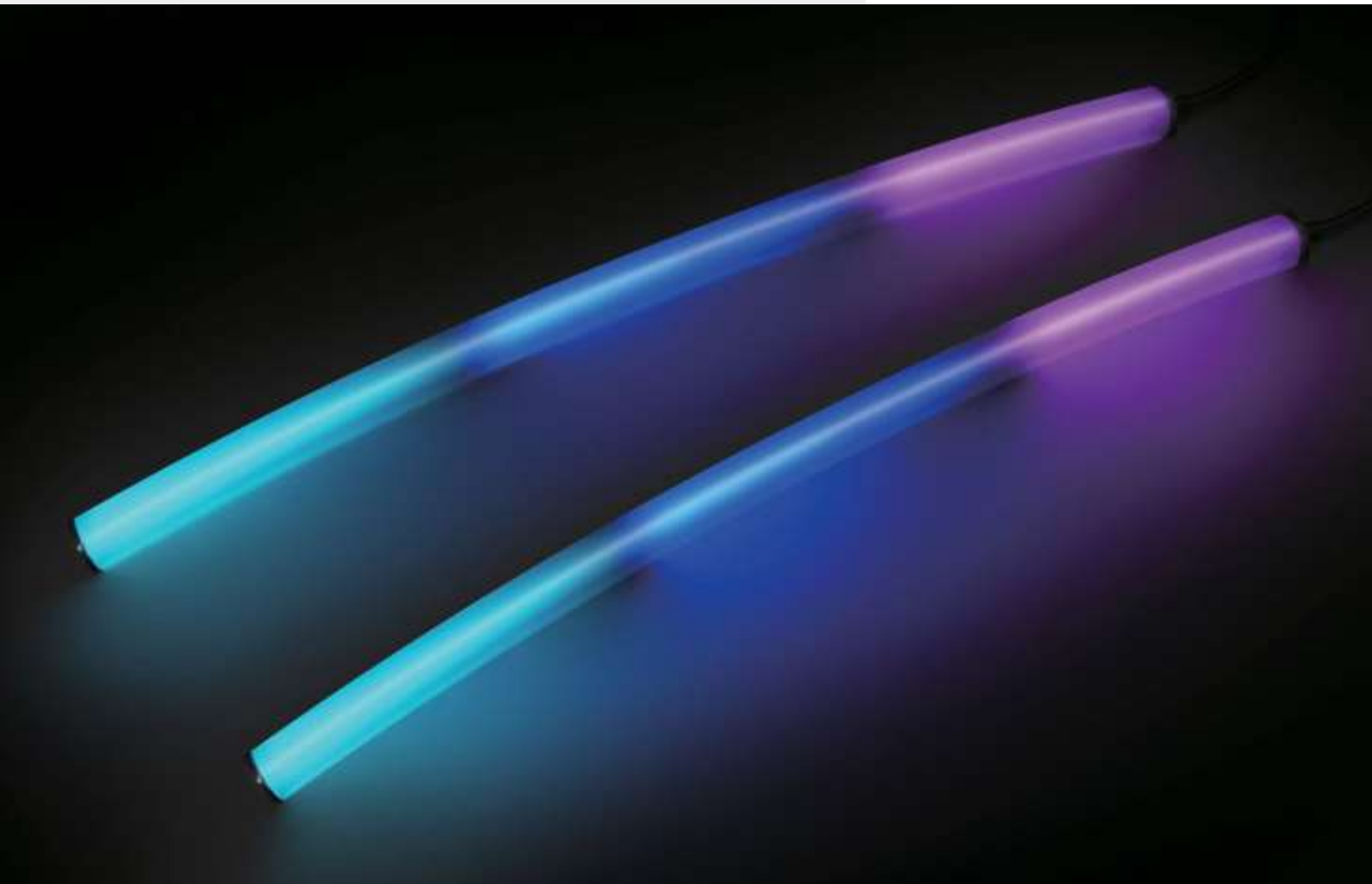


# Astrowave RGB / SPI

SPECIFICATION DOCUMENT

RICOMAN®



## Overview

A versatile and creative lighting solution that can be used as pendant or mounted on walls, ceilings and floors. Explore all the possibilities by creating 25mm diameter lines of light. From ambient lighting to accent lighting, Astrowave, the IP65 flexible 360° neon light system, can turn any installation to a genuine architectural creation.

Flexible 360° neon light system.

