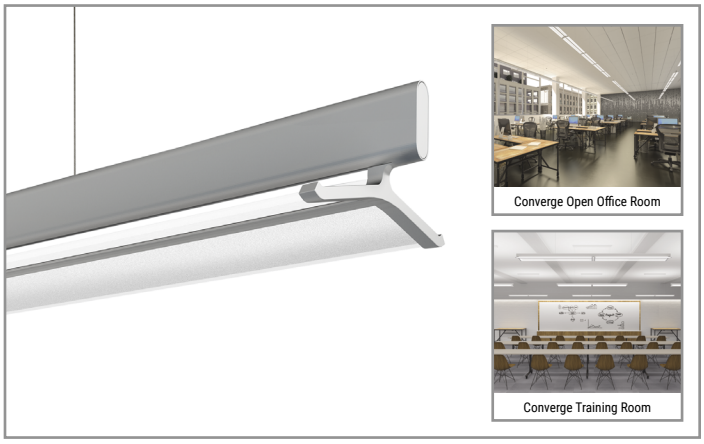
Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Converge Open Office Room

Converge Training Room

Neo-Ray

Converge

WaveStream™ LED
Suspended Direct / Indirect

Typical Applications

Office • Education • Healthcare • Hospitality • Retail • Industrial • Manufacturing • Outdoor Roadway • Outdoor Area/Site • Code-Compliance Areas • Sports Venues • Residential

Interactive Menu

- Order Information page 2
- Photometric Data page 3
- Driver Table page 4
- Mounting page 5
- Product Warranty

Product Certification

Product Features

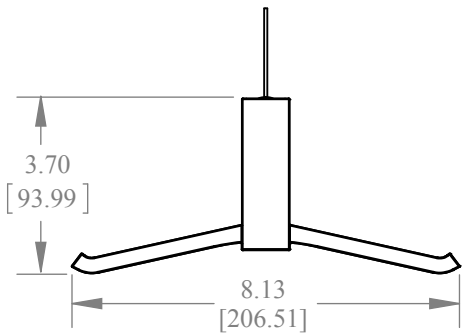
powered by fifthlight technology

damp location

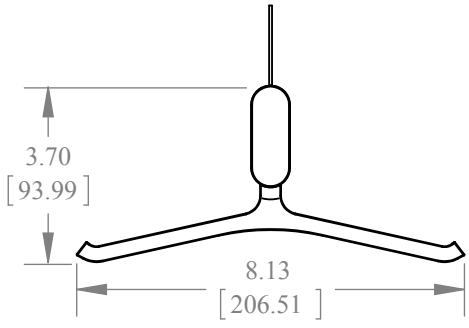
Top Product Features

- Curved Wavestream™ optic provides ideal direct/indirect distribution
- LuxWire™ powered aircraft cable suspension system
- Proprietary light mixing chamber provides industry leading uniformity
- 3000K, 3500K, and 4000K correlated color temperatures available
- 0-10V dimming standard; DALI dimming available

Dimensions



S920DIP Rectilinear



S921DIP Curvilinear

additional product diagrams

Order Information

SAMPLE ORDER NUMBER: **S920DIP-W335-PT12S4-UDD-W**

Series	Optics	Light Level @ 3500K (Nominal Lms / 4' section)	CCT	Ceiling Type	Row Length	Linear Configurations
S920DIP=Rectilinear Direct / Indirect Pendant **S921DIP**=Curvilinear Direct / Indirect Pendant	**-W**=Wavestream Up 40% / Down 60%	**1**=Light Level 1 (2100 lm) (1) **2**=Light Level 2 (3200 lm) (1) **3**=Light Level 3 (4300 lm) (1) **4**=Light Level 4 (5400 lm) (1) **5**=Light Level 5 (6500 lm) (1)	**30**=3000K **35**=3500K **40**=4000K ≥ 85 CRI typ.	**-GD**=On-Grid (includes teg) **-PT**=PiercedTile Grid **-SF**=Sheet Rock Flush (Mud Flange) **-SR**=Sheet Rock with proud cover plate **-ST**=Structure Mount	**4**=4' Individual **8**=8' Individual **XXX**=Specify row length in 4' increments	**S**=Standard **B**=Balanced (1) (8) ** Please refer to config. table on page 4 for valid configurations*
Notes	**Notes**	**Notes** (1) Consult driver table for valid Driver & Light Level configurations. (5) Additional light levels available. Please consult factory for specific details.	**Notes**	**Notes**	**Notes** (1) Consult driver table for valid Driver & Light Level configurations. (6) All lengths are nominal. Please refer to submittal drawings for actual sizes.	**Notes** (1) Consult driver table for valid Driver & Light Level configurations. (8) Price adder and additional lead time may apply – please consult online configuration tool and/or price guide.

