

Project Name

Qty

Catalog / Part Number

## LRFA-I | Luci RIMiT flex alpha Indoor

Color management  
MacAdam



L90>B10  
50K

1 years  
warranty

FLEXIBLE



Model No. (Open end)

LRFA - T□□□□ - □ - □ - DF - I - □

Model No. (Connector)

LRFA - T□□□□ - □ - □ - DF - I - □ (C)

| Product Name | Length                 | Lead wire                    | Light source color                                                                | Tube type     | Environment | Wattage                      | Connector       |
|--------------|------------------------|------------------------------|-----------------------------------------------------------------------------------|---------------|-------------|------------------------------|-----------------|
| LRFA         | Custom<br>order length | W : Both ends<br>S : One end | N : 5000K<br>W : 4000K<br>WW : 3500K<br>L30 : 3000K<br>L27 : 2700K<br>L24 : 2400K | DF : Diffuser | I : Indoor  | 9 : 9.7 W/m<br>15 : 15.3 W/m | (C) : Connector |

### Specification

|                                  |       |               |       |                       |      |
|----------------------------------|-------|---------------|-------|-----------------------|------|
| Wattage (W/m)                    |       |               |       | 9.7                   | 15.3 |
| Weight                           |       |               |       | 67 g / 1012mm         |      |
| Luminaire efficacy (lm/W) @2700K |       |               |       | 59                    | 54.2 |
| Lumen output                     |       |               |       |                       |      |
| Light source color (Code)        |       |               |       |                       |      |
|                                  |       | Delivered CCT | CRI   | Luminaire flux (lm/m) |      |
| N                                | 5000K | 4600K         | Ra 93 | 639                   | 964  |
| W                                | 4000K | 3600K         | Ra 92 | 636                   | 954  |
| WW                               | 3500K | 3500K         | Ra 92 | 617                   | 912  |
| L30                              | 3000K | 3000K         | Ra 91 | 591                   | 875  |
| L27                              | 2700K | 2700K         | Ra 91 | 572                   | 830  |
| L24                              | 2400K | 2400K         | Ra 91 | 517                   | 779  |

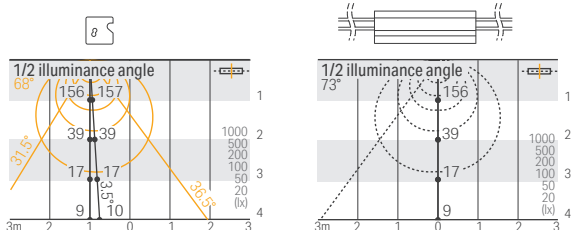
### General Specification

|                         |                                            |
|-------------------------|--------------------------------------------|
| Input voltage           | DC24V                                      |
| Environment             | Indoor (no condensation)                   |
| Max. length Per circuit | 4m                                         |
| Min. bending range      | R150mm                                     |
| Material (body)         | Silicone                                   |
| Certification           | CE                                         |
| Dimmable                | Yes (0-10V/1-10V, DMX, DALI, PWM, Casambi) |

