

TUBO/TUBIN 60 CONEX system

surface / suspended

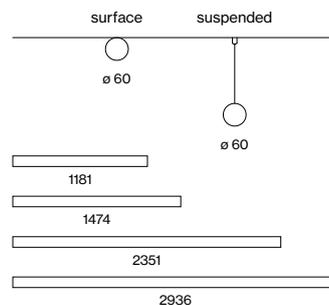
EN Cylindrical lighting system in aluminium; surface powder coated; wall-/ceiling surface mounting or suspended mounting; height adjustment without tools; incl. feeder cable; electrical connection of the luminaires via plug/socket system; optionally connectors (flex or L- / T- / X-shape) and BLIND CHANNEL; luminaire connection rotatable around its own axis, which means that any spatial angle can be realized; optionally cylindr. HPO (High Performance Opal) cover or clear, cylindrical cover with linear prismatic optic; light control via high quality lens system for homogeneous illumination; energy-efficient LEDs with very good colour rendering

ES Sistema de iluminación cilíndrico de aluminio; superficie con recubrimiento de pintura en polvo; montaje sobre pared/techo o suspendido; altura regulable sin herramientas; incl. cable de alimentación; unión eléctrica de las luminarias con conexión macho/hembra; conectores opcionales (flex o en forma de L/T/X) y BLIND CHANNEL; conexión de luminaria girable en su propio eje que permite la orientación en cualquier ángulo de la sala; difusor cilíndrico HPO (High Performance Opal) opcional, o difusor transparente cilíndrico con óptica prismática lineal; direccionamiento de la luz con óptica de lente de alta calidad para un alumbrado homogéneo; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

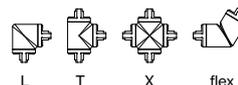
Quickinfo

3000 K, 4000 K
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 up to 3280 lm/m (clear cover)
 up to 143 lm/W (clear cover)
 L90 @ 50 000 h
 DALI-2
 opal, lens/ clear cover

Types



CONEX connector



Colours



Light distributions



up to 143 lm/W
 (high efficiency)



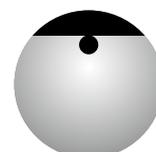
connector
 CONEX



combinable with
 SETA & TRACK



lens/ clear
 cover



340° uniform
 illumination

Order options

THROUGH WIRE TYPE

| | |
|---|---|
| plug/socket  | 2 |
| socket/socket  | 3 |

between two CONEX connectors
one socket/socket luminaire or blind
channel is needed

COLOUR TEMPERATURE

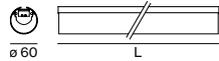
| | |
|------------------------------|---|
| 3000 K (CRI _≥ 90) | 0 |
| 4000 K (CRI _≥ 90) | 1 |
| 3000 K (CRI _≥ 80) | 5 |
| 4000 K (CRI _≥ 80) | 6 |

CONTROL

| | |
|--------|--|
| DALI-2 | |
|--------|--|

MATERIAL COLOUR

| | |
|---|---|
| <input type="radio"/> pure white RAL 9010 | 7 |
| <input checked="" type="radio"/> jet black RAL 9005 | 8 |



TUBO 60 CONEX surface/suspended system



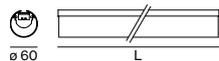
OPAL 340° DIRECT

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE |
|------------|--------------|-----------|--------|--|
| 27.9 W | 3000 K | 3180 lm | 1181 | 0 5 8 - 3 0 4 :: 3  |
| | 4000 K | 3620 lm | | |
| 34 W | 3000 K | 3950 lm | 1474 | 0 5 8 - 3 0 5 :: 3  |
| | 4000 K | 4490 lm | | |
| 54 W | 3000 K | 6300 lm | 2351 | 0 5 8 - 3 0 8 :: 3  |
| | 4000 K | 7170 lm | | |
| 67 W | 3000 K | 7880 lm | 2936 | 0 5 8 - 3 0 9 :: 3  |
| | 4000 K | 8970 lm | | |



BLIND CHANNEL incl. through wiring

| L (mm) | ORDER CODE |
|--------|---|
| 595 | 0 5 8 - 4 9 2 0 3  |
| 1181 | 0 5 8 - 4 9 4 0 3  |
| 2351 | 0 5 8 - 4 9 8 0 3  |
| 2936 | 0 5 8 - 4 9 9 0 3  |



