

LANTANA LED

ILLUCENT LINEAR

SPECIFICATION



The Illucent Linear is a streamlined fixture crafted from recycled materials, offering uniform, tunable white illumination for productivity and well-being. Ideal for open offices and collaborative spaces.



Efficacy Up to: 164.7 Lm/W

Total Output: 14,823 Lumens

Max Watt: 90

CRI: 80, 90, 97

CCT: 2700K-6500K

UGR: 20.4-20.6 4H/8H

Lifetime: TM 21 L90>71,000

Power Type:

- Class 2 Integral Line-Voltage 120/277V
- Onboard Emergency Battery Backup
- Remote Distributed Low Voltage

Ambient Operating Temp:

- -30°C to 70°C Remote
- -20°C to 55°C Integral
- 0°C to 55°C Integral Emergency

Mounting:

- Pendant
- Surface
- Rigid Stem (Unpowered)
- Unistrut (w/wo clip & bracket)
- Custom Angle Bracket

Warranty: 10-Year, upgradeable to include drivers

Additional Features

- High Output Driver
- Dynamic & Static Circadian
- Tunable White
- Continuous Run up to 100'
- 0-10V Dimming Down to 1%
- 20% / 80% Single Channel
- Custom Colors
- Withstands High-Heat Environments
- Quick Ship Options

Certifications & Standards

- UL 1598: Luminaires
- UL 924: Emergency
- UL 2108: Low-Voltage
- UL Certified for Elevated Ambient Operating Temperatures
- TAA

Applications

- Education
- Commercial Office
- Hospitality
- Retail
- Data Centers
- Hot Aisle Containment
- Suitable for Damp Locations

Environmental:

- 100% Recycled Extruded Aluminum
- Recyclable Acrylic
- Title 24 Compliant
- Declare
- DLC Listed
- EPD Smart Certified



ILLUCENT LINEAR

ORDERING INFORMATION

Series/Type	Power	Size	Mounting
ILIN- Illucent Linear	I- Integral IEM- Integral EM R- Remote POE- PoE Integral Emergency includes onboard emergency battery backup. Remote requires a distributed low-voltage driver unit (RDU) or an alternative DC power source. Sold separately.	4- Four Foot 6- Six Foot 8- Eight Foot	P- Pendant RS- Rigid Stem* (unpowered) U- Unistrut UC- Unistrut Clip* UCB- Unistrut Clip and Bracket* S- Surface #B- Custom Angle Bracket* Enter angle for custom angle bracket

Optics	Distribution	Lumen Output
- NA	- NA	L#- L35-L65 4' Std L50-L100 6' Std L70-L130 8' Std L135-L145 8' HO

Consult Performance for Lumen Tables with corresponding wattage, and nominal and delivered lumens for SKU. High output not available for Tunable White

Adaptive*	CCT	CRI	Cord	Cord Color
SC- Static Circadian	27- 2700K	80- 80+ CRI	3- No Dim	W- White
DC- Dynamic Circadian	30- 3000K	90- 90+ CRI	5- Dim	B- Black
TW- Tunable White	35- 3500K	97- 97+ CRI*	3E- No Dim/EM On	S- Silver Braided
NA- None	40- 4000K		4E- No Dim-EM On/Off	
	50- 5000K		5E- Dim EM On	
	65- 6500K		6E- Dim EM On/Off	

SC and DC use 97 CRI
 Choose CCT for delivery, DC and TW can be adjusted in the field.
 See performance for CCT and the corresponding CS value.

Feed	Finish	End Cap	Sensors*
TFC- Top Center	CA- Clear Anodized Aluminum	WP- White Plastic	JD- JDRF Autonomy Sensor
TFE- Top End	BA- Black Anodized Aluminum	BP- Black Plastic	LU- Lutron Athena Wireless Node
SF- Side	CU- Custom Finish*	MB- Metallic Black	WT- Wattstopper CLM
		MS- Metallic Silver	LD- LANTANA Dip Switch
		CC- Custom Color	SE- SmartEngine PoE

Specify RAL# for Custom Finish. Custom colors and finishes may incur additional charges. Find options at www.Tiger-Coatings.com Metallics & Special Effects Vol. 2

Sensor includes installation of sensor and sensor end cap. Verify compatibility of emergency and sensor before ordering.