Mounting Options RGB & SPI Accessories



Power: 14.4W/M 21.6W/M

Kelvin: RGB SPI

Diffuser Finish: White Black

Controls & Options: DALI 2 Lutron Casambi

# Astrowave RGB / SPI

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## Astrowave Neon Light

| Part Code | CCT  | CRI | Input Voltage | Rated Current | Power   | Lumens | Luminaire Colour Finish |
|-----------|------|-----|---------------|---------------|---------|--------|-------------------------|
| R751000   | RGB* | -   | 24V           | 0.6 A/m       | 14.4W/M | 74Lm/M | WT or BK                |
|           | SPI  | -   | 12V           | 1.8 A/m       | 21.6W/M | 47Lm/M | WT or BK                |

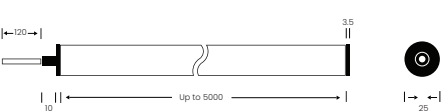
\*RGBW available, please contact our team for more information: sales@ricoman.com

## Cable Entry Options

|      |               |
|------|---------------|
| /ECE | End Cap Entry |
|------|---------------|



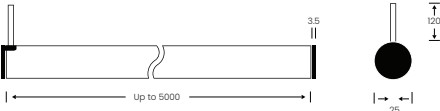
## Dimensions (mm)



|     |            |
|-----|------------|
| /SE | Side Entry |
|-----|------------|



## Dimensions (mm)



## Product Part Code Builder

### (1) Colour Temperature

|     |      |
|-----|------|
| RGB | /RGB |
| SPI | /SPI |

### (2) Luminaire Colour Finish

|                                              |     |
|----------------------------------------------|-----|
| White                                        | /WT |
| Black (Only available for RGB & SPI options) | /BK |

### (3) Cable Entry

|               |      |
|---------------|------|
| End Cap Entry | /ECE |
| Side Entry    | /SE  |

### (4)\* Supply Lead Size (\*Optional) 1 Metre as standard

|                              |       |
|------------------------------|-------|
| XX = Size needed (in metres) | /SLXX |
|------------------------------|-------|

### (5) Astrowave Size

|                   |     |
|-------------------|-----|
| X = Meters needed | /XM |
|-------------------|-----|

### (6)\* Dimming Options (\*Optional)

|               |      |
|---------------|------|
| DALI dimming  | /DD  |
| 0-10V dimming | /DL  |
| DSI dimming   | /DSI |
| Casambi       | /CC  |

(1) (2) (3) (4)\* (5) (6)\*  
R751000 / \_ / \_ / \_ / SL \_ \_ / \_ M / \_ \_

Example: R751000/WT/SPI/SE/3M/DD

Astrowave 3 Meters Neon Light in White, SPI with side entry, DALI Dimming.

# Astrowave RGB / SPI

## SPECIFICATION DOCUMENT

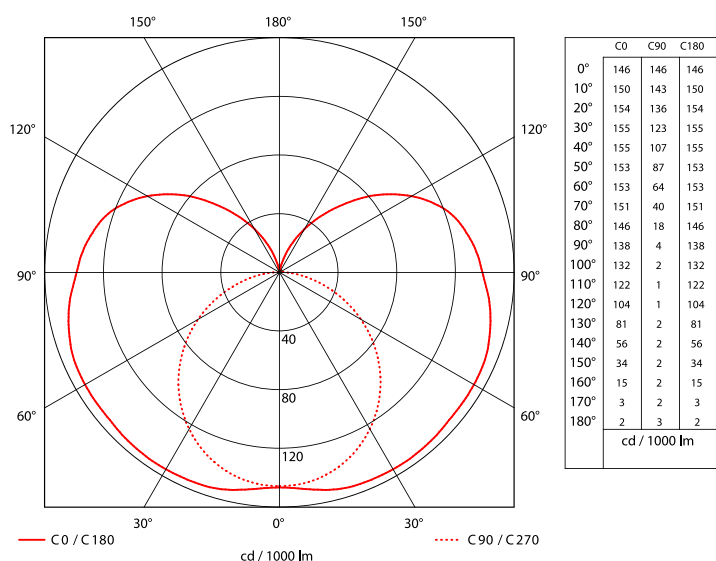
### Supply & Power

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| Voltage Range | D12V / D24V                                                          |
| Rated Current | 1.8Am / 0.6Am                                                        |
| Driver        | Remote (Please follow the <b>Driver Guide</b> for more information). |
| Cable entry   | End Cap Entry & Side End Cap Entry                                   |