### Light Intensity

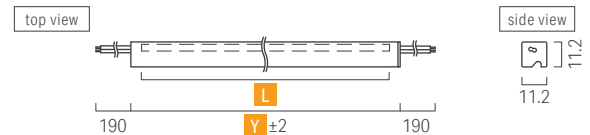
LRFA-T1000□-L27-DF-□-9

Light source color 2700K Luminous flux 572 lm  
Brightness 156 cd CRI Ra 91

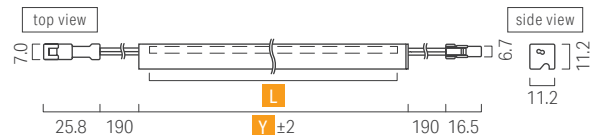


### External dimensions

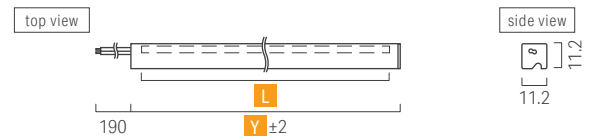
Both ends lead wire, Open end



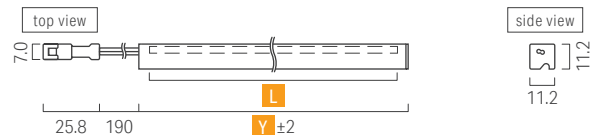
Both ends lead wire, Connector



One end lead wire, Open end

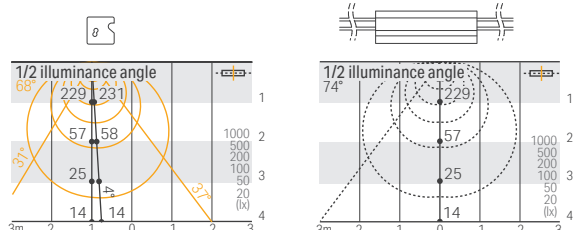


One end lead wire, Connector



LRFA-T1000□-L27-DF-□-15

Light source color 2700K Luminous flux 830 lm  
Brightness 229 cd CRI Ra 91



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10.Sep.2026

## Custom order length

| Length | length<br>(mm) <b>L</b> | Fitting length<br>(mm) <b>Y</b> | Wattage<br>(W) |      | Length | length<br>(mm) <b>L</b> | Fitting length<br>(mm) <b>Y</b> | Wattage<br>(W) |      | Length | length<br>(mm) <b>L</b> | Fitting length<br>(mm) <b>Y</b> | Wattage<br>(W) |      |
|--------|-------------------------|---------------------------------|----------------|------|--------|-------------------------|---------------------------------|----------------|------|--------|-------------------------|---------------------------------|----------------|------|
|        |                         |                                 | 9W             | 15W  |        |                         |                                 | 9W             | 15W  |        |                         |                                 | 9W             | 15W  |
| 0025   | 25                      | 37                              | 0.2            | 0.4  | 1425   | 1425                    | 1438                            | 13.8           | 21.8 | 2825   | 2825                    | 2839                            | 27.3           | 43.3 |
| 0050   | 50                      | 62                              | 0.5            | 0.8  | 1450   | 1450                    | 1463                            | 14.0           | 22.2 | 2850   | 2850                    | 2864                            | 27.6           | 43.7 |
| 0075   | 75                      | 87                              | 0.7            | 1.1  | 1475   | 1475                    | 1488                            | 14.3           | 22.6 | 2875   | 2875                    | 2889                            | 27.8           | 44.0 |
| 0100   | 100                     | 112                             | 1.0            | 1.5  | 1500   | 1500                    | 1513                            | 14.5           | 23.0 | 2900   | 2900                    | 2914                            | 28.1           | 44.4 |
| 0125   | 125                     | 137                             | 1.2            | 1.9  | 1525   | 1525                    | 1538                            | 14.8           | 23.4 | 2925   | 2925                    | 2939                            | 28.3           | 44.8 |
| 0150   | 150                     | 162                             | 1.5            | 2.3  | 1550   | 1550                    | 1563                            | 15.0           | 23.7 | 2950   | 2950                    | 2964                            | 28.6           | 45.2 |
| 0175   | 175                     | 187                             | 1.7            | 2.7  | 1575   | 1575                    | 1588                            | 15.2           | 24.1 | 2975   | 2975                    | 2989                            | 28.8           | 45.6 |
| 0200   | 200                     | 212                             | 1.9            | 3.1  | 1600   | 1600                    | 1613                            | 15.5           | 24.5 | 3000   | 3000                    | 3014                            | 29.0           | 46.0 |
| 0225   | 225                     | 237                             | 2.2            | 3.4  | 1625   | 1625                    | 1638                            | 15.7           | 24.9 | 3025   | 3025                    | 3040                            | 29.3           | 46.3 |
| 0250   | 250                     | 262                             | 2.4            | 3.8  | 1650   | 1650                    | 1663                            | 16.0           | 25.3 | 3050   | 3050                    | 3065                            | 29.5           | 46.7 |
| 0275   | 275                     | 287                             | 2.7            | 4.2  | 1675   | 1675                    | 1688                            | 16.2           | 25.7 | 3075   | 3075                    | 3090                            | 29.8           | 47.1 |
| 0300   | 300                     | 312                             | 2.9            | 4.6  | 1700   | 1700                    | 1713                            | 16.5           | 26.0 | 3100   | 3100                    | 3115                            | 30.0           | 47.5 |
| 0325   | 325                     | 337                             | 3.1            | 5.0  | 1725   | 1725                    | 1738                            | 16.7           | 26.4 | 3125   | 3125                    | 3140                            | 30.3           | 47.9 |
| 0350   | 350                     | 362                             | 3.4            | 5.4  | 1750   | 1750                    | 1763                            | 16.9           | 26.8 | 3150   | 3150                    | 3165                            | 30.5           | 48.3 |
| 0375   | 375                     | 387                             | 3.6            | 5.7  | 1775   | 1775                    | 1788                            | 17.2           | 27.2 | 3175   | 3175                    | 3190                            | 30.7           | 48.6 |
