

LEDLINE AIR 1617 PRO WHT - COMBO SYSTEM

3D Bending · Static White

(Standard Cut + Free Cut Finishing Piece)

Features

The AIR 1617 PRO Combo System combines standard cut and free cut capabilities to provide precise, made-to-order lengths, utilizing Standard Cuts for the majority of the runs, with Free Cuts reserved only for the finishing segments. This combo usage achieves cost savings of 20–40% versus using Free Cuts for the entire length. Both AIR 1617 PRO Standard Cut and Free Cut maintain consistent binning and brightness.

The system is suitable for indoor and outdoor applications, and delivers exceptional performance with a CRI over 95, brightness of up to 961 lm/m, and 1-step binning, ensuring robustness and design flexibility.

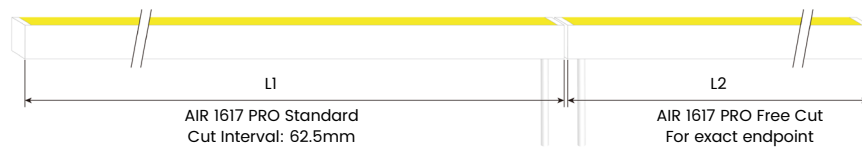
Applications

VIP lounges, luxury retail, curatorial feature walls, under-vitrine illumination, gallery accent walls, architectural coves, showcase and museum, etc.

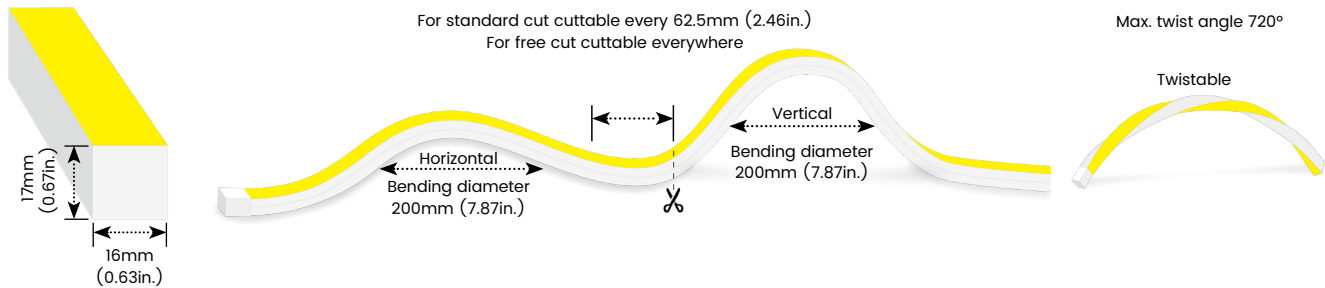
Date	Fixture type
Project name	Project phase



Combo System



Bending Directions & Diameters



Order Code

Assembly Builder

Model	Bend Direction	Voltage	CCT	Power	Left Feed Entry			
AIR1617P	3D-3D bending	24V-DC24V	9527-RA95 2700K	100-10W/M	F	Front	OW	Open wire 30cm(0.98ft)
	3DFC-3D bending Free Cut		9530-RA95 3000K		B	Bottom	MC	Male connector with 30cm(0.98ft) cable
			9540-RA95 4000K		S	Side	FC	Female connector with 30cm(0.98ft) cable
				C	Closed	NA	Only for Closed Feed Entry	

*AIR1617P3DFC: Free Cut delivers precise field-cut lengths for the last segment, while keeping in line with standard cut in dimensions, binning, output, and mounting for a uniform appearance.

Assembly Builder

Mounting Order Code

Right Feed Entry			Length
F	Front	OW	Open wire 30cm(0.98ft)
B	Bottom	MC	Male connector with 30cm(0.98ft) cable
S	Side	FC	Female connector with 30cm(0.98ft) cable
C	Closed	NA	Only for Closed Feed Entry
			Max. nominal 5m(16.4ft) AIR1617P3D
			Max. nominal 4m(13.12ft) AIR1617P3DFC
			Increment 62.5mm(2.46in.)

