

NAME	RINGO PROFILE SYSTEM SUSPENSION WC	
SPECIFICATIONS	Lamptype	ledline = curved led array, spot = Luxeon M or BR,LUX (LES 9)
	Symbol	
	CCT	2700K - 3000K - 4000K / spot (see manual)
	Luminous flux	ledline = 2600lm/180° or 2882lm/m, per spot = see manual
	Power	ledline = 24W/180° or 19,2W/m , per spot = see manual
	Voltage	24V DC (ledline) / 250 - 700mA DC
	CRI	ledline = 80, spot = 90
	SDCM	3
	Beamangle	ledline = lambertian, spot = 36°
	Orientability	only for spot = 359° rotating & 90° tilting
	Gear	converter not incorporated
	Dimmability	ledline = PWM, spot = see manual
	Safe distance to object	0,1m
	Class / IP	IP20
	Application	interior - suspended

SEE ALL REFERENCES PER TYPE ON LAST PAGE

RECOMMENDED NUMBER OF INSTALLERS:

ACCESSORY			optional
NAME	ACCESSORY NAME		
REFERENCE	297706	FELT COVER ANTHRACITE	
	297707	FELT COVER MARBLE	

- NL

Installatie- en onderhoudsrichtlijnen m.b.t. de fabrieksgarantie.
1. De plaatsing, de aansluiting en het uittesten van dit toestel dient steeds te gebeuren door een erkend elektro-installateur.
2. Dit toestel moet geïnstalleerd, verbonden en getest worden volgens de nationaal geldende reglementen op elektrische installaties.
3. De technische bijsluiter dient te worden beschouwd als een onderdeel van de algemene verkoopvoorwaarden van TAL nv.
4. De elektro-installateur is verantwoordelijk voor het gebruik van compatibele voorschakelapparatuur die voldoen aan de geldende IEC normen.
5. Reinig het toestel enkel met een zachte en lichtvochtige doek zonder reinigingsmiddel.
6. Schakel altijd eerst de elektriciteit uit alvorens het toestel te plaatsen en te installeren.
- EN

Installation and maintenance instructions regarding the manufacturer's warranty.
1. Installation, connection and testing of this product must always be performed by a certified electrician.
2. This product must be installed, connected and tested in accordance with the applicable national regulations for electrical installations.
3. The technical manual must be regarded as part of the general sales conditions of TAL nv.
4. The electrical installer is responsible for the use of compatible control gear that meets the applicable IEC standards.
5. Only clean the device with a soft and slightly moist cloth without detergent.
6. Always switch off the electricity supply before installing and connecting the product.
- DE

Installations- und Wartungsanweisungen bezüglich der Herstellergarantie.
1. Installation, Anschluß und Prüfung dieses Geräts soll nur von einem anerkannten Elektriker ausgeführt werden.
2. Dieses Gerät soll in Übereinstimmung mit den nationalen geltenden Vorschriften für Elektroinstallationen installiert, angeschlossen und geprüft werden.
3. Die technische Anleitung muß als Teil der allgemeinen Verkaufsbedingungen von TAL nv betrachtet werden.
4. Der Elektroinstallateur ist verantwortlich für die Verwendung von kompatiblen Betriebsgeräten, die den geltenden IEC-Normen entsprechen.
5. Reinigen Sie das Gerät nur mit einem weichen und leicht feuchten Tuch ohne Reinigungsmittel.
6. Schalten Sie den Strom immer aus, bevor Sie das Gerät installieren und anschließen.
- FR

Instructions d'installation et d'entretien concernant la garantie du fabricant.
1. L'installation, la connexion et les essais de cet appareil doivent toujours être effectués par un électricien reconnu.
2. Cet appareil doit être installé, raccordé et testé conformément aux réglementations nationales pour les installations électriques.
3. La notice technique doit être considérée comme faisant partie des conditions générales de vente de TAL SA.
4. L'installateur électrique est responsable de l'utilisation d'un équipement de contrôle compatible qui satisfait aux normes CEI applicables.
5. Nettoyez l'appareil uniquement avec un chiffon doux et légèrement humide sans détergent.
6. Éteignez toujours l'électricité avant d'installer et de connecter l'appareil.

ALWAYS DISCONNECT MAINS POWER SUPPLY FROM CONVERTER BEFORE SWITCHING “ON” LED LUMINAIRES TO PREVENT HOT PLUGGING ISSUES!