Project: _____ Date: _____
 Part Number: _____ Qty: _____
 Notes: _____

*Additional costs may apply

ILLUCENT LINEAR - QUICK SHIP

ORDERING INFORMATION

415-814-8500
www.lantanaled.com
sales@lantanaled.com

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Series/Type

QSILIN- Illucent Linear Quick Ship

Power

I- Integral
R- Remote

Remote requires a distributed low-voltage driver unit (RDU) or an alternative DC power source. Sold separately.

Size

4- Four Foot
8- Eight Foot

Mounting

P- Pendant
U- Unistrut
S- Surface

--

Optics

- NA

--

Distribution

- NA

--

Lumen Output

L#- L35-L65 4' Std
L70-L130 8' Std

Consult Performance for Lumen Tables with corresponding wattage, and nominal and delivered lumens for SKU.

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Adaptive

- NA

--

CCT

35- 3500K
40- 4000K

--

CRI

80- 80+ CRI
90- 90+ CRI
97+ CRI

--

Cord

3- No Dim
5- Dim

--

Cord Color

W- White

--

Feed

TFC- Top Center
TFE- Top End
SF- Side

--

Finish

CA- Clear Anodized Aluminum

--

End Cap

WP- White Plastic
MS- Metallic Silver

--

Sensors

- NA

Project: _____

Date: _____

Part Number: _____

Qty: _____

Notes: _____

Quick ship is subject to product availability. While we strive to maintain sufficient inventory, some items may temporarily be out of stock. Orders will ship within 10 business days of purchase order receipt, provided stock is available. Maximum quantity = 50. For current availability, please contact our team.

ILLUCENT LINEAR - CONTINUOUS RUN

ORDERING INFORMATION

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Series/Type	Run	Mounting	Lumen Output
ILCR- Illucent Linear Continuous Run	###- Total in Feet	P- Pendant U- Unistrut S- Surface	L#- L35-L65 4' Std L70-L100 4' HO* L50-L100 6' Std L105-L125 6' HO* L70-L130 8' Std L135-L145 8' HO*

See Lumen Tables for corresponding SKUs

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Adaptive*	CCT	CRI	Cord	Cord Color
SC- Static Circadian DC- Dynamic Circadian TW- Tunable White NA- None	27- 2700K 30- 3000K 35- 3500K 40- 4000K 50- 5000K 65- 6500K	80- 80+ CRI 90- 90+ CRI 97- 97+ CRI*	3- No Dim 5- Dim 3E- No Dim/EM On 4E- No Dim-EM On/Off 5E- Dim EM On 6E- Dim EM On/Off	W- White B- Black S- Silver Braided

SC and DC use 97 CRI
Choose CCT for delivery, DC and TW can be adjusted in the field.
See performance for CCT and the corresponding CS value.

<input type="text"/>	<input type="text"/>	<input type="text"/>	See Configuration Example Below	
Feed	Finish	End Cap	Segments	
TFC- Top Center TFE- Top End SF- Side	CA- Clear Anodized Aluminum BA- Black Anodized Aluminum CU- Custom Finish*	WP- White Plastic BP- Black Plastic MB- Metallic Black MS- Metallic Silver CC- Custom Color*	CR4- Integral 4' CR6- Integral 6' CR8- Integral 8'	CR4E- Integral Emergency 4' CR6E- Integral Emergency 6' CR8E- Integral Emergency 8'

Specify RAL#. Custom colors and finishes may incur additional charges. Find options at www.Tiger-Coatings.com Metallics & Special Effects Vol. 2

SEGMENT PART NUMBER EXAMPLE

TOTAL LENGTH	SEG 1 (CORD)	FT+SEG	FT+SEG	FT+SEG	FT+SEG	FT+SEG	SEG (END)
100-	CR4-	32CR8-	8CR8E-	12CR4-	8CR8E-	32CR8-	CR4-
	Single segment, no length required	Total Ft indicates the number of segments: 32CR8 is four 8' segments					Single segment, no length required

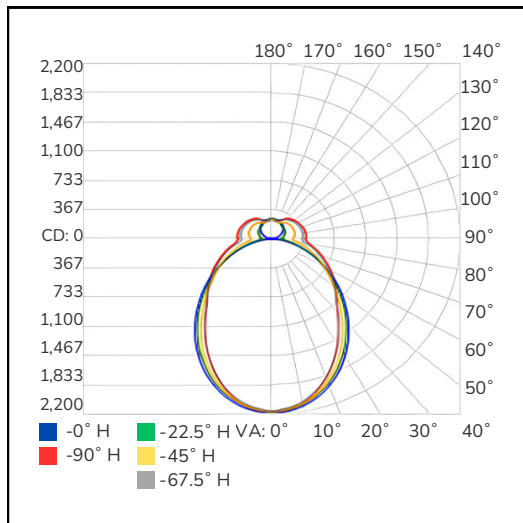
Project: _____ Date: _____
 Part Number: _____ Qty: _____
 Segment Part Number: _____
 Notes: _____

