

Ringo Star Cluster G3/P3 | Suspended



Housing:

Extruded Aluminum. LED pendant light system. Direct-Indirect or Direct only light distribution. Lighting system with various combinations of the different X, Y and circular modules, each module available as stand-alone luminaire. Custom diameters upon request. Entirely compatible with all Liquid Line G3/P3 modules. Fully enclosed and damp rated.

Optical System:

Satin opal diffuser for general lighting.

Surface Finish:

Available in white, silver, graphite, black, champagne or copper coated as standard. Further surface options see Lightnet-Surface-Collection. RAL or PANTONE of your choice. Optional internal acoustic absorber suitable for wide frequency spectrum, made from ecologically reared sheep's wool.

Control:

Integral electronic driver dimmable 0-10V. Minimum dimming level 1%. Field replaceable. On request: DALI, DMX, Lutron, Casambi.

LED:

Available color temperatures: 2200K, 2700K, 3000K, 3500K, 4000K, 6500K. All color temperatures available in CRI>80 or CRI>90. Optionally FULL SPECTRUM-LEDs for highest Fidelity Levels (Tm30). Tolerance within a 3-step MacAdam ellipse. Up to 110lm/W efficacy. Choice of different lumen output levels: Low or Medium Power. Lifetime minimum 50,000h with 85% of lumen maintenance.

Installation:

Canopy with transparent power supply cable to be ordered separately for each complete light structure. Colors canopy match to luminaire body.

Certification & Warranty:

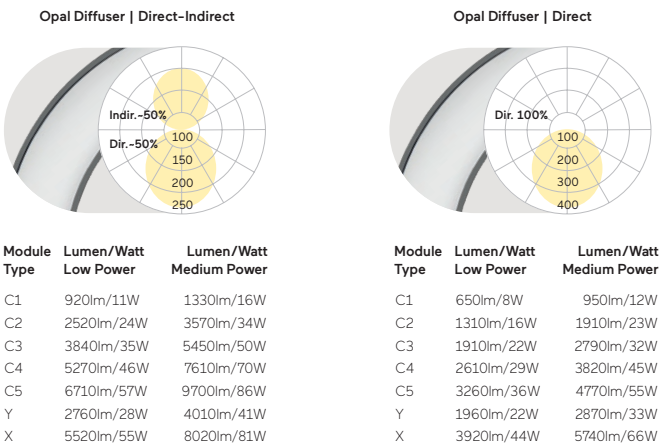
cETLus. 5 Years Warranty.

Order Guide

Product Family	1R: Ringo Star	1R P3 O SE-8 30 M-C1-K
Type	P3: Direct-Indirect, G3: Direct only	
Optical System	O: Opal Diffuser	
Surface Finish	W: Snow White, V: Ivory White, S: Radiant Silver, U: Urban Graphite, B: Jet Black, H: Anodic Champagne, K: Satin Copper	
Control Gear	E: On/Off, D: 0-10V	
Color Rendering	8: CRI>80, 9: CRI>90, F: Full Spectrum [except 2200K]	
Color Temperature	22: 2200K, 27: 2700K, 30: 3000K, 35: 3500K, 40: 4000K, 65: 6500K	
Power	E: Low Power M: Medium Power	
Module Type	C1: 1/6 Circle, C2: 2/6 Circle, C3: 3/6 Circle, C4: 4/6 Circle, C5: 5/6 Circle, Y: Y-Module, X: X-Module	
Suspension	K: Parallel Suspension	
On Request	DALI, DMX, Lutron System, Casambi, Acoustic Absorber	