INSTALLATION

1

Prepare suspension set per 2 profile segments

a. Drill pattern for suspension conform to profile structure
(see confirmed profile drawing)

b. Fix suspension set

(Choose plugs and screw according to ceiling type)

STEEL WIRE

RINGO PROFILE

Linear profile = 1 susp set /m & min. 2 susp sets
180° curved profile = 2 susp sets /profile
90°/45° curved profile = 1 susp set /profile

2

Make mechanical connection between profiles

a. Enter the mechanical coupler set in the fitting profile slots

b. Hold the profile ens together and fixate the couplers on both sides, make sure both profile sides are closed and brackets are centered towards the profile gap

2 (x4)

4

Repeat steps 1 to 3 with next profile segment untill the profile structure is complete

5

If the profile structure is not closed, mount the required end caps.

2 (x1)

Make sure the gap between profile and end cap is fully closed

a. Connecting ledline module

OR

b. Connecting spot module

from electrical feed point or previous profile segment

RED = POSITIVE

BLACK = NEGATIVE

to luminaire

2pole connection:

⊕ red
⊖ black
⚠ don't use white wire

4pole connection:

circuit A:

⊕ red
⊖ black

circuit B:

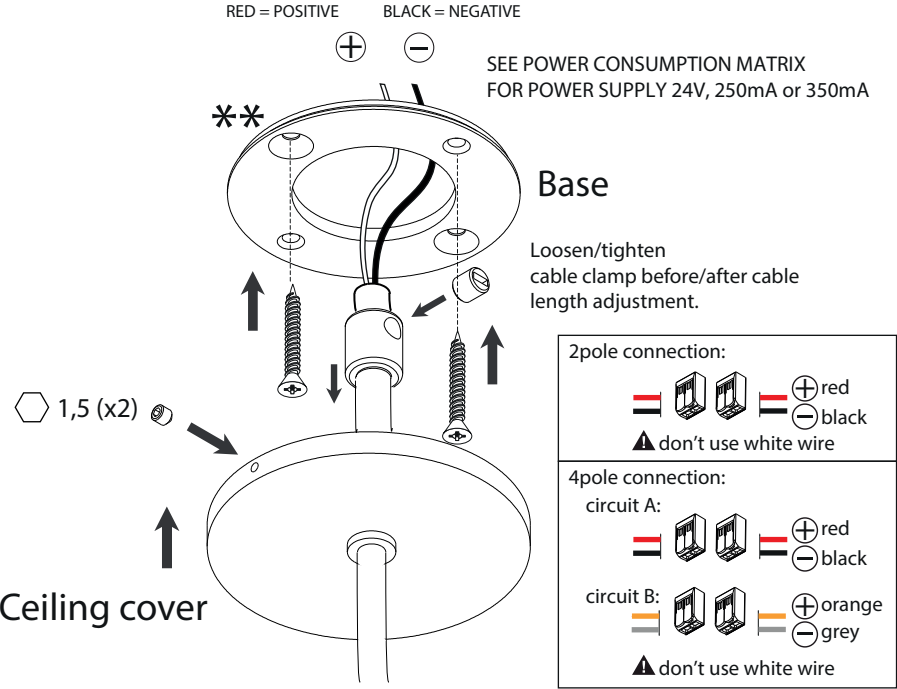
⊕ orange
⊖ grey
⚠ don't use white wire

Connect the wires coming from the prewired led board onto the other connector, connecting the wire from red to red dot, and black to black dot.

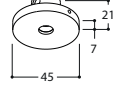
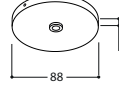
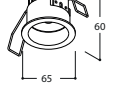
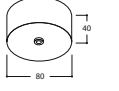
In case a spot cable system runs through a ledline module profile, please gently push it in the profile flange up to the next profile segment, repeat if necessary untill the spot system is reached.

6 Make electrical base connection depending on 2p or 4P configuration (see base manual for specific installation instructions)

BASE EXAMPLE:



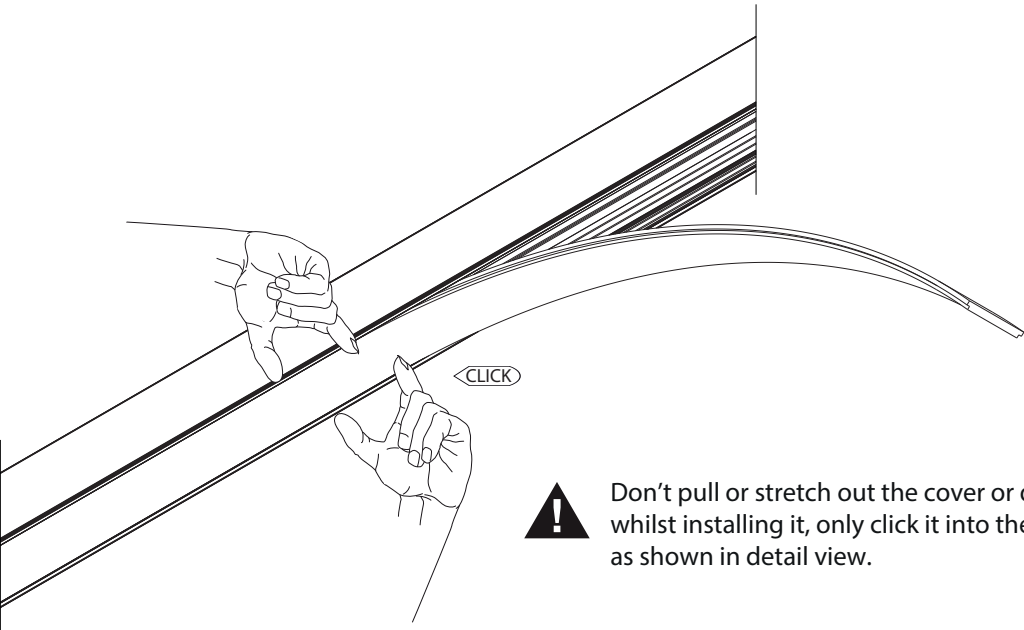
COMPATIBLE BASES

BASE ACCESSORY		optional 11	
B	C	D	E
M10 BASE RECESSED SMALL WC 408847 TEXT. WHITE 408826 TEXT. BLACK 408845 ANODIC BROWN	M10 BASE RECESSED LARGE WC 408947 TEXT. WHITE 408926 TEXT. BLACK 408945 ANODIC BROWN	M10 BASE KOSMOS WC 408647 TEXT. WHITE 408626 TEXT. BLACK 408625 ANODIC BROWN	M10 BASE SURFACE MOUNTED WC 408547 TEXT. WHITE 408546 TEXT. BLACK 408545 ANODIC BROWN
			
B With M10 base 'recessed small' for electrical connection above ceiling - drill 1x hole Ø20mm - installation depth: 50mm		see sepearte manual	
C With M10 base 'recessed large' for electrical connection above ceiling - drill 1x hole Ø42mm - installation depth: 50mm		see detail left	
D With M10 base 'kosmos' for hollow ceiling for electrical connection above ceiling - drill 1x hole Ø55mm - installation depth: 60mm		see sepearte manual	
E With M10 base 'surface mounted' for electrical connection on (solid) ceiling		see sepearte manual	

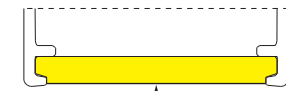
7 Once all electrical connections have been made, switch on mains power supply and check if all ledline and spot modules are functioning

8 Mount the flexible cover or diffuser

- a. Before installing the cover or diffuser, the structure needs to be illuminated for at least 1 hour
- b. Enter the flange of the cover / diffuser in the side flange of the profile, and gently click the cover in on the other side. If installed correctly the cover surface is flat in accordance to the profile bottom.



Cover / diffuser orientation



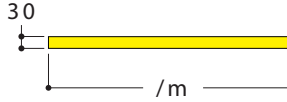
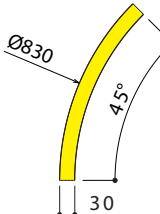
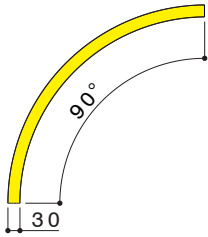
Opal diffuser / textured cover side orientation to bottom side

⚠ Don't pull or stretch out the cover or diffuser whilst installing it, only click it into the flange as shown in detail view.

- c. Cut 5mm cover / diffuser oversize compared to the counterpart end cap or module, gently click in the cover / diffuser against the end cap or module, click in the remaining cover / diffuser in the profile

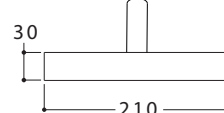
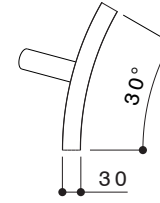
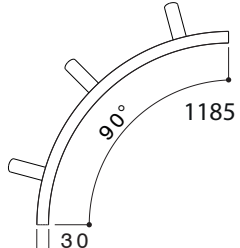
⚠ Close small gaps with Gap Filler Acrylic Sealant (white or black)