*Additional costs may apply

ILLUCENT LINEAR

PERFORMANCE - REMOTE

IES file Kelvin	4000K
IES file CCT	80CRI
Efficacy	164.7 Lm/W



ZONE (°)	LUMENS	LUMINAIRE
0-90	5,371.7	77.6%
90-180	1,548.11	22.4%

CCT (Kelvin)	Multiplier 80 CRI	Efficacy Lm/W	Multiplier 90 CRI	Efficacy Lm/W
2700K	0.91	149.1	0.76	125.0
3000K	0.95	155.6	0.80	130.9
3500K	0.97	159.8	0.82	135.4
4000K	1.00	164.7	0.85	139.2
5000K	1.00	164.7	0.85	139.2
5700K	1.00	164.7	0.85	139.2
6500K	0.99	162.6	0.85	139.2

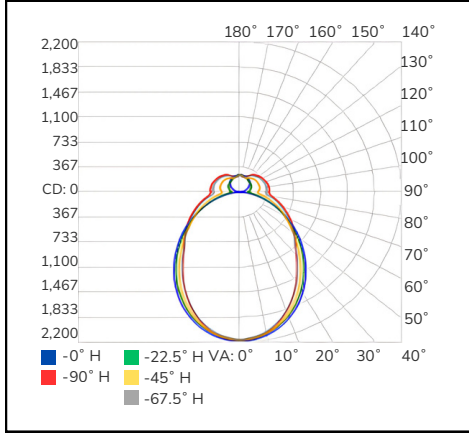
STANDARD				
Size	SKU	Nominal	Watts	Delivered
4'	L30-	3000	18	2965
	L35-	3500	21	3459
	L40-	4000	24	3953
	L45-	4500	27	4447
	L50-	5000	30	4941
	L55-	5500	33	5435
	L60-	6000	36	5929
6'	L65-	6500	40	6588
	L50-	5000	30	4941
	L55-	5500	33	5435
	L60-	6000	36	5929
	L65-	6500	40	6588
	L70-	7000	43	7082
	L75-	7500	46	7576
	L80-	8000	49	8070
	L85-	8500	52	8564
	L90-	9000	55	9059
8'	L95-	9500	58	9553
	L100-	10000	60	9882
	L65-	6500	40	6588
	L70-	7000	43	7082
	L75-	7500	46	7576
	L80-	8000	49	8070
	L85-	8500	52	8564
	L90-	9000	55	9059
	L95-	9500	58	9553
	L100-	10000	60	9882
8'	L105-	10500	64	10541
	L110-	11000	67	11035
	L115-	11500	70	11529
	L120-	12000	73	12023
	L125-	12500	76	12517
	L130-	13000	79	13011

HIGH OUTPUT				
Size	SKU	Nominal	Watts	Delivered
8'	L135-	13500	82	13505
	L140-	14000	85	14000
	L145-	14500	88	14494
	L150-	15000	90	14823

ILLUCENT LINEAR

PERFORMANCE - INTEGRAL

IES file Kelvin	4000K
IES file CCT	80CRI
Efficacy	162 Lm/W



ZONE (°)	LUMENS	LUMINAIRE
0-90	5,17.1	77.5%
90-180	1,517.4	22.5%

CCT (Kelvin)	Multiplier 80 CRI	Efficacy Lm/W	Multiplier 90 CRI	Efficacy Lm/W
2700K	0.91	146.6	0.76	123.0
3000K	0.95	153.1	0.80	128.8
3500K	0.97	157.2	0.82	133.2
4000K	1.00	162.0	0.85	136.9
5000K	1.00	162.0	0.85	136.9
5700K	1.00	162.0	0.85	136.9
6500K	0.99	159.9	0.85	136.9