Cable Mounting Centers	Voltage	Driver Options	Finish	Integral Emergency	Downlight Kits	Options
2=24" **4**=48" (Standard) **8**=96" (8' Individual Only) ** Please refer to config. table on page 4 for valid configurations*	**-U**=Universal 120-277 VAC **-1**=120 VAC **-2**=277 VAC **-3**=347 VAC (3) **-48**=48 VDC (4)	**DD**=Standard 0-10V (10%-100%) **HCD**=0-10V (1%-100%) (1) (8) **DCD**=0-10V (.1%-100%) (1) (8) **5LT**=Fifth Light DALI (1%-100%) (1) (8) **5LTHD**=Fifth Light DALI (.1%-100%) (1) (8) **STP**=Step Dim (1) (8) **LH**=Lutron LDE1 w/Ecosys (1) (8) **DD3**=347V 0-10 (5%-100%) (1) (3) (8) **LV1**=DLVP Driver (1) (4) (8)	**-W**=White **-S**=Silver **-B**=Black **-C**=Custom Color (8)	**-EL7W**=Integral Battery Pack (2) **-EL14W**=Integral Battery Pack (2) **-RRU**=UL924 ETR Emergency Bypass Relay (12)	**-PC**=Perf Cover **-SC**=Solid Cover (100% down)	**CP**=Chicago Plenum **LWTPD1**=Tilemount Lumawatt Pro Wireless Sensor (7)
Notes	**Notes** (3)Voltage selection of 347VAC only valid with Driver option DD3. (4)Voltage selection of 48VDC only valid with DLVP Driver option LV1. Not available as standard product on structure mount configuration – contact factory if required.	**Notes** (1) Consult driver table for valid Driver & Light Level configurations. (3) Voltage selection of 347VAC only valid with Driver option DD3. (4) Voltage selection of 48VDC only valid with DLVP Driver option LV1. Not available as standard product on structure mount configuration – contact factory if required (8) Price adder and additional lead time may apply – please consult online configuration tool and/or price guide.	**Notes** (8) Price adder and additional lead time may apply – please consult online configuration tool and/or price guide. (11) Grid clip cover, sheet rock cover, and surface mount cover plate ship as standard with white powder coated finish. Contact factory for additional options.	**Notes** (2) EL7W, EL14W and GTD2 require Voltage selection 1 = 120VAC or 2 = 277VAC. Emergency section default is section 1 – contact factory for custom emergency requirements / locations. Type GD/PT (all lengths) -Battery/GTD internal and pre-wired – battery test switch can be tile-mounted or mounted in the cover of a junction box Type SR/SF/ST (4ft length) -Battery/GTD internal and pre-wired, battery test switch is internally mounted. Type SR/SF/ST (2ft length) -Contact factory for availability. Battery pack is external, pre-wired with flexible conduit, remote test switch can be tile-mounted or mounted in the cover of a junction box. GTD not available. (8) Price adder and additional lead time may apply – please consult online configuration tool and/or price guide. (12) RRU option will provide switching for both power and dimming wires for applications requiring a UL924 transfer device.	**Notes** (8) Price adder and additional lead time may apply – please consult online configuration tool and/or price guide.	**Notes** (7) Sensor will be pre-wired and ready for remote tile-mount. Passive infrared occupancy technology. Closed loop, dimming daylight harvesting sensing technology, ~144 sq ft coverage pattern. (8) Price adder and additional lead time may apply – please consult online configuration tool and/or price guide.