TUBIN 60 CONEX surface/suspended system



CLEAR 340° DIRECT

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE |
|------------|--------------|-----------|--------|--|
| 27.9 W | 3000 K | 3400 lm | 1181 | 0 5 8 - 5 0 4 :: 3  |
| | 4000 K | 3870 lm | | |
| 34 W | 3000 K | 4220 lm | 1474 | 0 5 8 - 5 0 5 :: 3  |
| | 4000 K | 4800 lm | | |
| 54 W | 3000 K | 6750 lm | 2351 | 0 5 8 - 5 0 8 :: 3  |
| | 4000 K | 7680 lm | | |
| 67 W | 3000 K | 8430 lm | 2936 | 0 5 8 - 5 0 9 :: 3  |
| | 4000 K | 9590 lm | | |



BLIND CHANNEL incl. through wiring

| L (mm) | ORDER CODE |
|--------|---|
| 595 | 0 5 8 - 4 9 2 0 3  |
| 1181 | 0 5 8 - 4 9 4 0 3  |
| 2351 | 0 5 8 - 4 9 8 0 3  |
| 2936 | 0 5 8 - 4 9 9 0 3  |

Accessories

see last page



reddot winner 2023



DESIGN
AWARD
2022

SETA 60 CONEX system

surface/suspended

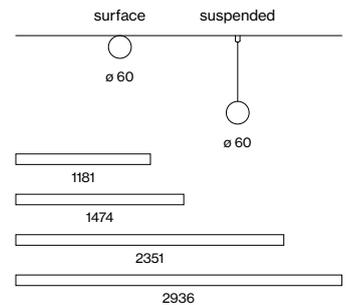
EN Cylindrical lighting system in aluminium; surface powder coated; wall-/ceiling surface mounting or suspended mounting; height adjustment without tools; incl. feeder cable; electrical connection of the luminaires via plug/socket system; optionally connectors (flex or L- / T- / X-shape) and BLIND CHANNEL; luminaire connection rotatable around its own axis, which means that any spatial angle can be realized; high gloss reflector with faceted design; direct, indirect or direct / indirect light distribution; indirect light component with integrated PCboards and high quality lens system for homog. ceiling illumination, separately controllable; energy-efficient LEDs with very good colour rendering

ES Sistema de iluminación cilíndrico de aluminio; superficie con recubrimiento de pintura en polvo; montaje sobre pared/techo o suspendido; altura regulable sin herramientas; incl. cable de alimentación; unión eléctrica de las luminarias con conexión macho/hembra; conectores opcionales (flex o en forma de L/T/X) y BLIND CHANNEL; conexión de luminaria girable en su propio eje que permite la orientación en cualquier ángulo de la sala; reflector de alto brillo con óptica facetada; proyección directa, indirecta o directa/indirecta; componente de luz indir. con plet. propias y ópt. de lente de alta calidad para un alumb. de techo y homog. con control indep.; LEDS de alta eficiencia que proporcionan una alta reproducción cromática.

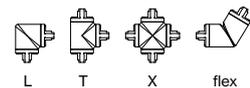
Quickinfo

3000K, 4000K
CRI ≥ 80, CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 167 lm/W
L90 @ 50 000 h
DALI-2
reflector (UGR ≤ 19)

Types



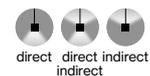
CONEX connector



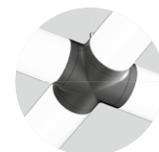
Colours



Light distributions



up to 167 lm/W
(high efficiency)



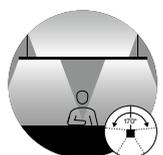
connector
CONEX



combinable with TUBO,
TUBIN & TRACK



DIN EN 12464-1
UGR ≤ 19



170° indirect
illumination

Order options

THROUGH WIRE TYPE

| | |
|---|---|
| plug/socket  | 2 |
| socket/socket  | 3 |

between two CONEX connectors
one socket/socket luminaire or blind
channel is needed

COLOUR TEMPERATURE

| | |
|------------------------------|---|
| 3000 K (CRI _≥ 90) | 0 |
| 4000 K (CRI _≥ 90) | 1 |
| 3000 K (CRI _≥ 80) | 5 |
| 4000 K (CRI _≥ 80) | 6 |

CONTROL

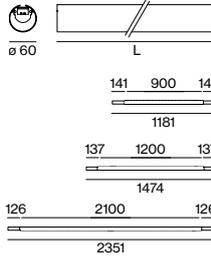
| | |
|--------|--|
| DALI-2 | |
|--------|--|