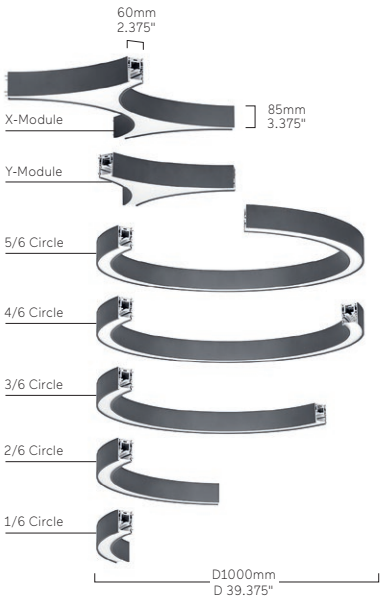


Light Performance

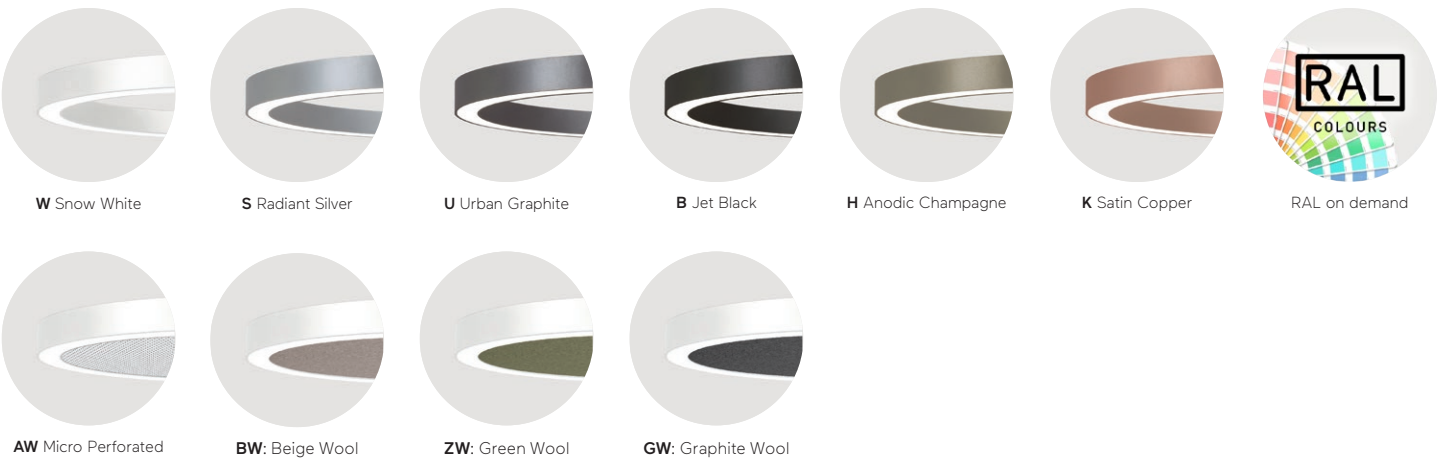


Lumen Values: Luminaire luminous flux at 4000K/CRI>80. Other configurations on request.

Dimensions



Surfaces

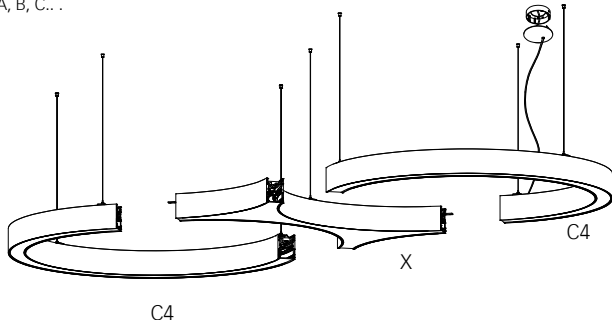


RINGO STAR CLUSTER G3/P3 | SUSPENDED

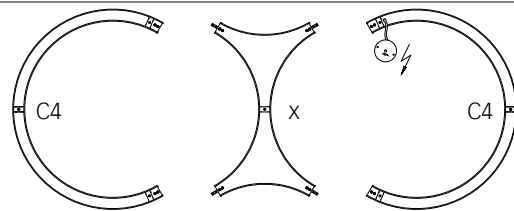
1. OVERVIEW OVER SYSTEM INSTALLATION (LIGHT MODULES, SUSPENSIONS, CONNECTORS AND ENDCAPS HAVE TO BE ORDERED SEPARATELY) |
VUE D'ENSEMBLE DE L'INSTALLATION DU SYSTÈME (LES MODULES D'ÉCLAIRAGE, SUSPENSIONS, CONNECTEURS ET EMBOUTS DOIVENT ÊTRE COMMANDÉS SÉPARÉMENT)

The luminaire must be installed in the order indicated on the labels, starting with parts A, B, C...

Le luminaire doit être installé dans l'ordre indiqué sur les étiquettes, en commençant par les pièces A, B, C...



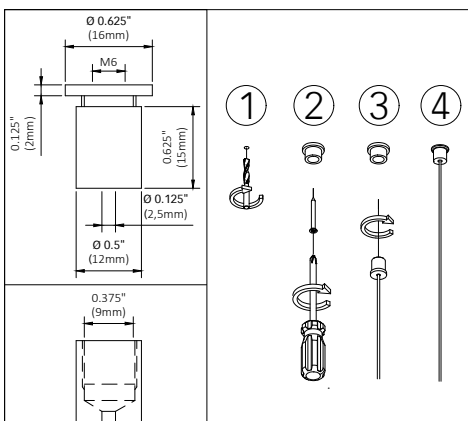
1. Use gloves when handling the fixture.
Merci de porter des gants durant la totalité de l'installation.