Product Code
Please select on the Mounting Options page

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

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Lumen Output (lm/m)

CCT	10W/M
■ 2700K	860
■ 3000K	890
■ 4000K	961
Max. Run for standard cut	5m
Max. run for Free cut	4m

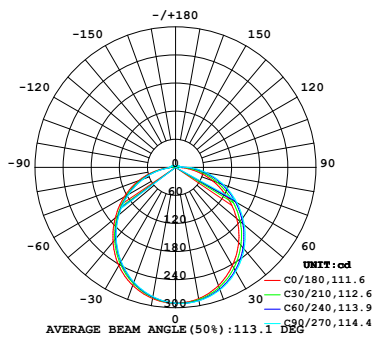
Technical Details

Efficacy	89lm/W @3000K 10W
CRI	CRI>95
Beam Angle	110°
LED MacAdam	1 step
IK Rating	IK108
Average Life (L80B50)	>44,000 hours
Storage Temperature	-40°C- 65°C
Operating Temperature	-40°C- 65°C

Photometry

AIR1617P3D-24-9530-100

LEDLINE AIR 1617 PRO, 3D bending, 24V, RA95, 3000K, 10W/M



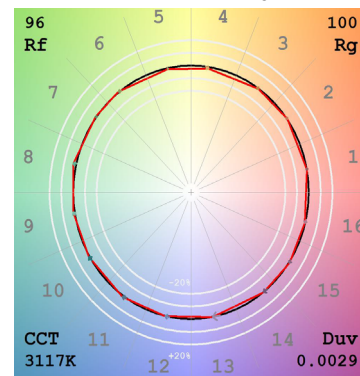
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	224.4	25.2%
0-40	367.1	41.2%
0-60	651.3	73.2%
0-90	861.6	96.8%
0-180	890.2	100%

TM30

AIR1617P3D-24-9530-100

LEDLINE AIR 1617 PRO, 3D bending, 24V, RA95, 3000K, 10W/M



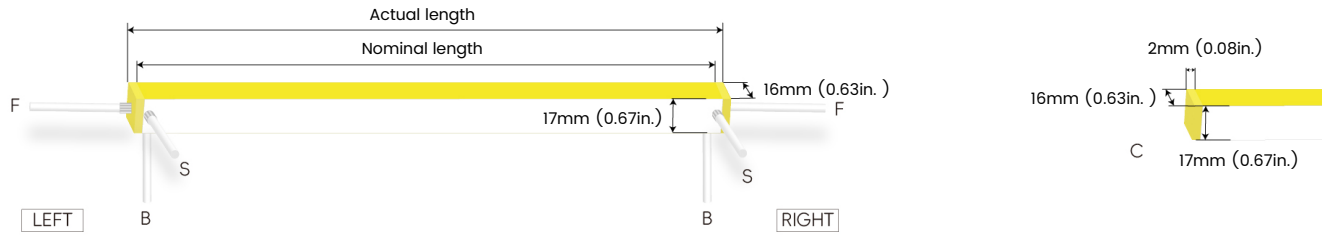
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3D Bending · Static White

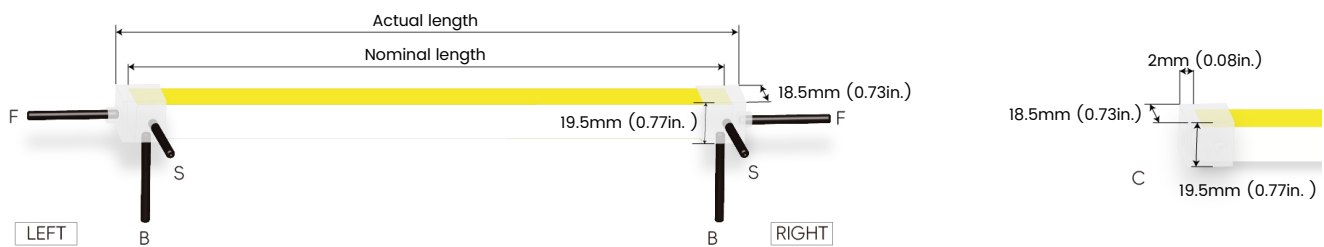
(Standard Cut + Free Cut Finishing Piece)