| 0400   | 400                     | 412                             | 3.9            | 6.1  | 1800   | 1800                    | 1813                            | 17.4           | 27.6 | 3200   | 3200                    | 3215                            | 31.0           | 49.0 |
| 0425   | 425                     | 437                             | 4.1            | 6.5  | 1825   | 1825                    | 1838                            | 17.7           | 28.0 | 3225   | 3225                    | 3240                            | 31.2           | 49.4 |
| 0450   | 450                     | 462                             | 4.4            | 6.9  | 1850   | 1850                    | 1863                            | 17.9           | 28.3 | 3250   | 3250                    | 3265                            | 31.5           | 49.8 |
| 0475   | 475                     | 487                             | 4.6            | 7.3  | 1875   | 1875                    | 1888                            | 18.2           | 28.7 | 3275   | 3275                    | 3290                            | 31.7           | 50.2 |
| 0500   | 500                     | 512                             | 4.8            | 7.7  | 1900   | 1900                    | 1913                            | 18.4           | 29.1 | 3300   | 3300                    | 3315                            | 31.9           | 50.6 |
| 0525   | 525                     | 537                             | 5.1            | 8.0  | 1925   | 1925                    | 1938                            | 18.6           | 29.5 | 3325   | 3325                    | 3340                            | 32.2           | 50.9 |
| 0550   | 550                     | 562                             | 5.3            | 8.4  | 1950   | 1950                    | 1963                            | 18.9           | 29.9 | 3350   | 3350                    | 3365                            | 32.4           | 51.3 |
| 0575   | 575                     | 587                             | 5.6            | 8.8  | 1975   | 1975                    | 1988                            | 19.1           | 30.3 | 3375   | 3375                    | 3390                            | 32.7           | 51.7 |
| 0600   | 600                     | 612                             | 5.8            | 9.2  | 2000   | 2000                    | 2013                            | 19.4           | 30.6 | 3400   | 3400                    | 3415                            | 32.9           | 52.1 |
| 0625   | 625                     | 637                             | 6.1            | 9.6  | 2025   | 2025                    | 2039                            | 19.6           | 31.0 | 3425   | 3425                    | 3440                            | 33.2           | 52.5 |
| 0650   | 650                     | 662                             | 6.3            | 10.0 | 2050   | 2050                    | 2064                            | 19.8           | 31.4 | 3450   | 3450                    | 3465                            | 33.4           | 52.9 |
| 0675   | 675                     | 687                             | 6.5            | 10.3 | 2075   | 2075                    | 2089                            | 20.1           | 31.8 | 3475   | 3475                    | 3490                            | 33.6           | 53.2 |
| 0700   | 700                     | 712                             | 6.8            | 10.7 | 2100   | 2100                    | 2114                            | 20.3           | 32.2 | 3500   | 3500                    | 3515                            | 33.9           | 53.6 |
| 0725   | 725                     | 737                             | 7.0            | 11.1 | 2125   | 2125                    | 2139                            | 20.6           | 32.6 | 3525   | 3525                    | 3540                            | 34.1           | 54.0 |
| 0750   | 750                     | 762                             | 7.3            | 11.5 | 2150   | 2150                    | 2164                            | 20.8           | 32.9 | 3550   | 3550                    | 3565                            | 34.4           | 54.4 |
| 0775   | 775                     | 787                             | 7.5            | 11.9 | 2175   | 2175                    | 2189                            | 21.1           | 33.3 | 3575   | 3575                    | 3590                            | 34.6           | 54.8 |
| 0800   | 800                     | 812                             | 7.7            | 12.3 | 2200   | 2200                    | 2214                            | 21.3           | 33.7 | 3600   | 3600                    | 3615                            | 34.8           | 55.2 |
| 0825   | 825                     | 837                             | 8.0            | 12.6 | 2225   | 2225                    | 2239                            | 21.5           | 34.1 | 3625   | 3625                    | 3640                            | 35.1           | 55.5 |
| 0850   | 850                     | 862                             | 8.2            | 13.0 | 2250   | 2250                    | 2264                            | 21.8           | 34.5 | 3650   | 3650                    | 3665                            | 35.3           | 55.9 |
| 0875   | 875                     | 887                             | 8.5            | 13.4 | 2275   | 2275                    | 2289                            | 22.0           | 34.9 | 3675   | 3675                    | 3690                            | 35.6           | 56.3 |
| 0900   | 900                     | 912                             | 8.7            | 13.8 | 2300   | 2300                    | 2314                            | 22.3           | 35.2 | 3700   | 3700                    | 3715                            | 35.8           | 56.7 |
