

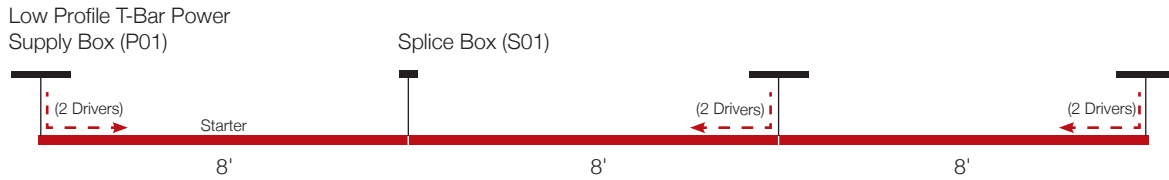
E2 Linear & Configuration Electrical Box Specifications Guide



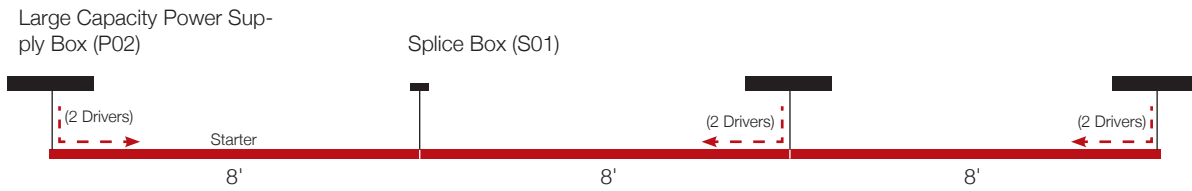
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Linear Standard Options

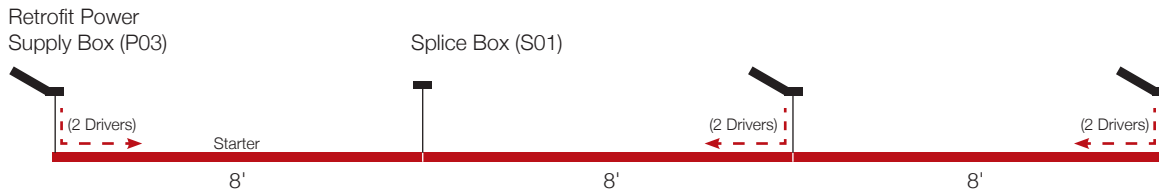
A. 24' run with Low Profile T-Bar Power Supply Boxes (P01). **Two drivers** in each box. T-Bar ceiling.



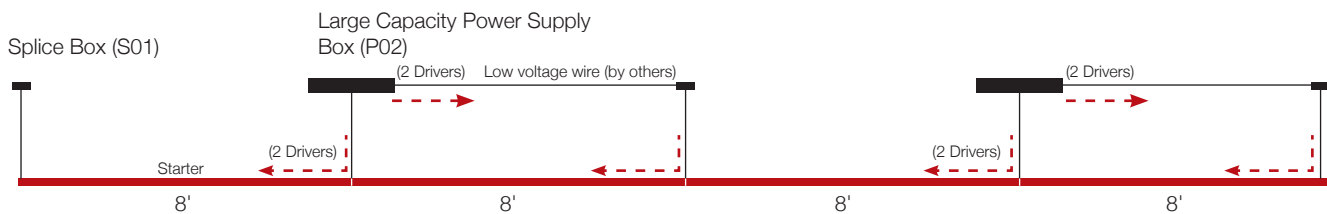
B. 24' run with Large Capacity Power Supply Boxes (P02). **Two drivers** in each box. Drywall or T-Bar ceiling.



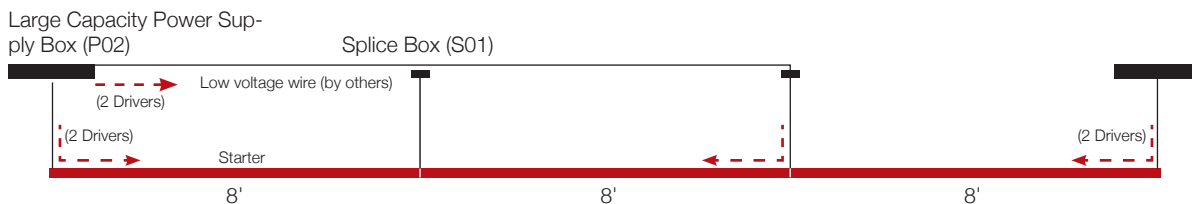
C. 24' run with Retrofit Power Supply Boxes (P03). **Two drivers** in each box. Boxes installed from below ceiling.