RINGO PROFILE SYSTEM POWER CONSUMPTION MATRIX

LEDLINE MODULES	
	LINEAR LEDLINE MODULE Ledline power consumption: - 2700K / 3000K / 4000K = 19,2W/m - 24V DC ⚠ Ledline length configurable per 0,1m
	835 45° CURVED LEDLINE MODULE Ledline power consumption 45°: - 2700K / 3000K / 4000K = 5,6W - 24V DC
	835 90° CURVED LEDLINE MODULE Ledline power consumption 90°: - 2700K / 3000K / 4000K = 11,2W - 24V DC

⚠ LEDLINE 24V: CALCULATE LEDCONVERTER WITH POWER CONSUMPTION CAPACITY ADDING 10% EXTRA POWER DEPENDING ON CONVERTER EFFICACY

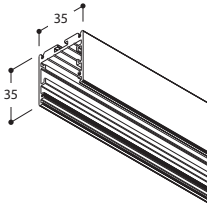
⚠ MAXIMUM 5m LEDLINE LENGTH PER LED BOARD CONNECTION POINT

M10 MODULES	
	LINEAR 1x M10 MODULE 1xM10 power consumption (2 pole): - 250mA = 4,2W - 17Vf - 350mA = 3,82W - 10,95Vf
	835 30° CURVED 1x M10 MODULE 1xM10 power consumption (2 pole): - 250mA = 4,2W - 17Vf - 350mA = 3,82W - 10,95Vf
	835 90° CURVED 3x M10 MODULE 3xM10 power consumption (2 pole): - 250mA = 12,75W - 51Vf - 350mA = 11,46W - 32,85Vf

RINGO 835 PROFILES ARTICLE RANGE

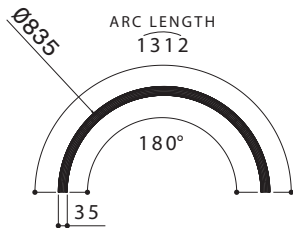
670026 RINGO LINEAR PROFILE /m TEXTURED BLACK
670027 RINGO LINEAR PROFILE /m TEXTURED WHITE

0,8 kg



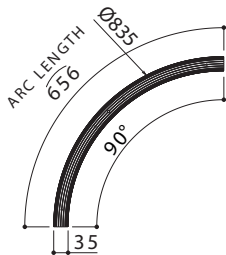
670126 RINGO 835 180° CURVED PROFILE TEXTURED BLACK
670127 RINGO 835 180° CURVED PROFILE TEXTURED WHITE

1 kg



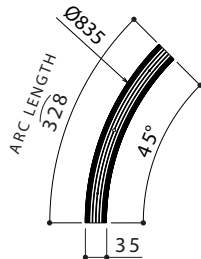
670226 RINGO 835 90° CURVED PROFILE TEXTURED BLACK
670227 RINGO 835 90° CURVED PROFILE TEXTURED WHITE

0,5 kg



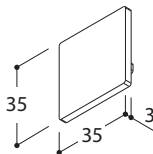
670326 RINGO 835 45° CURVED PROFILE TEXTURED BLACK
670327 RINGO 835 45° CURVED PROFILE TEXTURED WHITE

0,3 kg



670426 RINGO 835 PROFILE END CAP TEXTURED BLACK
670427 RINGO 835 PROFILE END CAP TEXTURED WHITE

0,1 kg



RINGO 835 MODULES ARTICLE RANGE

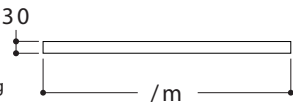
670040 RINGO LINEAR LEDLINE MODULE 2700K /m
670041 RINGO LINEAR LEDLINE MODULE 3000K /m
670042 RINGO LINEAR LEDLINE MODULE 4000K /m

0,2 kg



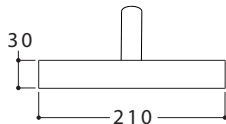
670070 RINGO LINEAR EMPTY MODULE + COVER /m TEXTURED BLACK
670071 RINGO LINEAR EMPTY MODULE + COVER /m TEXTURED WHITE

0,2 kg



670080 RINGO LINEAR 1xM10 MODULE TEXTURED BLACK
670081 RINGO LINEAR 1xM10 MODULE TEXTURED WHITE

0,3 kg



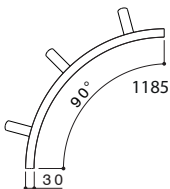
670240 RINGO 835 90° LEDLINE MODULE 2700K
670241 RINGO 835 90° LEDLINE MODULE 3000K
670242 RINGO 835 90° LEDLINE MODULE 4000K