| 0925   | 925                     | 937                             | 9.0            | 14.2 | 2325   | 2325                    | 2339                            | 22.5           | 35.6 | 3725   | 3725                    | 3740                            | 36.1           | 57.1 |
| 0950   | 950                     | 962                             | 9.2            | 14.6 | 2350   | 2350                    | 2364                            | 22.7           | 36.0 | 3750   | 3750                    | 3765                            | 36.3           | 57.5 |
| 0975   | 975                     | 987                             | 9.4            | 14.9 | 2375   | 2375                    | 2389                            | 23.0           | 36.4 | 3775   | 3775                    | 3790                            | 36.5           | 57.8 |
| 1000   | 1000                    | 1012                            | 9.7            | 15.3 | 2400   | 2400                    | 2414                            | 23.2           | 36.8 | 3800   | 3800                    | 3815                            | 36.8           | 58.2 |
| 1025   | 1025                    | 1038                            | 9.9            | 15.7 | 2425   | 2425                    | 2439                            | 23.5           | 37.2 | 3825   | 3825                    | 3840                            | 37.0           | 58.6 |
| 1050   | 1050                    | 1063                            | 10.2           | 16.1 | 2450   | 2450                    | 2464                            | 23.7           | 37.5 | 3850   | 3850                    | 3865                            | 37.3           | 59.0 |
| 1075   | 1075                    | 1088                            | 10.4           | 16.5 | 2475   | 2475                    | 2489                            | 24.0           | 37.9 | 3875   | 3875                    | 3890                            | 37.5           | 59.4 |
| 1100   | 1100                    | 1113                            | 10.6           | 16.9 | 2500   | 2500                    | 2514                            | 24.2           | 38.3 | 3900   | 3900                    | 3915                            | 37.8           | 59.7 |
| 1125   | 1125                    | 1138                            | 10.9           | 17.2 | 2525   | 2525                    | 2539                            | 24.4           | 38.7 | 3925   | 3925                    | 3940                            | 38.0           | 60.1 |
| 1150   | 1150                    | 1163                            | 11.1           | 17.6 | 2550   | 2550                    | 2564                            | 24.7           | 39.1 | 3950   | 3950                    | 3965                            | 38.2           | 60.5 |
| 1175   | 1175                    | 1188                            | 11.4           | 18.0 | 2575   | 2575                    | 2589                            | 24.9           | 39.4 | 3975   | 3975                    | 3990                            | 38.5           | 60.9 |
| 1200   | 1200                    | 1213                            | 11.6           | 18.4 | 2600   | 2600                    | 2614                            | 25.2           | 39.8 | 4000   | 4000                    | 4015                            | 38.7           | 61.3 |
| 1225   | 1225                    | 1238                            | 11.9           | 18.8 | 2625   | 2625                    | 2639                            | 25.4           | 40.2 |        |                         |                                 |                |      |
| 1250   | 1250                    | 1263                            | 12.1           | 19.2 | 2650   | 2650                    | 2664                            | 25.7           | 40.6 |        |                         |                                 |                |      |
| 1275   | 1275                    | 1288                            | 12.3           | 19.5 | 2675   | 2675                    | 2689                            | 25.9           | 41.0 |        |                         |                                 |                |      |
| 1300   | 1300                    | 1313                            | 12.6           | 19.9 | 2700   | 2700                    | 2714                            | 26.1           | 41.4 |        |                         |                                 |                |      |
| 1325   | 1325                    | 1338                            | 12.8           | 20.3 | 2725   | 2725                    | 2739                            | 26.4           | 41.7 |        |                         |                                 |                |      |
| 1350   | 1350                    | 1363                            | 13.1           | 20.7 | 2750   | 2750                    | 2764                            | 26.6           | 42.1 |        |                         |                                 |                |      |
| 1375   | 1375                    | 1388                            | 13.3           | 21.1 | 2775   | 2775                    | 2789                            | 26.9           | 42.5 |        |                         |                                 |                |      |
| 1400   | 1400                    | 1413                            | 13.6           | 21.4 | 2800   | 2800                    | 2814                            | 27.1           | 42.9 |        |                         |                                 |                |      |