Product Specifications

Construction
- Housing trim extruded from 6063 aluminum
- Nominal 4' and 8' sections
- Used in run configuration and/or individual fixtures
- All components are RoHs compliant

Optics
- Curved optical grade acrylic embedded with patented WaveStream Accu-Aim™ optics for optimal distribution, excellent uniformity, and high performance
- Light engine becomes virtually clear in the off-state

Finish
- Fixture housing trims are finished with an electrostatically applied polyester powder coat paint for long lasting durability

Mounting
- Grid, Pierced-Tile, Surface, Sheetrock and Flangless Sheetrock

Electrical
- Long-life LED system powered by a remote driver through low-voltage aircraft cable to deliver optimal performance
- LED's are available in 3000K, 3500K or 4000K with a typical CRI ≥ 85
- Projected life is 193k hours at 70% lumen output for most configurations
- Electronic drivers are available for 120-277V and 347V applications

Controls
- Equipped standard with a 0-10V continuous dimming driver compatible with most standard dimming devices (refer to website for specific compatibility reference)
- Combine with FifthLight DALI and other energy saving products like sensors, daylighting controls and building management systems to maximize energy savings

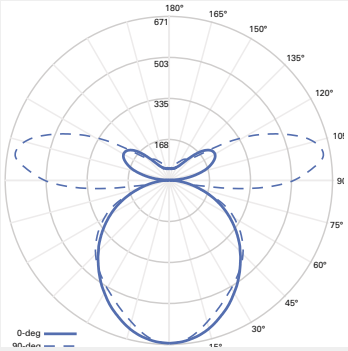
Compliance
- cULus listed for damp locations
- RoHS compliant
- IC rated
- Tested to IESNA LM-79 and LM-80
- For Chicago plenum, specify CP in fixture options

Warranty
- Five year warranty standard.

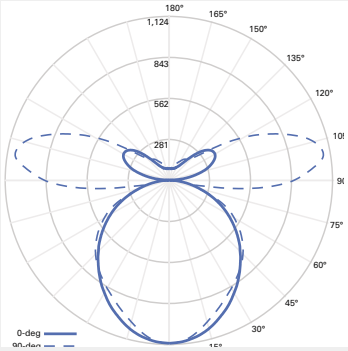
Photometric Data

View IES files

All data certified to LM-79 standards in a NAVLAB approved testing facility



FILE NAME:
S920DIP-W235-XX4XX-UDD-W
CCT: 3500K
LUMENS: 3239 Lms
WATTS: 27.7 W
LPW: 116.9 Lm/W
TEST NO.: P210489



FILE NAME:
S920DIP-W435-XX4XX-UDD-W
CCT: 3500K
LUMENS: 5427 Lms
WATTS: 50.7 W
LPW: 107.0 Lm/W
TEST NO.: P210491

LUMEN MAINTENANCE @ 25°C

Light Level	TM-21 Lumen Maintenance (60,000 hours)	Theoretical L70 (Hours)
1, 2, 3, 4	89.34	193,000
5	84.75	129,000

LUMEN PACKAGE DETAIL (3500K)