0,3 kg



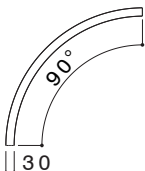
670260 RINGO 835 90° 3xM10 MODULE TEXTURED BLACK
670261 RINGO 835 90° 3xM10 MODULE TEXTURED WHITE

0,8 kg



670270 RINGO 835 90° EMPTY MODULE + COVER TEXTURED BLACK
670271 RINGO 835 90° EMPTY MODULE + COVER TEXTURED WHITE

0,2 kg



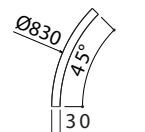
670340 RINGO 835 45° CURVED LEDLINE MODULE 2700K
670341 RINGO 835 45° CURVED LEDLINE MODULE 3000K
670342 RINGO 835 45° CURVED LEDLINE MODULE 4000K

0,2 kg



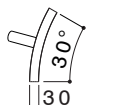
670370 RINGO 835 45° CURVED EMPTY MODULE + COVER TEXTURED BLACK
670371 RINGO 835 45° CURVED EMPTY MODULE + COVER TEXTURED WHITE

0,1 kg



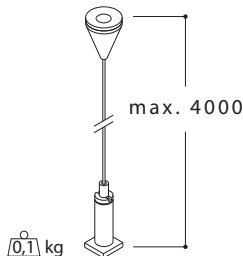
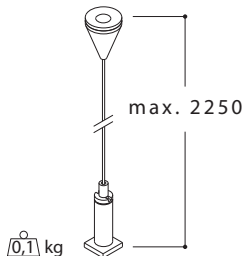
670380 RINGO 835 30° 1xM10 MODULE TEXTURED BLACK
670381 RINGO 835 30° 1xM10 MODULE TEXTURED WHITE

0,3 kg

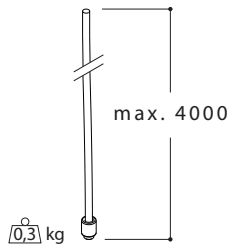
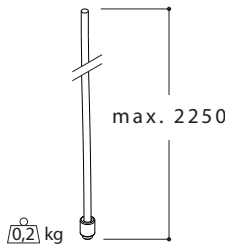


RINGO 835 ACCESSORIES ARTICLE RANGE

670500 RINGO 835 PROFILE SUSPENSION SET SINGLE (length = 2,25m) TEXTURED BLACK
670501 RINGO 835 PROFILE SUSPENSION SET SINGLE (length = 2,25m) TEXTURED WHITE
670505 RINGO 835 PROFILE SUSPENSION SET SINGLE (length = 4m) TEXTURED BLACK
670506 RINGO 835 PROFILE SUSPENSION SET SINGLE (length = 4m) TEXTURED WHITE



670510 RINGO 835 PROFILE POWER CABLE 2 POLE (length = 2,25m) TEXTURED BLACK
670511 RINGO 835 PROFILE POWER CABLE 2 POLE (length = 2,25m) TEXTURED WHITE
670512 RINGO 835 PROFILE POWER CABLE 4 POLE (length = 2,25m) TEXTURED BLACK
670513 RINGO 835 PROFILE POWER CABLE 4 POLE (length = 2,25m) TEXTURED WHITE
670515 RINGO 835 PROFILE POWER CABLE 2 POLE (length = 4m) TEXTURED BLACK
670516 RINGO 835 PROFILE POWER CABLE 2 POLE (length = 4m) TEXTURED WHITE
670517 RINGO 835 PROFILE POWER CABLE 4 POLE (length = 4m) TEXTURED BLACK
670518 RINGO 835 PROFILE POWER CABLE 4 POLE (length = 4m) TEXTURED WHITE



670540 RINGO 835 PROFILE MECHANICAL COUPLER SET (2 PIECE SET- 4 SCREWS INCL.)

670541 RINGO 835 PROFILE HORIZONTAL CORNER 90° (2 PIECE SET- 8 SCREWS INCL.)
670542 RINGO 835 PROFILE HORIZONTAL CORNER 135° (2 PIECE SET- 8 SCREWS INCL.)
670543 RINGO 835 PROFILE HORIZONTAL CORNER ON REQUEST (2 PIECE SET- 8 SCREWS INCL.)

670545 RINGO 835 PROFILE VERTICAL CORNER 90° (2 PIECE SET- 8 SCREWS INCL.)
670546 RINGO 835 PROFILE VERTICAL CORNER 135° (2 PIECE SET- 8 SCREWS INCL.)
670547 RINGO 835 PROFILE VERTICAL CORNER ON REQUEST (2 PIECE SET- 8 SCREWS INCL.)

0,1 kg