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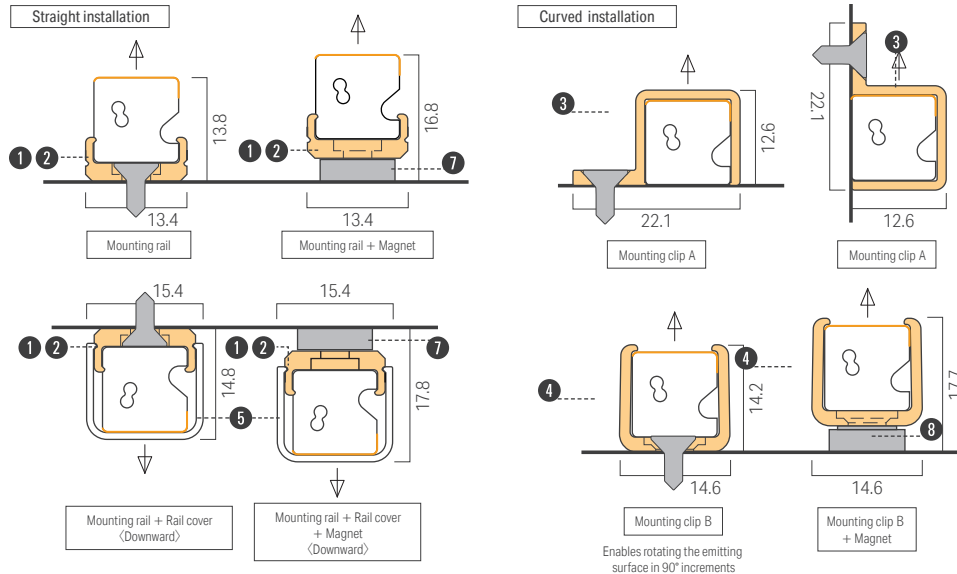
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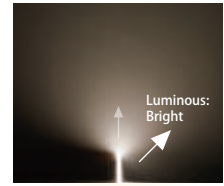
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# Cross sectional view with accessories