MATERIAL COLOUR

| | |
|---|---|
|  pure white RAL 9010 | 7 |
|  jet black RAL 9005 | 8 |

REFLECTOR COLOUR

| | |
|---|---|
|  chrome | R |
|  dark chrome | B |



SETA 60 CONEX surface/suspended system



REFLECTOR DIRECT

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE |
|------------|--------------|-----------|--------|---|
| 18.6 W | 3000 K | 2650 lm | 1181 | 058-4004::3  |
| | 4000 K | 3010 lm | | |
| 24.9 W | 3000 K | 3530 lm | 1474 | 058-4005::3  |
| | 4000 K | 4010 lm | | |
| 43 W | 3000 K | 6170 lm | 2351 | 058-4008::3  |
| | 4000 K | 7030 lm | | |
| 54 W | 3000 K | 7940 lm | 2936 | 058-4009::3  |
| | 4000 K | 9030 lm | | |

BLIND CHANNEL incl. through wiring

| L (mm) | ORDER CODE |
|--------|--|
| 595 | 058-490203  |
| 1181 | 058-490403  |
| 2351 | 058-490803  |
| 2936 | 058-490903  |



SETA 60 CONEX suspended system



REFLECTOR DIRECT / INDIRECT

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE |
|------------|--------------|------------------|--------|---|
| 42 W | 3000 K | ↓ 2620 ↑ 3260 lm | 1181 | 058-4104::3  |
| (2 × DALI) | 4000 K | ↓ 3010 ↑ 3710 lm | | |
| 53 W | 3000 K | ↓ 3530 ↑ 4070 lm | 1474 | 058-4105::3  |
| (2 × DALI) | 4000 K | ↓ 4010 ↑ 4630 lm | | |
| 87 W | 3000 K | ↓ 6170 ↑ 6510 lm | 2351 | 058-4108::3  |
| (2 × DALI) | 4000 K | ↓ 7030 ↑ 7410 lm | | |
| 110 W | 3000 K | ↓ 7940 ↑ 8140 lm | 2936 | 058-4109::3  |
| (2 × DALI) | 4000 K | ↓ 9030 ↑ 9270 lm | | |



INDIRECT

| SYS. POWER | COLOUR TEMP. | LUM. FLUX | L (mm) | ORDER CODE |
|------------|--------------|-----------|--------|---|
| 24.1 W | 3000 K | 3260 lm | 1181 | 058-4204::3  |
| | 4000 K | 3710 lm | | |
| 29.5 W | 3000 K | 4070 lm | 1474 | 058-4205::3  |
| | 4000 K | 4630 lm | | |
| 47 W | 3000 K | 6510 lm | 2351 | 058-4208::3  |
| | 4000 K | 7410 lm | | |
| 58 W | 3000 K | 8140 lm | 2936 | 058-4209::3  |
| | 4000 K | 9270 lm | | |

BLIND CHANNEL incl. through wiring

| L (mm) | ORDER CODE |
|--------|--|
| 595 | 058-490203  |
| 1181 | 058-490403  |
| 2351 | 058-490803  |
| 2936 | 058-490903  |



Accessories

see last page

LUMINOUS FLUX value calculated for
CRI_≥80, colour white, reflector chrome
CRI_≥90 -18%



TRACK 60 CONEX system

surface/suspended

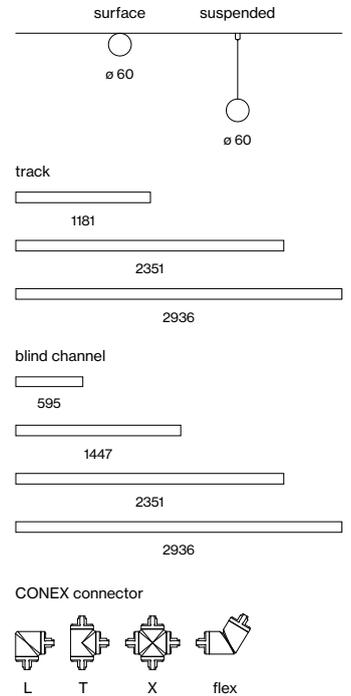
EN Cylindrical power track module in aluminium; surface powder coated; wall-/ ceiling surface mounting or suspended mounting; height adjustment without tools; with integrated 1-phase power track (L, N, PE) + 2 DALI copper conductors; designed for continuous lighting systems; optionally connectors (flex or L- / T- / X-shape) and BLIND CHANNEL; power track connection rotatable around its own axis, which means that any spatial angle can be realized; insets, incl. high power adapter + converter can be installed flexibly and without tools