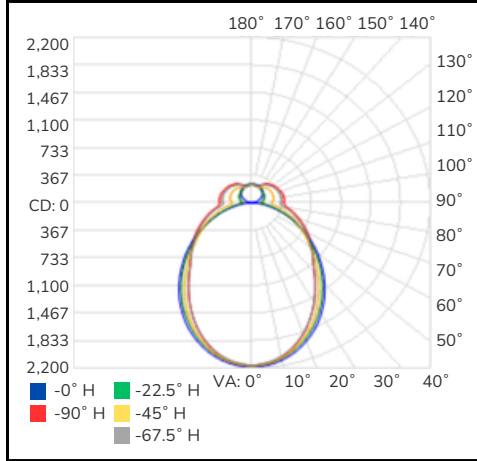
STANDARD				
Size	SKU	Nominal	Watts	Delivered
4'	L30-	3000	19	3079
	L35-	3500	22	3565
	L40-	4000	25	4051
	L45-	4500	28	4537
	L50-	5000	31	5023
	L55-	5500	34	5509
	L60-	6000	37	5995
6'	L65-	6500	40	6482
	L50-	5000	31	5023
	L55-	5500	34	5509
	L60-	6000	37	5995
	L65-	6500	40	6482
	L70-	7000	43	6968
	L75-	7500	56	9074
	L80-	8000	49	7940
	L85-	8500	53	8588
	L90-	9000	56	9074
8'	L95-	9500	59	9560
	L100-	10000	60	9722
	L65-	6500	40	6482
	L70-	7000	43	6968
	L75-	7500	56	9074
	L80-	8000	49	7940
	L85-	8500	53	8588
	L90-	9000	56	9074
	L95-	9500	59	9560
	L100-	10000	62	10046
	L105-	10500	65	10533
	L110-	11000	68	11019
	L115-	11500	71	13125
L120-	12000	74	13611	
L125-	12500	77	12477	
L130-	13000	80	12963	

HIGH OUTPUT				
Size	SKU	Nominal	Watts	Delivered
8'	L135-	13500	82	13505
	L140-	14000	85	14000
	L145-	14500	88	14494
	L150-	15000	90	14823

ILLUCENT LINEAR

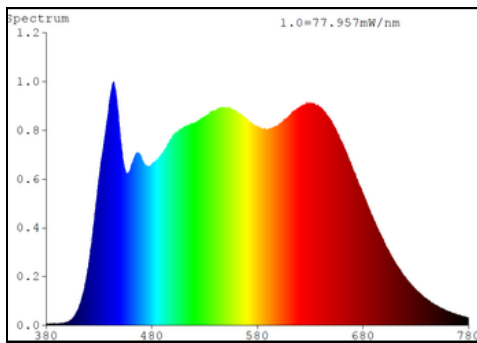
PERFORMANCE - CIRCADIAN

IES file Kelvin	5000K
IES file CCT	97CRI
Efficacy	131.5



ZONE (°)	LUMENS	LUMINAIRE
0-90	4,092.3	77.3%
90-180	1,200.6	22.7%

CCT (Kelvin)	Multiplier 97 CRI	Efficacy Lm/W
2700K	0.91	119.7
3000K	0.96	126.2
3500K	0.96	126.2
4000K	1	131.5
5000K	1	131.5
5700K	1	131.5
6500K	1	131.5



Standard				
Size	SKU	Nominal	Watts	Delivered
4'	L35-	3500	26	3419
	L40-	4000	30	3945
	L45-	4500	34	4471
	L50-	5000	38	4997
6'	L45-	4500	34	4471
	L50-	5000	38	4997
	L55-	5500	41	5392
	L60-	6000	45	5918
	L65-	6500	49	6444
	L70-	7000	53	6970
	L75-	7500	57	7496
	L80-	8000	60	7890
8'	L60-	6000	45	5918
	L65-	6500	49	6444
	L70-	7000	53	6970
	L75-	7500	57	7496
	L80-	8000	60	7890
	L85-	8500	64	8416
	L90-	9000	68	8942
	L95-	9500	72	9468
	L100-	10000	76	9994
	L105-	10500	79	10389