D. 32' run with Large Capacity Power Supply Boxes (P02). **Four drivers** in each box. Drywall or T-Bar ceiling.



E. 24' run with Large Capacity Power Supply Boxes (P02). **Four drivers** and **Two drivers** in separate power supply box. Low voltage connection between P02 and Splice Box. Drywall or T-Bar ceiling.



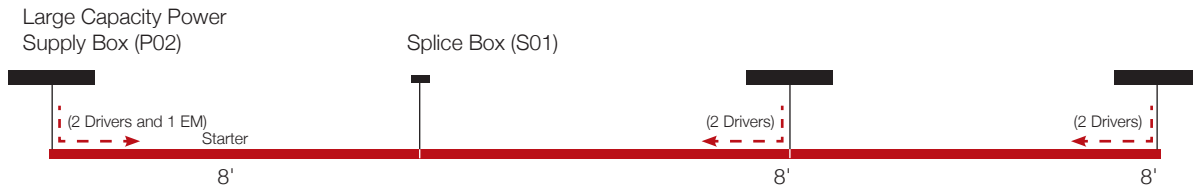
E2 Linear & Configuration Electrical Box Specifications Guide



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Linear Emergency Battery Backup Options

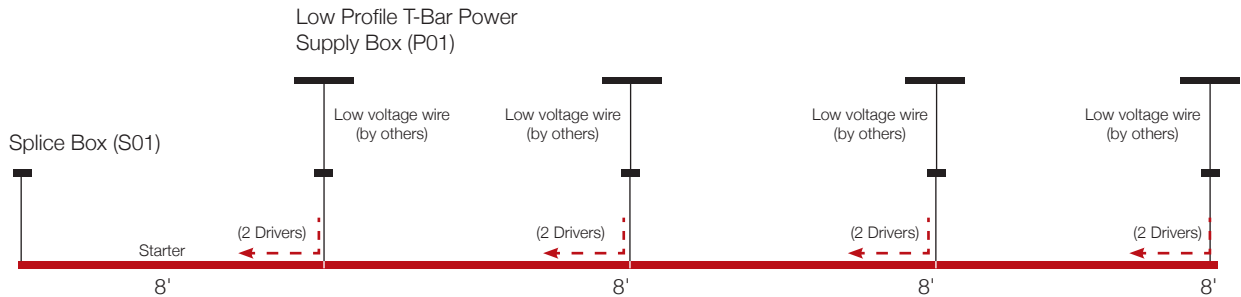
- F.** 24' run with Large Capacity Power Supply Boxes (P02). **Two drivers** and **one battery backup*** in first box. Drywall or T-Bar ceiling.



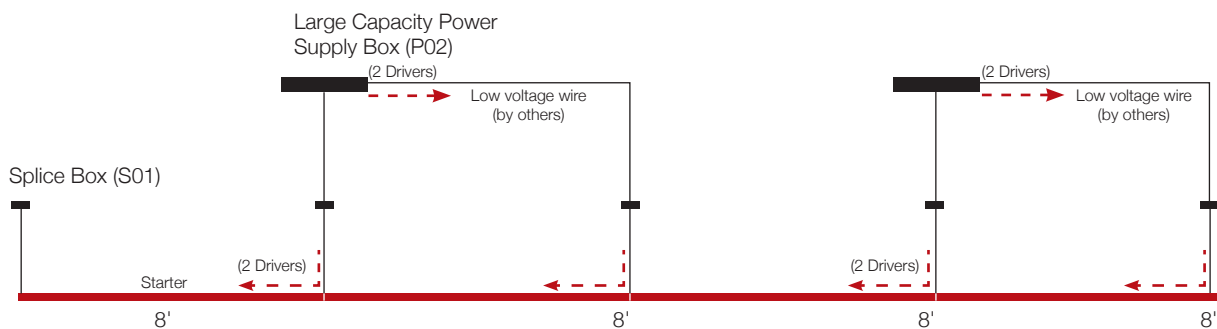
* **Note:** Standard battery backup section is for 4ft. downlight only.

