57.2 FC	20.0 FT	19.3 FT
8.3FT	37.2 FC	24.8 FT	23.9 FT
10.0FT	25.7 FC	29.9 FT	28.8 FT

■ Vert. Spread: 112.4°
■ Horiz. Spread: 110.5°