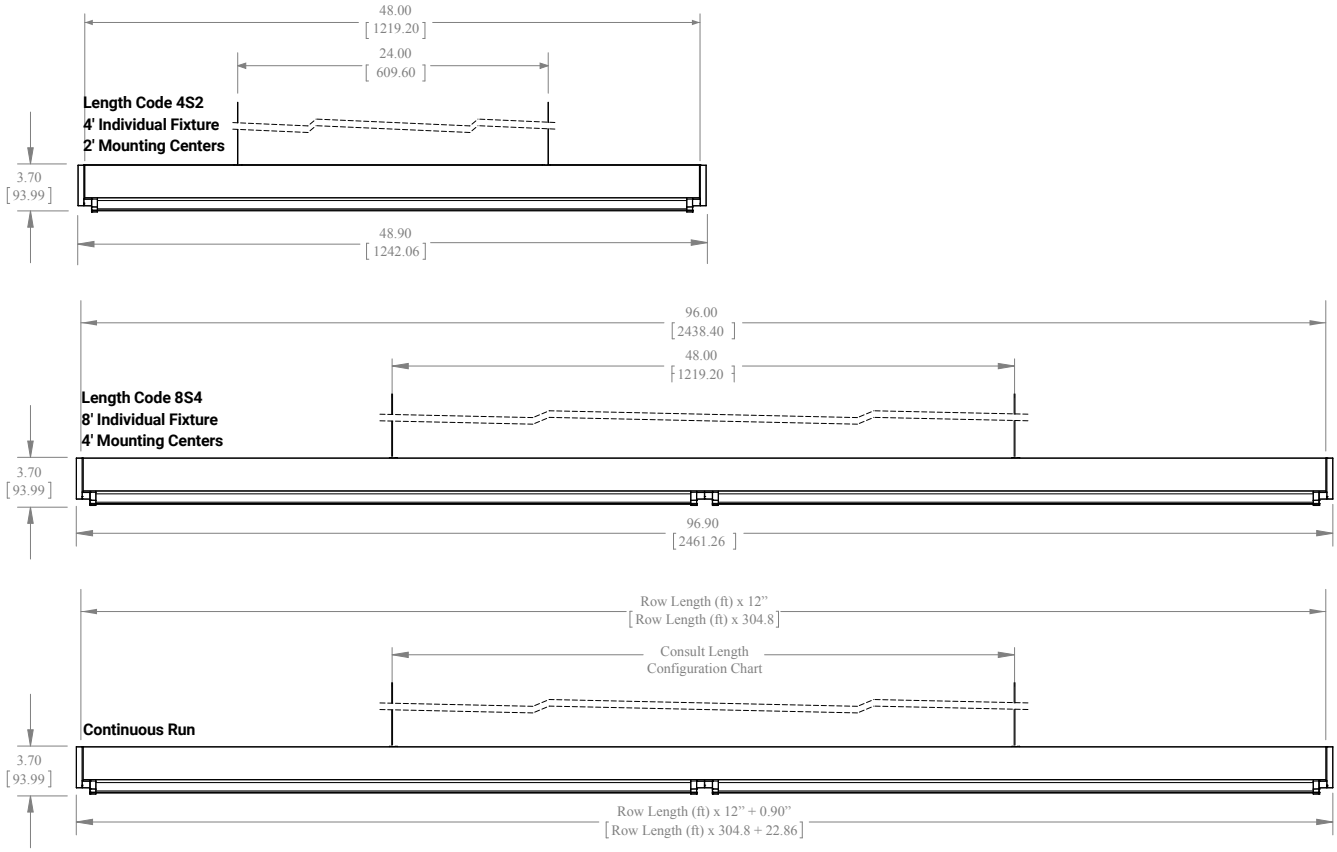
Fixture Length	Light Level	Total Lumen Output (lms)	Power Consumption (W)	Efficacy (LPW)
4'	1	2150	18.7	118.8
	2	3239	27.7	116.9
	3	4333	38.5	112.6
	4	5427	50.7	107.0
	5	6754	68.0	99.3