# Mounting Orientation

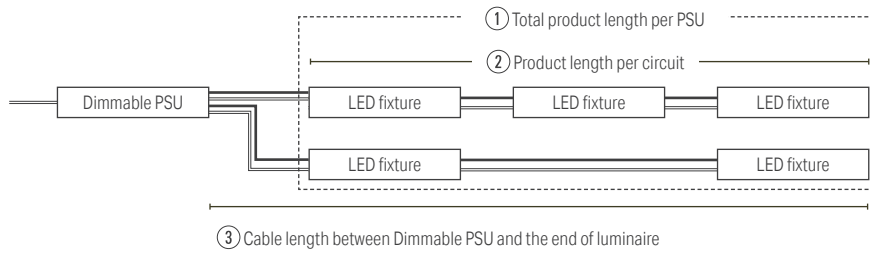


When connecting luminaires, please install and attach them with the concave shape on the side facing the same direction.

# Accessories

|                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Straight installation</b><br/>&lt;9W&gt;</p> <p><b>1</b> Mounting rail 1000 for RIMiT flex<br/>Model No : LRF-RL1000<br/>980mm<br/>For straight installation<br/><b>Please use the aluminum mounting rail 1000, LRF-RL1000-AL, for the installation of RIMiT flex 15W.</b></p> <p>Magnet mounting available</p> <p><b>7</b> Magnet set A</p> | <p><b>Straight installation</b><br/>&lt;9W, 15W&gt;</p> <p><b>2</b> Aluminium mounting rail 1000 for RIMiT flex<br/>Model No : LRF-RL1000-AL<br/>980mm<br/>For straight installation<br/><b>Please use the aluminum mounting rail 1000, LRF-RL1000-AL, for the installation of RIMiT flex 15W.</b></p> <p>Magnet mounting available</p> <p><b>7</b> Magnet set A</p> |
| <p><b>Straight, Curved installation</b><br/>&lt;9W, 15W&gt;</p> <p><b>3</b> Mounting clip A for RIMiT flex alpha<br/>Model No : LRFA-PT-A<br/>5pcs/1bag<br/>For straight and curved installation<br/>Magnet installation not supported</p>                                                                                                         | <p><b>Straight, Curved installation</b><br/>&lt;9W, 15W&gt;</p> <p><b>4</b> Mounting clip B for RIMiT flex alpha<br/>Model No : LRFA-PT-B<br/>5pcs/1bag<br/>For straight and curved installation<br/>Magnet installation not supported</p>                                                                                                                           |
| <p><b>for rail</b><br/>&lt;9W, 15W&gt;</p> <p><b>5</b> Rail cover for RIMiT flex alpha<br/>Model No : LRFA-C1000<br/>Fixing the luminaire to the mounting rail<br/>Corresponding rail: <b>1</b> Mounting rail, <b>2</b> Aluminium mounting rail</p>                                                                                                | <p><b>for end of LED fixture</b><br/>&lt;9W, 15W&gt;</p> <p><b>6</b> Outercap B for RIMiT flex alpha <b>Attachment</b><br/>Model No : LRF-APT-C<br/>1pc/1bag<br/>1pc per 1 open-ended fixture<br/>For sealing the open end of LED fixture after cutting</p>                                                                                                          |
| <p><b>for rail</b><br/>&lt;9W, 15W&gt;</p> <p><b>7</b> Magnet set R for rail<br/>Model No : MG-R<br/>4sets / 1 bag<br/>Used for installing LED fixture on metal plate.<br/>Metal plate is required by installer.<br/>Corresponding rail: <b>1</b> Mounting rail, <b>2</b> Aluminium mounting rail</p>                                              | <p><b>for clip</b><br/>&lt;9W, 15W&gt;</p> <p><b>8</b> Magnet set A for rail<br/>Model No : MG-A<br/>5sets / 1 bag<br/>Used for installing LED fixture on metal plate.<br/>Metal plate is required by installer.<br/>Corresponding rail: <b>1</b> Mounting clip</p>                                                                                                  |
| <p><b>PSU cable</b><br/>&lt;9W, 15W&gt;</p> <p><b>9</b> Power supply cable 3M with TR connector<br/>Model No : CAD-3000-MEFE-O<br/>1 pcs per circuit for connecting the LED fixture to power supply or dimmer driver.</p>                                                                                                                          | <p><b>for cable</b></p> <p><b>10</b> Clip J for Lead Wire<br/>Model No : LRM-PT-J<br/>5pcs/1bag<br/>For securing the joining of two cables</p>                                                                                                                                                                                                                       |