Feed Entry / End Cap Options

FT: Flush Translucent – IP68, factory-made only



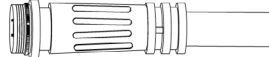
Silicone end cap – IP67, for field cuttable only



Connector Wire Options



OW: Open wire, **Dry only**
Standard 30cm (0.98ft), 18 AWG,
wire length customizable



MC: Male connector, **Wet**
Standard 30cm (0.98ft), 18 AWG



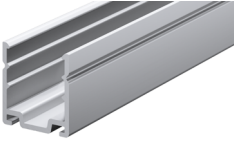
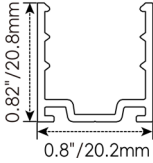

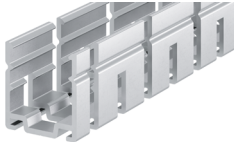
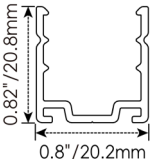
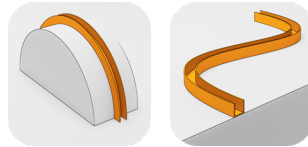
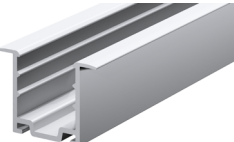
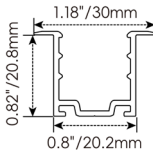


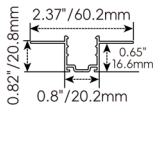

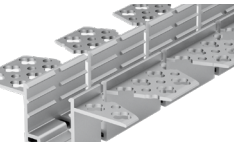
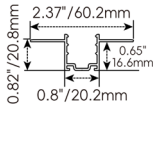


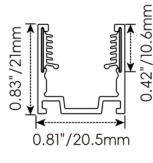


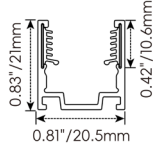

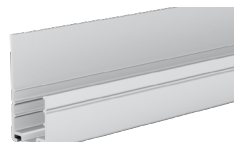
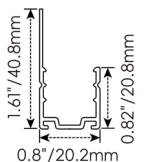
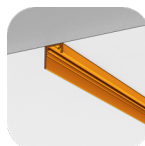
FC: Female connector, **Wet**
Standard 30cm (0.98ft), 18 AWG

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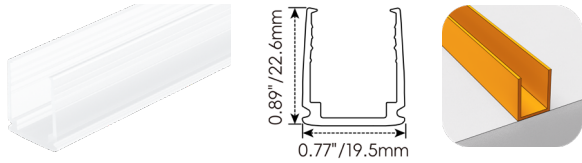
Mounting Options

			<p>AC167-AP</p> <table border="1"> <tr> <td>Name</td> <td>Straight surface profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Straight surface profile	Material	Aluminum	Standard Length	1M (3.28ft)		
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			<p>AC167-CR</p> <table border="1"> <tr> <td>Name</td> <td>Bendable surface profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> <tr> <td>Min. Bending Diameter</td> <td>600mm (23.6in.)</td> </tr> </table>	Name	Bendable surface profile	Material	Aluminum	Standard Length	1M (3.28ft)	Min. Bending Diameter	600mm (23.6in.)
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			<p>AC167-EP</p> <table border="1"> <tr> <td>Name</td> <td>Straight recessed profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Straight recessed profile	Material	Aluminum	Standard Length	1M (3.28ft)		
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			<p>AC167-LP</p> <table border="1"> <tr> <td>Name</td> <td>Mud-in profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Mud-in profile	Material	Aluminum	Standard Length	1M (3.28ft)		
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			<p>AC167-BA</p> <table border="1"> <tr> <td>Name</td> <td>Light-block profile</td> </tr> <tr> <td>Material</td> <td>Aluminum</td> </tr> <tr> <td>Standard Length</td> <td>1M (3.28ft)</td> </tr> </table>	Name	Light-block profile	Material	Aluminum	Standard Length	1M (3.28ft)		
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Material	Aluminum										
Standard Length	1M (3.28ft)										