DD Driver, Data from Test Reports P210488-P210492

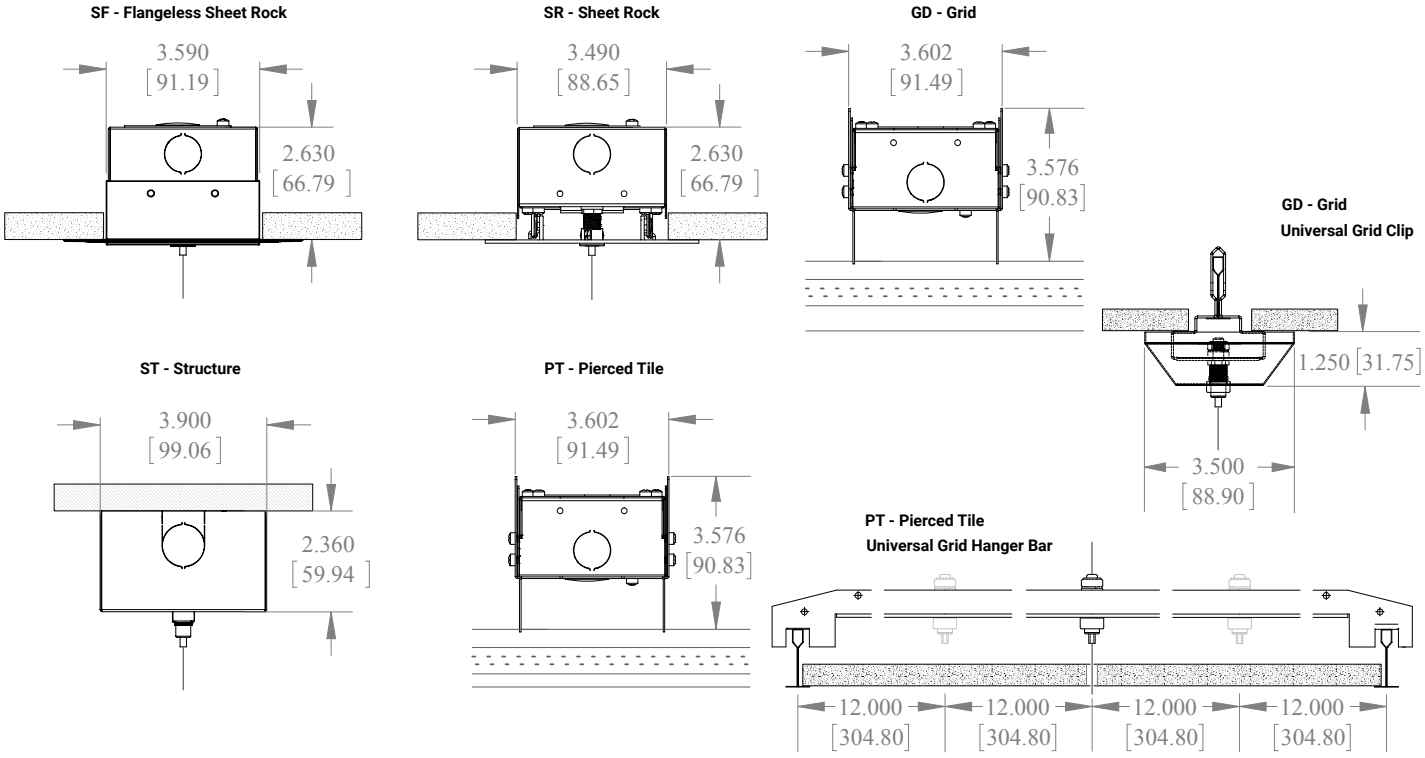
Driver Table

# of Drivers	4' Fixture (Light Level)					8' Fixture (Light Level)				
Driver Type	L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
DD	1	1	1	1	1	1	1	1	2	2
HCD	1	1	1	1	2	1	1	2	2	N/A
DCD	1	1	1	1	2	1	1	2	2	N/A
5LT	1	1	1	1	1	1	1	1	2	2
5LTHD	1	1	1	1	2	1	1	2	2	N/A
STP	N/A	N/A	1	1	1	1	1	2	2	N/A
LH	1	1	1	1	1	1	1	1	2	2
DD3	1	1	1	1	1	1	1	2	2	2
LV1	1	1	1	1	1	1	1	2	2	2