Linear Remote Driver Options

- G.** 32' run with Low Profile T-Bar Power Supply Boxes (P01). **Two drivers** in each box. T-Bar ceiling.



- H.** 32' run with Large Capacity Power Supply Boxes (P02). **Four drivers** in each box. Drywall or T-Bar ceiling.



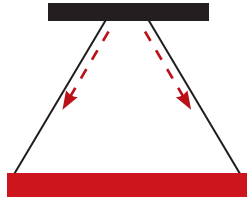
E2 Linear & Configuration Electrical Box Specifications Guide



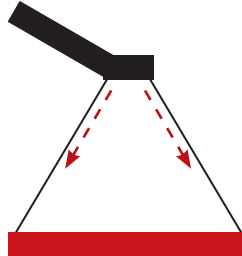
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Configuration Standard Options

Low Profile T-Bar Power Supply Boxes (P01)
(T-Bar Ceiling)
(Max 2 Drivers)
1'x2', 1'x8'¹, 2'x2'



Retrofit Power Supply Boxes (P03)
(Drywall or T-Bar Ceiling)
(Max 2 Drivers)
1'x2', 2'x2'



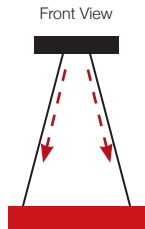
Large Capacity Power Supply Boxes (P02)
(Drywall or T-Bar Ceiling)
(Max 4 or 2 Drivers & 1 EM)
1'x2', 1'x4', 1'x8'¹, 2'x2', 2'x3', 2'x4', 3'x3', 3'x4', 4'x4'



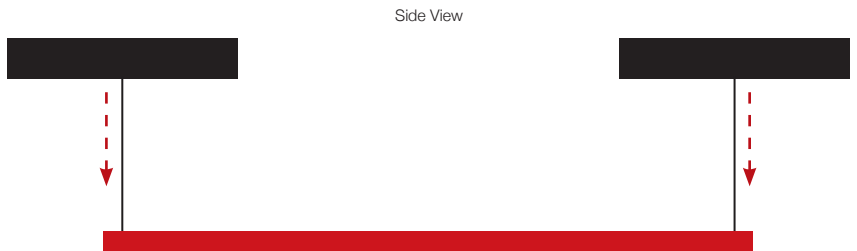
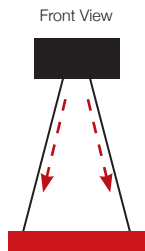
Configuration 1'x8'¹ Options

The E2 1'x8'¹ is installed using two power supply boxes (one at each end and directly above the luminaire).

Low Profile T-Bar Power Supply Boxes (P01)
(T-Bar Ceiling)
(Max 2 Drivers per box)
1'x8' Only



Large Capacity Power Supply Boxes (P02)
(Drywall or T-Bar Ceiling)
(Max 4 or 2 Drivers & 1 EM per box)
1'x8' Only



¹ 1'x8' is installed using two power supply boxes (one at each end of the luminaire).



E2 Linear & Configuration Electrical Box Specifications Guide

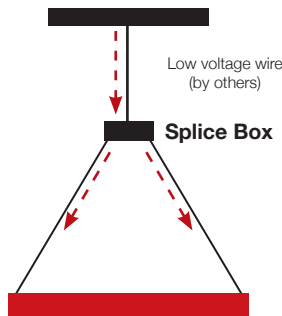


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Configuration Remote Driver Options

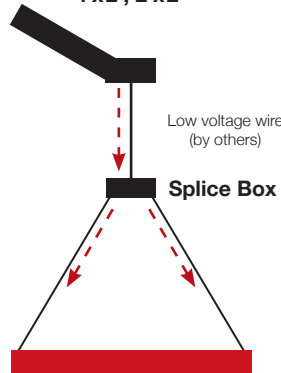
Low Profile T-Bar Power Supply Boxes (P01) (T-Bar Ceiling)