## System configuration diagram



- ① Total product length per Dimmable PSU depends on capacity of the Dimmable PSU. Recommended loading factor is 70% (without dimming) or 60% (with dimming).
- ② Product length per circuit shall not exceed maximum product length per circuit. If the product length per circuit exceeds the maximum, split into multiple circuits.
- ③ To minimize voltage drop, select appropriate wire gauge/diameter and consider the cable length between Dimmable PSU and the end of luminaire referring to the following table. If longer cable distances are required, use thicker wires or reduce the loading of the LED fixtures in the circuit.

## Dimmer

| Model No.    | Size (mm) (L × W × H) |
|--------------|-----------------------|
| PX0408       | 140 × 50 × 26         |
| DALI6010     | 168 × 39 × 30         |
| DIM-S1L10V-0 | 175 × 56 × 28         |

## Dimmable PSU

| Model No.  | Size (mm) (L × W × H) |
|------------|-----------------------|
| PWM-200-24 | 195 × 68 × 39.5       |
| PWM-120-24 | 191 × 63 × 37.5       |
| PWM-90-24  | 171 × 63 × 37.5       |
| PWM-60-24  | 150 × 53 × 35         |
| PWM-40-24  | 150 × 53 × 35         |

| Dimmer & Dimmable PSU        |                  |                                   | PX0408 (8A × 4ch)-Use 1ch only                                           | PX0408 (8A × 4ch)-Use 1ch only                                              | PWM-200-24                           | PWM-120-24                          | PWM-90-24                           | PWM-60-24                           | PWM-40-24                           |
|------------------------------|------------------|-----------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                              |                  |                                   | DALI6010 (10A × 1ch)                                                     | DALI6010 (10A × 1ch)                                                        |                                      |                                     |                                     |                                     |                                     |
|                              |                  |                                   | DIM-S1L10V-0 (10A × 1ch)                                                 | DIM-S1L10V-0 (10A × 1ch)                                                    |                                      |                                     |                                     |                                     |                                     |
|                              |                  |                                   | connectable up to 5A,<br>when using 200W DC24V PSU<br>as 60% load factor | connectable up to 3.75A,<br>when using 150W DC24V PSU<br>as 60% load factor | connect<br>up to 140W<br>as 70% load | connect<br>up to 84W<br>as 70% load | connect<br>up to 63W<br>as 70% load | connect<br>up to 42W<br>as 70% load | connect<br>up to 28W<br>as 70% load |
| Model No.                    | Wattage<br>(W/m) | Max. length<br>per circuit<br>(m) | * Split into multiple circuit                                            | ① Connectable length per Dimmer & Dimmable PSU<br>(m)                       |                                      |                                     |                                     |                                     |                                     |
| LRFA - T** - * - DF - I - 9  | 9.7              | 4                                 | 12.3*                                                                    | 9.2*                                                                        | 14.4*                                | 8.6*                                | 6.4*                                | 4.3*                                | 2.8                                 |
| LRFA - T** - * - DF - I - 15 | 15.3             | 4                                 | 7.8*                                                                     | 5.8*                                                                        | 9.1*                                 | 5.4*                                | 4.1*                                | 2.7                                 | 1.8                                 |

|                    |               | Cross section                 | 0.75 sq                                                                                   | 1.25sq |
|--------------------|---------------|-------------------------------|-------------------------------------------------------------------------------------------|--------|
|                    |               | Wiregauge                     | AWG 18                                                                                    | AWG16  |
| Model No.          | Wattage (W/m) | ② Max. length per circuit (m) | ③ Max. cable length between PSU and the end of luminaire at ② Max. length per circuit (m) |        |
| LRFA-T**-*-DF-I-9  | 9.7           | 4                             | 25                                                                                        | 35     |
| LRFA-T**-*-DF-I-15 | 15.3          | 4                             | 25                                                                                        | 35     |