### Overview

|                       |                                        |
|-----------------------|----------------------------------------|
| Construction Material | Silicone                               |
| Diffuser Type         | Silicone diffuser                      |
| Beam Angle            | 360°                                   |
| IP Rating             | IP65 (Recommended for indoor use only) |
| IK Rating             | IK08                                   |
| Working Temperature   | -20°C to 40°C                          |
| Storage Temperature   | 0°C to 60°C                            |
| Warranty              | 5 years                                |
| Life Time             | 36000H                                 |

### Light Distribution



Astrowave 24V 3000K

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### Driver Guide for 2300K, 2700K, 3000K & 4000K

| Length                         | Description           | Part Code     |
|--------------------------------|-----------------------|---------------|
| 1m - 2.9m<br>50W/60W<br>Driver | Non-dim               | D-AFS-50      |
|                                | DALI                  | D-AFS-E60/DD  |
|                                | Mains Dim             | D-AFS-E60/DH  |
|                                | 0-10                  | D-AFS-E60/DL  |
|                                | Casambi               | D-AFS-E60/CC  |
| 3m - 5m<br>100W Driver         | 100W Non-dim driver   | D-AFS-E100    |
|                                | 100W DALI driver      | D-AFS-E100/DD |
|                                | 100W Mains dim driver | D-AFS-E100/DH |
|                                | 0-10                  | D-AFS-E100/DL |
|                                | Casambi               | D-AFS-E100/CC |

### Driver Guide for RGB

| Length                  | Description    | Part Code       |
|-------------------------|----------------|-----------------|
| 1m - 2.9m<br>50W Driver | Non-dim        | D-AFS-E50       |
|                         | Casambi        | D101106/50W/CC  |
| 3m - 5m<br>100W Driver  | Non-dim driver | D-AFS-E100      |
|                         | Casambi        | D101106/100W/CC |

### Driver Guide for SPI

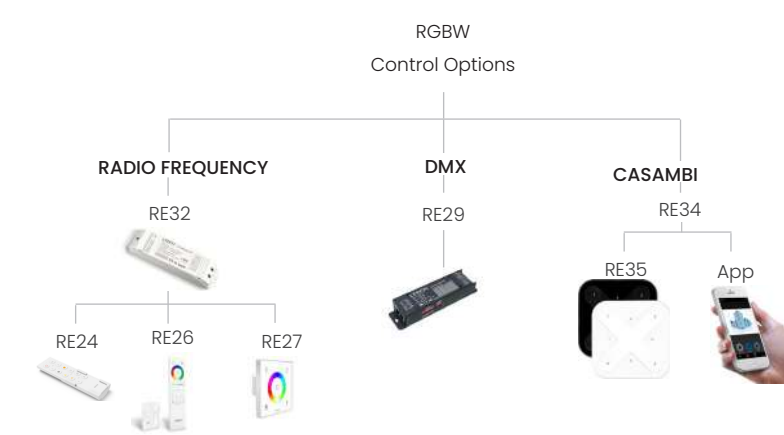
| Length                  | Description    | Part Code  |
|-------------------------|----------------|------------|
| 1m - 2.9m<br>50W Driver | Non-dim        | D-SPI-E50  |
| 3m - 5m<br>100W Driver  | Non-dim driver | D-SPI-E100 |

For receivers and controls go to the next page.

# Astrowave RGB / SPI

## SPECIFICATION DOCUMENT

### Receivers & Control fro RGB Astrowave



### Receivers & Control fro SPI Astrowave



| Part Code | Description                               |
|-----------|-------------------------------------------|
| RE32      | Premier Range RGBW Receiver               |
| RE27-1    | RGBW Wall Mounted Control - 1 Zone        |
| RE27-4    | RGBW Wall Mounted Control - Up to 4 Zones |
| RE24      | RGBW Standard Remote Control              |
| RE26      | RGBW Premier Remote Control               |
| RE29      | DMX RGBW Receiver                         |
| RE35/BK   | Casambi Wall Control in Black             |
| RE35/WT   | Casambi Wall Control in White             |

| Part Code | Description                                             |
|-----------|---------------------------------------------------------|
| RE75      | Remote and receiver pack for 12V SPI astrowave (max 5M) |