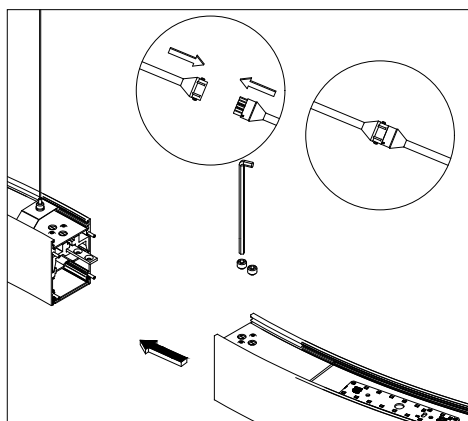
IMPORTANT:

- all sections must be suspended individually and perfectly levelled (horizontally and vertically) before connecting them together - this is crucial
- all suspension cords must be positioned perfectly vertical
- all suspension cords must be tensioned with the same strength
- if these conditions are not satisfied then the different parts will settle to different levels and work against one another.
- Toutes les sections doivent être suspendues individuellement et parfaitement mises à niveau (horizontalement et verticalement) avant de les relier entre elles, c'est crucial.
- Tous les câbles de suspension doivent être parfaitement positionnés à la verticale
- Tous les câbles de suspension doivent être parfaitement tendus avec la même force
- Si ces conditions ne sont pas remplies, les différentes parties s'installeront à des niveaux différents et se pousseront les unes contre les autres.

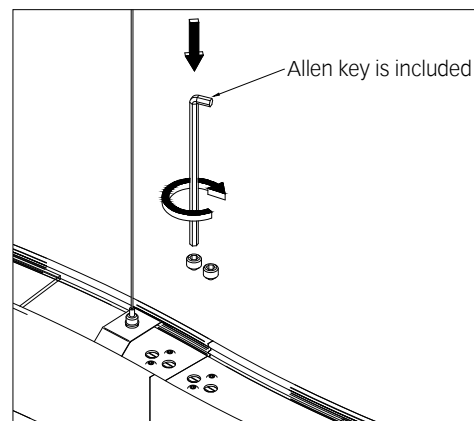
2. Distance between suspension points in the attached acc. drawing 1.
Distances entre les points de suspension sur le dessin 1 ci-joint.



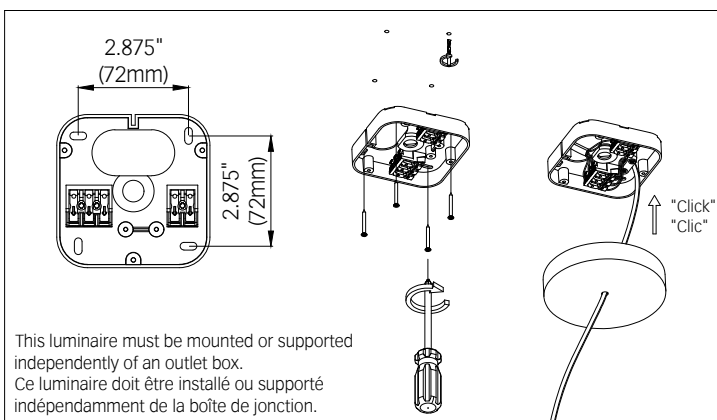
3. Please note: The cap has a thread M6-metric!



4.

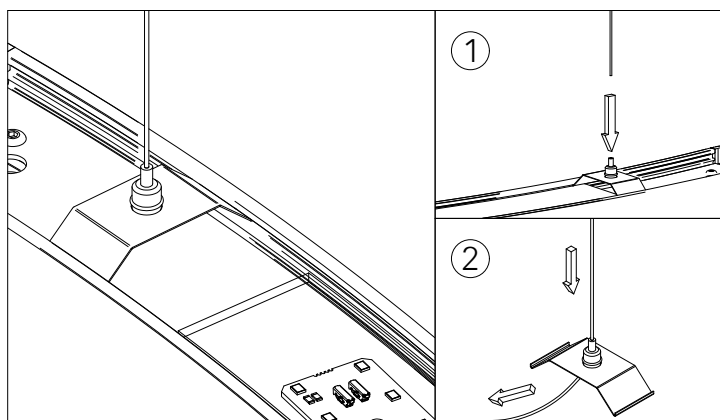


5.



