

# POWER CONSUMPTION TABLE OF LED STRIP

## CHOOSE THE APPROPRIATE DALI DIMMABLE DRIVER

### Power consumption of LED strips (W)

| LED strip runs | 4.8 W/m | 7.2 W/m | 9.6 W/m | 10 W/m | 12 W/m | 14.4 W/m | 17.8 W/m | 19.2 W/m | 24 W/m | 26 W/m | 28.8 W/m |
|----------------|---------|---------|---------|--------|--------|----------|----------|----------|--------|--------|----------|
| 0.5 (m)        | 2.6W    | 4.0W    | 5.3W    | 5.5W   | 6.6W   | 7.9W     | 9.8W     | 10.6W    | 13.2W  | 14.3W  | 15.8W    |
| 1 (m)          | 5.3W    | 7.9W    | 10.6W   | 11.0W  | 13.2W  | 15.8W    | 19.6W    | 21.1W    | 26.4W  | 28.6W  | 31.7W    |
| 1.5 (m)        | 7.9W    | 11.9W   | 15.8W   | 16.5W  | 19.8W  | 23.8W    | 29.4W    | 31.7W    | 39.6W  | 42.9W  | 47.5W    |
| 2 (m)          | 10.6W   | 15.8W   | 21.1W   | 22.0W  | 26.4W  | 31.7W    | 39.2W    | 42.2W    | 52.8W  | 57.2W  | 63.4W    |
| 2.5 (m)        | 13.2W   | 19.8W   | 26.4W   | 27.5W  | 33.0W  | 39.6W    | 49.0W    | 52.8W    | 66.0W  | 71.5W  | 79.2W    |
| 3 (m)          | 15.8W   | 23.8W   | 31.7W   | 33.0W  | 39.6W  | 47.5W    | 58.7W    | 63.4W    | 79.2W  | 85.8W  | 95.0W    |
| 3.5 (m)        | 18.5W   | 27.7W   | 37.0W   | 38.5W  | 46.2W  | 55.4W    | 68.5W    | 73.9W    | 92.4W  | 100.1W | 110.9W   |
| 4 (m)          | 21.1W   | 31.7W   | 42.2W   | 44.0W  | 52.8W  | 63.4W    | 78.3W    | 84.5W    | 105.6W | 114.4W | 126.7W   |
| 4.5 (m)        | 23.8W   | 35.6W   | 47.5W   | 49.5W  | 59.4W  | 71.3W    | 88.1W    | 95.0W    | 118.8W | 128.7W | 142.6W   |
| 5 (m)          | 26.4W   | 39.6W   | 52.8W   | 55.0W  | 66.0W  | 79.2W    | 97.9W    | 105.6W   | 132.0W | 143.0W | 158.4W   |
| 5.5 (m)        | 29.0W   | 43.6W   | 58.1W   | 60.5W  | 72.6W  | 87.1W    | 107.7W   | 116.2W   | 145.2W | 157.3W | 174.2W   |
| 6 (m)          | 31.7W   | 47.5W   | 63.4W   | 66.0W  | 79.2W  | 95.0W    | 117.5W   | 126.7W   | 158.4W | 171.6W | 190.1W   |
| 6.5 (m)        | 34.3W   | 51.5W   | 68.6W   | 71.5W  | 85.8W  | 103.0W   | 127.3W   | 137.3W   | 171.6W | 185.9W | 205.9W   |
| 7 (m)          | 37.0W   | 55.4W   | 73.9W   | 77.0W  | 92.4W  | 110.9W   | 137.1W   | 147.8W   | 184.8W | 200.2W | 221.8W   |
| 7.5 (m)        | 39.6W   | 59.4W   | 79.2W   | 82.5W  | 99.0W  | 118.8W   | 146.9W   | 158.4W   | 198.0W | 214.5W | 237.6W   |
| 8 (m)          | 42.2W   | 63.4W   | 84.5W   | 88.0W  | 105.6W | 126.7W   | 156.6W   | 169.0W   | 211.2W | 228.8W | 253.4W   |
| 8.5 (m)        | 44.9W   | 67.3W   | 89.8W   | 93.5W  | 112.2W | 134.6W   | 166.4W   | 179.5W   | 224.4W | 243.1W | 269.3W   |
| 9 (m)          | 47.5W   | 71.3W   | 95.0W   | 99.0W  | 118.8W | 142.6W   | 176.2W   | 190.1W   | 237.6W | 257.4W | 285.1W   |
| 9.5 (m)        | 50.2W   | 75.2W   | 100.3W  | 104.5W | 125.4W | 150.5W   | 186.0W   | 200.6W   | 250.8W | 271.7W | 301.0W   |
| 10 (m)         | 52.8W   | 79.2W   | 105.6W  | 110.0W | 132.0W | 158.4W   | 195.8W   | 211.2W   | 264.0W | 286.0W | 316.8W   |
| 10.5 (m)       | 55.4W   | 83.2W   | 110.9W  | 115.5W | 138.6W | 166.3W   | 205.6W   | 221.8W   | 277.2W | 300.3W | 332.6W   |
| 11 (m)         | 58.1W   | 87.1W   | 116.2W  | 121.0W | 145.2W | 174.2W   | 215.4W   | 232.3W   | 290.4W | 314.6W | 348.5W   |
| 11.5 (m)       | 60.7W   | 91.1W   | 121.4W  | 126.5W | 151.8W | 182.2W   | 225.2W   | 242.9W   | 303.6W | 328.9W | 364.3W   |
| 12 (m)         | 63.4W   | 95.0W   | 126.7W  | 132.0W | 158.4W | 190.1W   | 235.0W   | 253.4W   | 316.8W | 343.2W | 380.2W   |
| 12.5 (m)       | 66.0W   | 99.0W   | 132.0W  | 137.5W | 165.0W | 198.0W   | 244.8W   | 264.0W   | 330.0W | 357.5W | 396.0W   |
| 13 (m)         | 68.6W   | 103.0W  | 137.3W  | 143.0W | 171.6W | 205.9W   | 254.5W   | 274.6W   | 343.2W | 371.8W | 411.8W   |
| 13.5 (m)       | 71.3W   | 106.9W  | 142.6W  | 148.5W | 178.2W | 213.8W   | 264.3W   | 285.1W   | 356.4W | 386.1W | 427.7W   |
| 14 (m)         | 73.9W   | 110.9W  | 147.8W  | 154.0W | 184.8W | 221.8W   | 274.1W   | 295.7W   | 369.6W | 400.4W | 443.5W   |
| 14.5 (m)       | 76.6W   | 114.8W  | 153.1W  | 159.5W | 191.4W | 229.7W   | 283.9W   | 306.2W   | 382.8W | 414.7W | 459.4W   |
| 15 (m)         | 79.2W   | 118.8W  | 158.4W  | 165.0W | 198.0W | 237.6W   | 293.7W   | 316.8W   | 396.0W | 429.0W | 475.2W   |


Recommended constant voltage DALI dimmable drivers

  
LDDA-IP60/24

  
LDDA-IP100/24

  
LDDA-IP150/24

  
LDDA-IP200/24

  
LDDA-IP300/24