# Astrowave RGB / SPI

SPECIFICATION DOCUMENT

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## Accessories



### Vertical Surface or Suspended

|        |                                                                  |
|--------|------------------------------------------------------------------|
| R75-06 | Astrowave 1M Long Linear Pendant Mounting Kit                    |
| R75-08 | Astrowave Vertical Suspension Kit (1 Pcs)                        |
| R75-09 | Astrowave Vertical Suspension Kit with 2.5M Acrylic Tube (1 Pcs) |



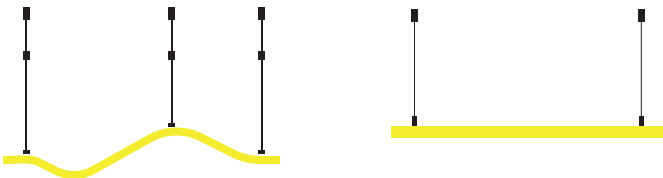
R75-06



R75-08



R75-09



### Horizontal Straight or Wave Suspended

|        |                                                              |
|--------|--------------------------------------------------------------|
| R75-05 | Astrowave Horizontal Suspension Kit (2 Pcs)                  |
| R75-10 | Astrowave Horizontal Suspension Kit with Acrylic Tube (1 Pc) |
| R75-01 | Astrowave Adjustable Solid Rod Mounting Kit (1 Pcs)          |



R75-10



R75-05



R75-01

# Astrowave RGB / SPI

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## Accessories



### Horizontal Straight or Wave Surface

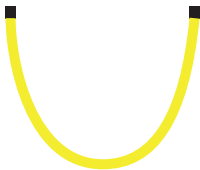
|        |                                                  |
|--------|--------------------------------------------------|
| R75-03 | Astrowave Surface Mounting Kit (1 Pcs)           |
| R75-04 | Astrowave Concealed Surface Mounting Kit (2 Pcs) |



R75-03



R75-04

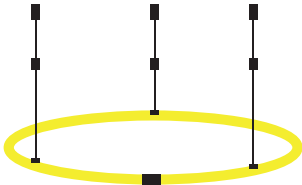


### Two Point Surface Mounting

|        |                                                |
|--------|------------------------------------------------|
| R75-02 | Astrowave End Cap Surface Mounting Kit (2 Pcs) |
|--------|------------------------------------------------|



R75-02



### Closed Shapes

|        |                                                  |
|--------|--------------------------------------------------|
| R75-17 | Astrowave Horizontal Suspension Connection (1Pc) |
| R75-07 | Astrowave Connection Kit (1 Pcs)                 |



R75-07



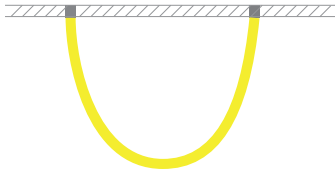
R75-17

# Astrowave RGB / SPI

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## Accessories



## Recessed Mounting

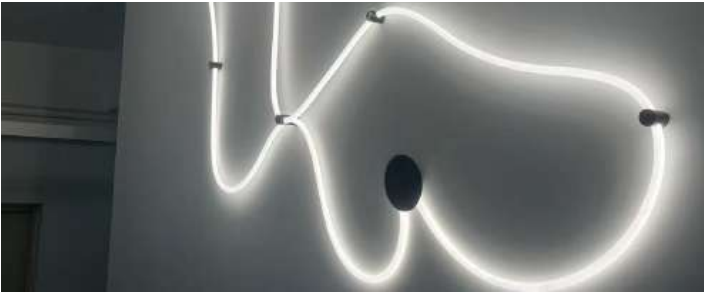
|        |                                          |
|--------|------------------------------------------|
| R75-15 | Astrowave Plaster In Recessed Kit (2Pcs) |
| R75-16 | Astrowave Recessed Kit (2Pcs)            |



R75-15

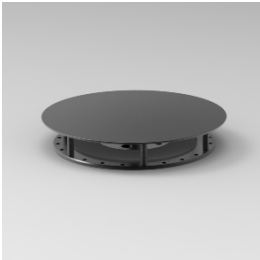


R75-16



## Decorative Mounting

|        |                             |
|--------|-----------------------------|
| R75-12 | Astrowave Node Plate (1Pc)  |
| R75-13 | Astrowave Single Node (1Pc) |
| R75-14 | Astrowave Double Node (1Pc) |



R75-12



R75-13



R75-14