This luminaire must be mounted or supported independently of an outlet box.
Ce luminaire doit être installé ou supporté indépendamment de la boîte de jonction.

6. min/max stripped wire length
min/max longueur du fil dénudé
0.25" - 0.375" (7mm-10mm)
max power supply cable
max câble d'alimentation
0.06" (1,5mm²)



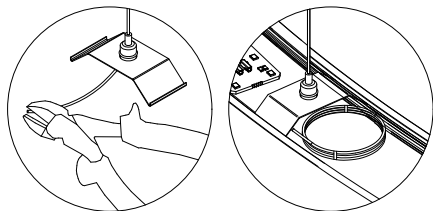
7.

WARNING: RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

IMPORTANT: EXACT DIMENSIONS IN MM!

ATTENTION: RISQUE D'INCENDIE ET D'ÉLECTROCUTION. LE LUMINAIRE DOIT ÊTRE INSTALLÉ PAR UN ÉLECTRICIEN QUALIFIÉ, CONFORMÉMENT AUX NORMES NATIONALES EN VIGUEUR, CODES DE CONSTRUCTION ET D'ÉLECTRICITÉ LOCAUX. DÉBRANCHEZ L'ALIMENTATION AU PANNEAU ÉLECTRIQUE AVANT DE PROCÉDER À L'ENTRETIEN.

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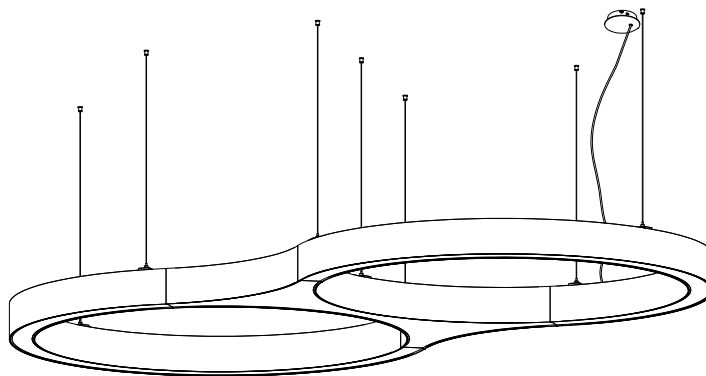


IMPORTANT!

After levelling the luminaire at the desired height, cut off the excess of the suspension cord or roll it up and secure it to avoid a short-circuit caused by contact with the light sources.

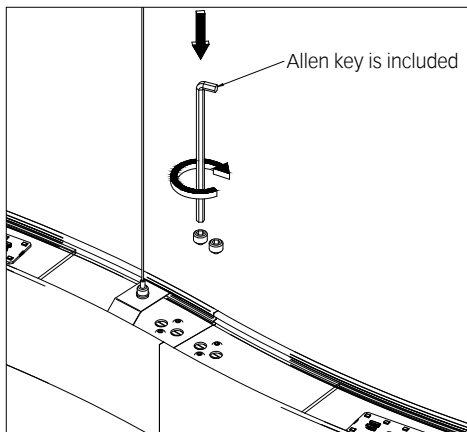
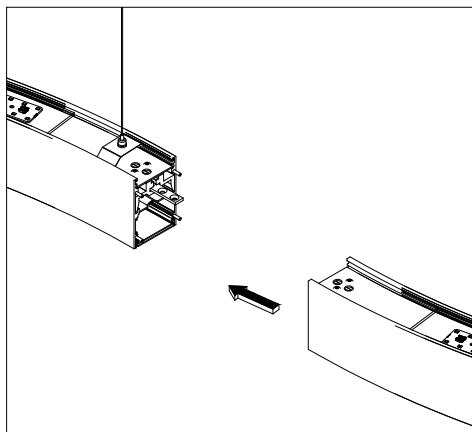
Après avoir mis le luminaire à la hauteur souhaitée, coupez l'excédent du câble de suspension, ou l'enrouler puis le fixer pour éviter un court-circuit causé par le contact avec les LED.

8.

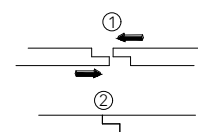


9.

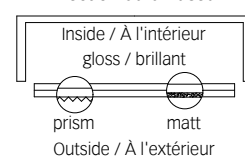
2. CONNECTORS | CONNECTEURS:



Diffuser overlapping
Chevauchement des diffuseurs



Diffuser direction
Direction du diffuseur



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