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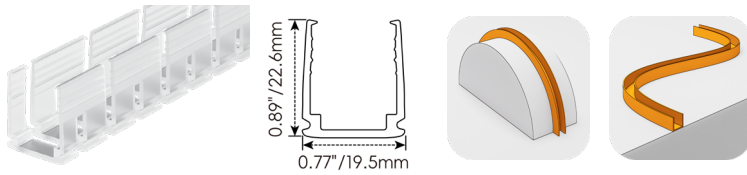
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AC167-PC

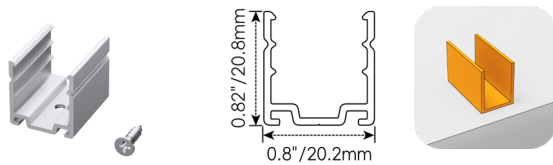
Name	PC profile
Material	Polycarbonate
Standard Length	1M (3.28ft)



AC167-CPC

Name	Bendable PC profile
Material	Polycarbonate
Standard Length	1M (3.28ft)
Min. Bending Diameter	300mm (11.8in.)

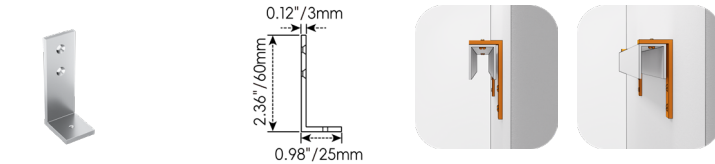
Clip Options



AC167-MC

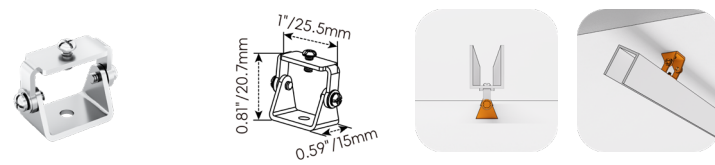
Name	Mounting clip
Material	Aluminum
Standard Length	25mm (0.98in.)

Bracket Options



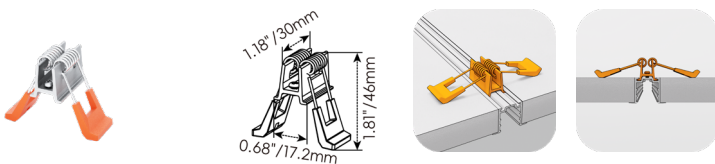
AC167-SET-LA

Name	L-shaped mounting bracket
Material	Aluminum
Standard Length	20mm (0.79in.)
* AC167-SET-LA must be installed with AC167-AP	



AC167-AMB

Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	25.5mm (1 in.)
* AC167-AMB must be installed with AC167-AP	



AC167-SET-LC

Name	Spring clip
Standard Pkg	1pcs
* AC167-SET-LC must be installed with AC167-EP	

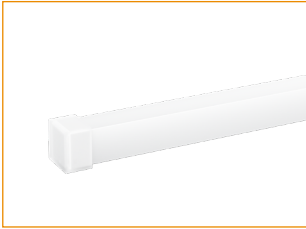
Tool Options



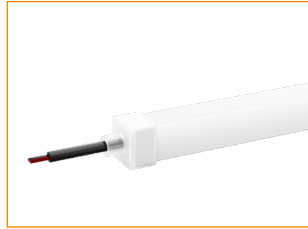
IF-167

Name	Fixture
Material	Resin
Standard Pkg	1pcs
* Insertion Fixture for AC167-CPC	

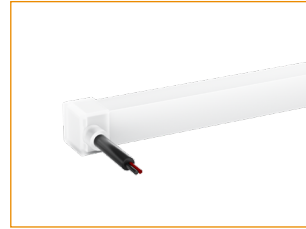
Silicone End Caps (Optional, purchase for extra)



AC167-EC
Silicone closed end cap



AC167-EC2-F
Silicone end cap front entry with 30cm (0.98ft) cable, 2 pin



AC167-EC2-S
Silicone end cap side entry with 30cm (0.98ft) cable, 2 pin



AC167-EC2-B
Silicone end cap bottom entry with 30cm (0.98ft) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



AD007-2-MCW
Male connector, 30cm (0.98ft) UL white cable, 2 pin, IP67, Wet, 18 AWG



AD007-2-FCW
Female connector, 30cm (0.98ft) UL white cable, 2 pin, IP67, Wet, 18 AWG