Dimensions



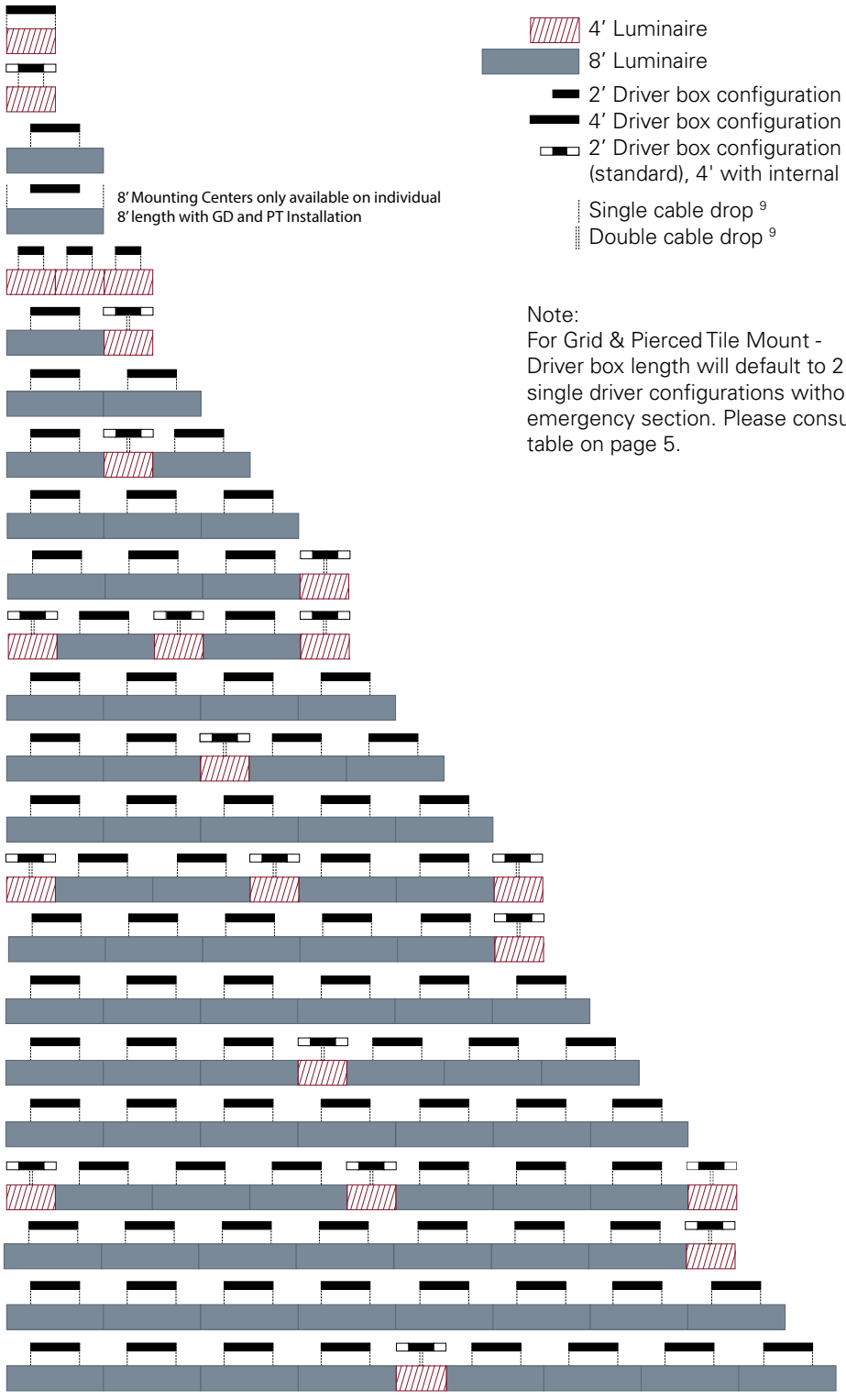
Mounting



Length Configuration Chart

Length	Linear Config.	Mounting Centers (ft)	Length Code
4	Standard	4′	4S4
4	Standard	2′	4S2
8	Standard	4′	8S4
8	Standard	8′	8S8
12	Balanced	2′	12B2
12	Standard	4′	12S4
16	Standard	4′	16S4
20	Standard	4′	20S4
24	Standard	4′	24S4
28	Standard	4′	28S4
28	Balanced	4′	28B4
32	Standard	4′	32S4
36	Standard	4′	36S4
40	Standard	4′	40S4
44	Balanced	4′	44B4
44	Standard	4′	44S4
48	Standard	4′	48S4
52	Standard	4′	52S4
56	Standard	4′	56S4
60	Balanced	4′	60B4
60	Standard	4′	60S4
64	Standard	4′	64S4
68	Standard	4′	68S4

Fixture and Remote Box Layout



Note:
For Grid & Pierced Tile Mount -
Driver box length will default to 2 feet for single driver configurations without an emergency section. Please consult driver table on page 5.

Technical Notes

(9) Double cable drops consisting of two powered aircraft cables spaced approximately 5/8" apart are utilized in all configurations with two drivers (reference driver table on pg 5) as well as all 4ft configurations (reference length configuration chart on pg 4) with a center cable location.
(10) Cable suspension length of 10ft (max length) ships as standard and is cut to length after installation.

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Specifications and dimensions subject to change without notice.