300 LUX Eye Illuminance

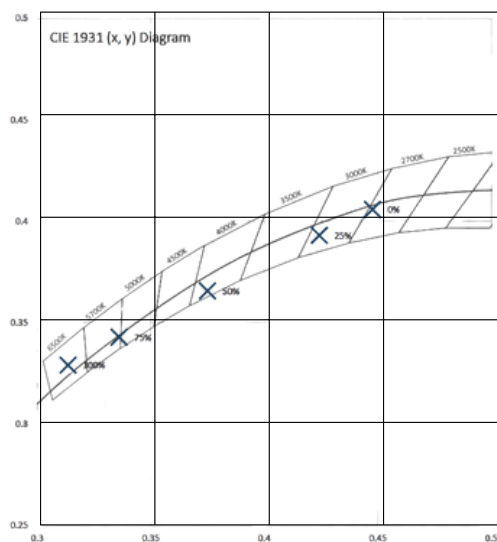
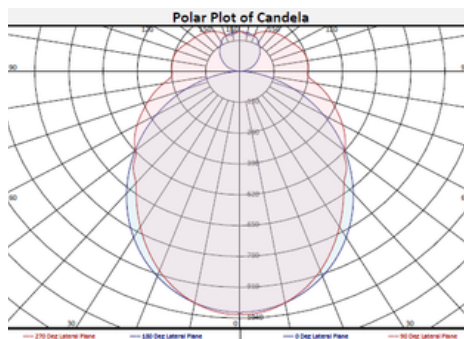
High Output				
Size	SKU	Nominal	Watts	Delivered
8' HO	L110-	11000	83	10915
	L115-	11500	87	11441
	L120-	12000	91	11967

CCT	M/P Value			VAF Value			CS Value		
	Fixture	Daylight	Diff.	Fixture	Daylight	Diff.	Fixture	Daylight	Diff.
2700K	0.515	0.522	-1.2%	0.337	0.353	-4.5%	0.2697	0.302	-1.7%
3000K	0.598	0.603	-0.8%	0.419	0.428	-2.1%	0.331	0.331	-0.9%
3500K	0.669	0.679	-1.5%	0.186	0.501	-3.0%	0.358	0.360	-0.6%
4000K	0.739	0.734	0.7%	0.536	0.557	-3.8%	0.249	0.256	-2.7%
5000K	0.945	0.934	1.2%	0.744	0.759	-2.0%	0.341	0.337	1.2%
5700K	1.024	1.016	0.8%	0.828	0.840	-1.4%	0.361	0.366	-1.4%
6500K	1.3093	1.079	1.3%	0.898	0.912	-1.5%	0.385	0.391	-1.5%

ILLUCENT LINEAR

PERFORMANCE - TUNABLE WHITE

IES file Kelvin	4000k
IES file CCT	95CRI
Efficacy	90.7

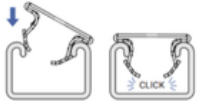


Standard				
Size	SKU	Nominal	Watts	Delivered
4'	L20-	2000	22	1995
	L25-	2500	27	2449
	L30-	3000	33	2993
	L35-	3500	38	3447
6'	L30-	3000	33	2993
	L35-	3500	38	3447
	L40-	4000	44	3991
	L45-	4500	49	4444
	L50-	5000	55	4989
8'	L55-	5500	60	5442
	L40-	4000	44	3991
	L45-	4500	49	4444
	L50-	5000	55	4989
	L55-	5500	60	5442
	L60-	6000	66	5986
	L65-	6500	71	6440
8' HO	L70-	7000	77	6984
	L85-	8500	82	7437
	L90-	9000	88	7982

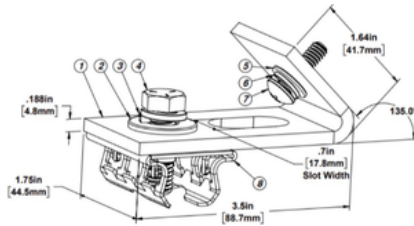
Color Tuning	100%	75%	50%	25%	0%	Min Value	Max Value
Delivered Lumens (Lm)	3709.2	3826.3	3805.5	3438.5	3272.5	3272.5	3826.3
Power (W)	44.42	42.8	41.97	42.56	43.76	41.97	44.42
Efficacy (Lm/W)	83.5	89.4	90.7	80.8	74.8	74.8	90.7
CCT (K)	6460	5343	4072	3134	2841	2841	6460
Duv	0.0028	-0.0007	-0.0036	-0.0026	-0.0006	-0.0036	0.0028
TM-30 Rf	86	88	89	92	93	86	93
TM-30 Rg	95	96	97	99	99	95	99
TM-30 Rcs, h1	-5%	-4%	-3%	-3%	-4%	-5%	-3%
TM-30 Rf, h1	87	89	89	92	92	87	92
CRI Ra	92	94	95	95	95	92	95
R9	72	82	86	75	66	66	86
Chromaticity (x,y)	(0.3135, 0.3291)	(0.3361, 0.3429)	(0.3750, 0.6357)	(0.4477, 0.4059)	(0.4477, 0.4509)		
Chromaticity (u', v')	(0.1984, 0.4685)	(0.2087, 0.4790)	(0.2259, 0.4958)	(0.2567, 0.5237)	(0.2567, 0.5237)		