(Max 2 Drivers)
1'x2', 1'x8'¹, 2'x2'



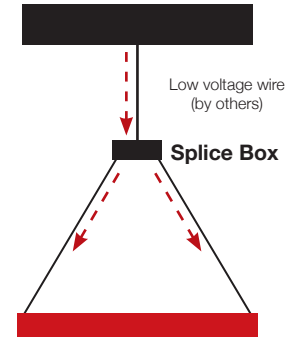
Retrofit Power Supply Boxes (P03) (Drywall or T-Bar Ceiling)

(Max 2 Drivers)
1'x2', 2'x2'



Large Capacity Power Supply Boxes (P02) (Drywall or T-Bar Ceiling)

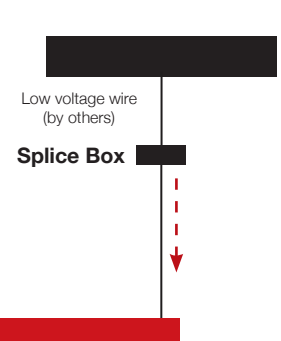
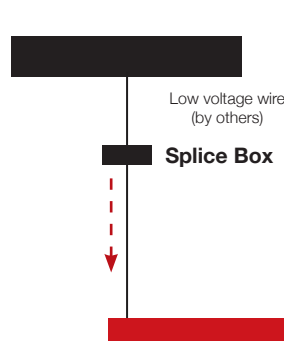
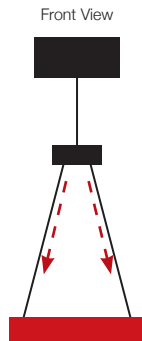
(Max 4 or 2 Drivers & 1 EM)
1'x2', 1'x4', 1'x8'¹, 2'x2',
2'x3', 2'x4', 3'x3', 3'x4', 4'x4'



Configuration 1'x8'¹ Remote Driver Options

Large Capacity Power Supply Boxes (P02) (Drywall or T-Bar Ceiling)

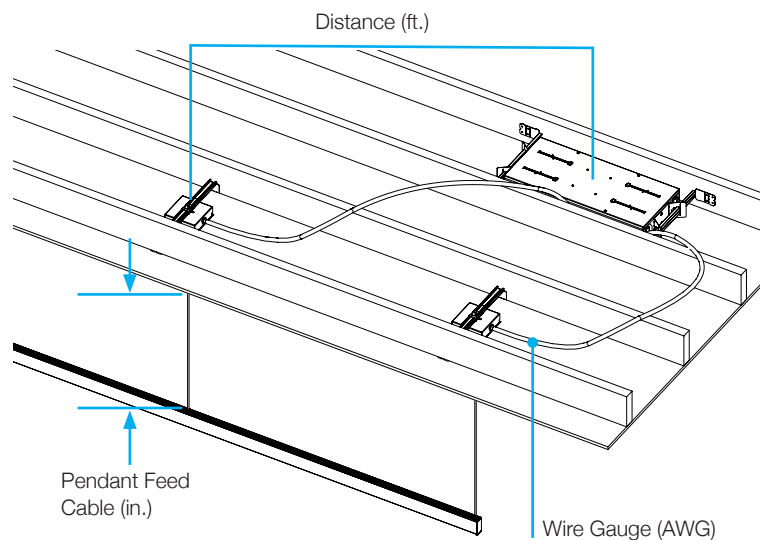
(Max 4 or 2 Drivers & 1 EM per box)
1'x8' Only



Wire Gauge Length Table

To reduce EMI, use shortest length wires appropriate for your application, and shielded wire or metallic conduit.

Wire Gauge (AWG) ²	Distance (ft.) ³	Pendant Feed Cable (in.)
12	85	50
	81	100
	77	150
14	52	50
	47	100
	43	150
18	17	50
	13	100
	9	150



¹ 1'x8' is installed using two power supply boxes (one at each end of the luminaire).

² Wire gauge for minimum loss from power box to non-power box.

³ Power box to non-power box.