AD007-2-MCB
Male connector, 30cm (0.98ft) black cable, 2 pin, IP67, Wet, 18 AWG



AD007-2-FCB
Female connector, 30cm (0.98ft) black cable, 2 pin, IP67, Wet, 18 AWG



AF001-1
1 Adjustable angle scissors set, with 4 spare blades

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Drivers

Non-dimmable

Code	Max Load	Input	Output	Environment	Size (L x W x H)
XLG-150-24-A	150W	100-305VAC	24V	Dry/Damp/IP67	180 * 63 * 35.5 mm
LPV-150-24	150W	180-305VAC	24V	Dry/Damp/IP67	148 * 40 * 30 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	99 * 97 * 30 mm

3 in 1-dimmable

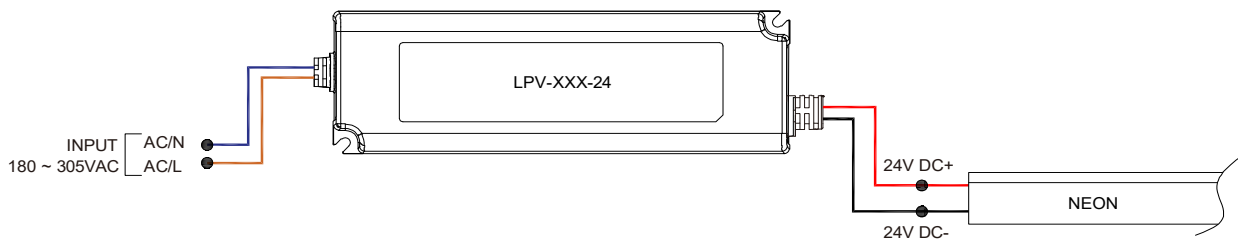
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
PWM-120-24	120W	90-305VAC	24V	Dry/Damp/IP67	191 * 63 * 37.5 mm

DALI-dimmable

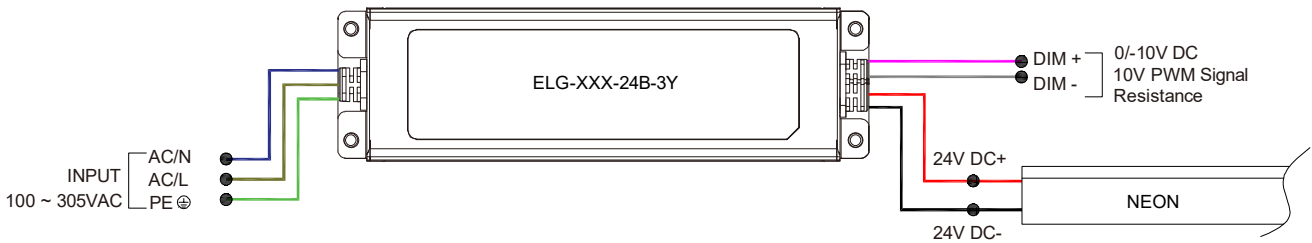
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

Wiring Diagram

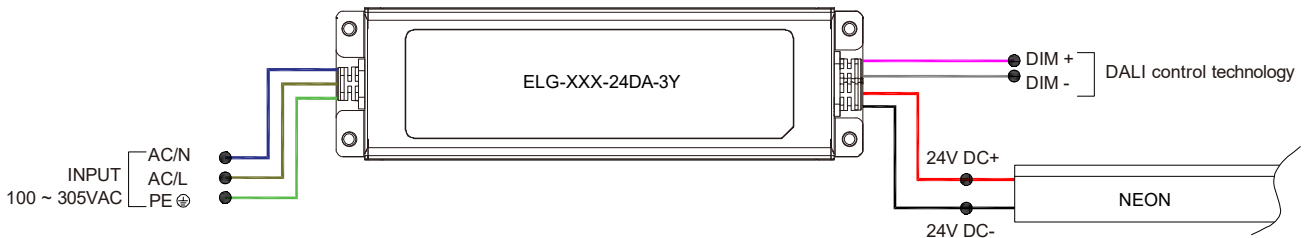
Non-dimmable



3 in 1-dimmable



DALI-dimmable



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m