ILLUCENT LINEAR

MOUNTING

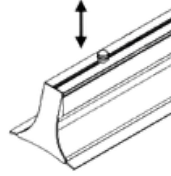


CLIP

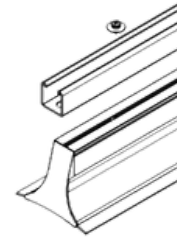


CLIP & ANGLE BRACKET

(Integral fixture shown)



SURFACE



UNISTRUT



PENDANT

Integral hinged driver encasement provides easy access to maintain or replace LED drivers.

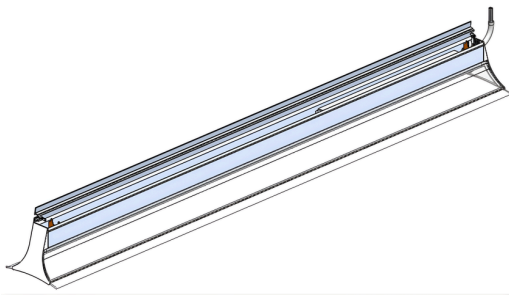


Fig. 1

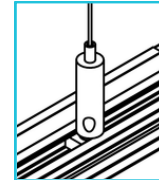


Fig. 2

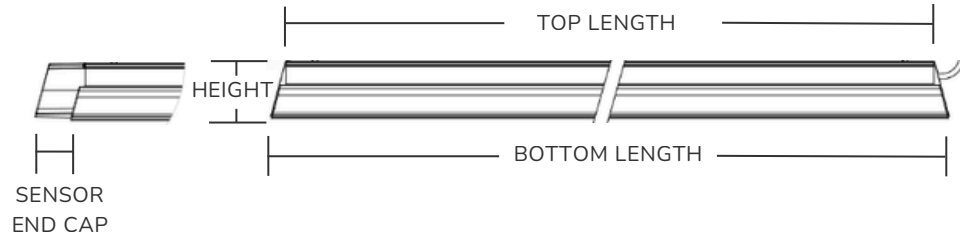


Remote and Integral accommodate multiple ceiling conditions with easy hang hardware.

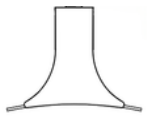
Fig. 1. Sliding channel nut(s) allow easier adjustment and alignment.

Fig. 2. Adjustable grippers for easy leveling.

DIMENSIONS

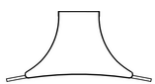


INTEGRAL



WIDTH

REMOTE



FIXTURE SIZE	TOP LENGTH		BOTTOM LENGTH		WIDTH		HEIGHT		WEIGHT	
	IN	MM	IN	MM	IN	MM	IN	MM	LBS	KG
4'	46.2	1173	48.2	1224	5.3	135	2.6	66	4	1.82
6'	69.5	1765	71.5	1816	5.3	135	2.6	66	6	2.72
8'	92.2	2342	94.2	2393	5.3	135	2.6	66	8	3.63
4' w/Sensor End Cap	48.7	1237	50.7	1288	5.3	135	2.75	70	4.2	1.91
6' w/Sensor End Cap	72	1829	74.5	1892	5.3	135	2.75	70	6.2	2.81
8' w/Sensor End Cap	94.7	2405	97.2	2469	5.3	135	2.75	70	8.2	3.72
4'	47	1194	48.2	1224	5.3	135	2.6	66	4	1.82
6'	70.2	1783	71.4	1814	5.3	135	2.6	66	6	2.72
8'	93	2362	94.2	2393	5.3	135	2.6	66	8	3.63
4' w/Sensor End Cap	49.7	1262	51.5	1308	5.3	135	2.75	70	4.2	1.91
6' w/Sensor End Cap	72.9	1852	74.8	1900	5.3	135	2.75	70	6.2	2.81
8' w/Sensor End Cap	95.7	2431	97.5	2477	5.3	135	2.75	70	8.2	3.72