

TECHNICAL GUIDE

Model: **VARIOUS**
 Fixture Family: **VARIOUS**
 Document Description: Wiring Length Reference for Luminaires with Remote Mount Drivers (RMD)

VISA LIGHTING
 AN OLDENBURG GROUP COMPANY
 1717 West Civic Drive Milwaukee, WI 53209
 414-354-6600
 Design Modification Rights Reserved
 © Visa Lighting 2016

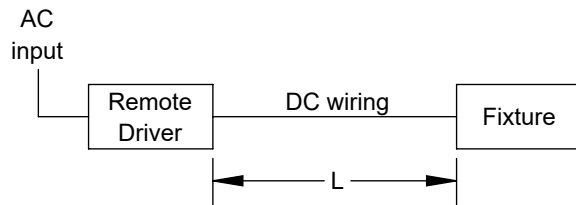


Table 1: Non-Pendant Fixtures with white-light sources

AC Input Power (W)	Maximum Length (ft) from RMD to Fixture			
	18AWG	16AWG	14AWG	12AWG
10	100	100	100	100
20	100	100	100	100
30	100	100	100	100
40	100	100	100	100
50	85	100	100	100
60	70	100	100	100
70	60	95	100	100
80	50	85	100	100
90	45	75	100	100
100	40	65	100	100

Table 2: Non-Pendant Fixtures with RGB/RGBW sources

AC Input Power (W)	Maximum Length (ft) from RMD to Fixture			
	18AWG	16AWG	14AWG	12AWG
10	100	100	100	100
20	100	100	100	100
30	65	100	100	100
40	50	80	100	100
50	40	65	100	100
60	30	50	85	100
70	25	45	70	100
80	25	40	60	100
90	20	35	55	90
100	20	30	50	80

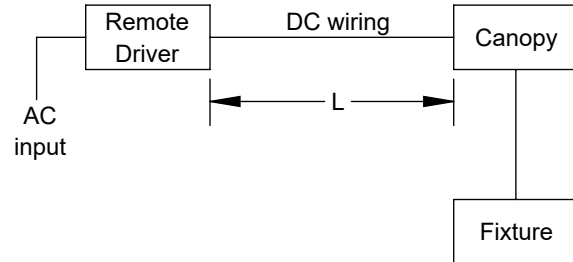


Table 3: Pendant Fixtures with white-light sources
 Up to 12ft suspension from fixture to canopy (note 6)

AC Input Power (W)	Maximum Length (ft) from RMD to Canopy			
	18AWG	16AWG	14AWG	12AWG
10	85	85	85	85
20	85	85	85	85
30	85	85	85	85
40	75	85	85	85
50	55	85	85	85
60	40	65	85	85
70	30	50	80	85
80	25	35	60	85
90	15	30	45	75
100	10	20	35	55

Table 4: Pendant Fixtures with RGB/RGBW sources
 Up to 12ft suspension from fixture to canopy (note 6)

AC Input Power (W)	Maximum Length (ft) from RMD to Canopy			
	18AWG	16AWG	14AWG	12AWG
10	85	85	85	85
20	70	85	85	85
30	35	60	85	85
40	20	30	55	85
50	10	15	25	45
60	--	5	10	15

Notes:

- These tables are specific to Visa Lighting products.
- Wiring lengths are capped at 100 ft to minimize possibility of electrical interference and/or wiring capacitance issues.
- For fixtures with multiple functions or circuits, use the function with the highest input power to determine wiring length limits.
- For fixtures with both white-light and RGB or RGBW sources, use the lower of the two wiring lengths.
- Values in these tables are conservative. Contact Visa Lighting or a qualified electrical professional for more detailed calculations if needed.
- Contact Visa Lighting for guidance if longer suspension lengths are required.

Drawing: 762389XX

Rev: A

Sheet: 1 of 1

Eng: CMG

Date Drawn: 9/30/2025