ES Módulo de carril electrificado cilíndrico de aluminio; superficie con recubrimiento de pintura en polvo; montaje sobre pared/techo o suspendido; altura regulable sin herramientas; con carril electrificado monofásico integrado (fase, neutro y tierra) y 2 conductores de cobre DALI; diseñado para la creación de sistemas continuos; conectores opcionales (flex o en forma de L/T/X) y BLIND CHANNEL; conexión de carril electrificado girable en su propio eje que permite la orientación en cualquier ángulo de la sala; montaje flexible y sin herramienta de los insertos, incluyendo adaptador de alta potencia y alimentador

Quickinfo

DALI-2

Types



Colours



powerful 230V
phase track



connector
CONEX



combinable with
TUBO, TUBIN & SETA

Order options

THROUGH WIRE TYPE

| | |
|---|---|
| plug/socket  | 2 |
| socket/socket  | 3 |

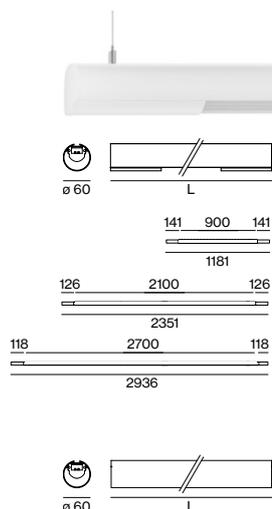
between two CONEX connectors
one socket/socket luminaire or blind
channel is needed

CONTROL

| | |
|--------|--|
| DALI-2 | |
|--------|--|

MATERIAL COLOUR

| | |
|---|---|
|  pure white RAL 9010 | 7 |
|  jet black RAL 9005 | 8 |



TRACK 60 CONEX surface/suspended system



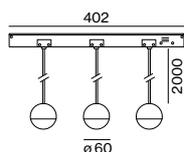
TRACK

| L (mm) | ORDER CODE |
|--------|--|
| 1181 | 058-480403  |
| 2351 | 058-480803  |
| 2936 | 058-480903  |

BLIND CHANNEL incl. through wiring

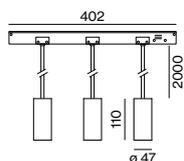
| L (mm) | ORDER CODE |
|--------|--|
| 595 | 058-490203  |
| 1181 | 058-490403  |
| 2351 | 058-490803  |
| 2936 | 058-490903  |

Compatible Spotlights



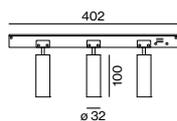
NOBA 60

| TYPE | INSET POWER | LUMINOUS FLUX | ORDER CODE |
|---------|-------------|---------------|-----------------|
| 1 lamp | 10 W | up to 1040lm | see MOVE IT PRO |
| 2 lamps | 19.2 W | up to 2090lm | see MOVE IT PRO |
| 3 lamps | 28.8 W | up to 3130lm | see MOVE IT PRO |



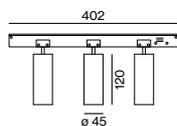
ARY

| TYPE | INSET POWER | LUMINOUS FLUX | ORDER CODE |
|---------|-------------|---------------|-----------------|
| 1 lamp | 14.1W | up to 1560lm | see MOVE IT PRO |
| 2 lamps | 28.2W | up to 3130lm | see MOVE IT PRO |
| 3 lamps | 41 W | up to 4679lm | see MOVE IT PRO |



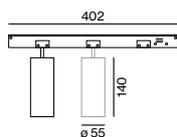
BO 32

| TYPE | INSET POWER | LUMINOUS FLUX | ORDER CODE |
|---------|-------------|---------------|-----------------|
| 1 lamp | 10.7W | up to 804lm | see BO 32/45/55 |
| 2 lamps | 20.5W | up to 1440lm | see BO 32/45/55 |
| 3 lamps | 32W | up to 2380lm | see BO 32/45/55 |



BO 45

| TYPE | INSET POWER | LUMINOUS FLUX | ORDER CODE |
|---------|-------------|---------------|-----------------|
| 1 lamp | 15.9W | up to 1400lm | see BO 32/45/55 |
| 2 lamps | 32 W | up to 2660lm | see BO 32/45/55 |
| 3 lamps | 42 W | up to 2360lm | see BO 32/45/55 |



BO 55

| TYPE | INSET POWER | LUMINOUS FLUX | ORDER CODE |
|---------|-------------|---------------|-----------------|
| 1 lamp | 24.8 W | up to 1940lm | see BO 32/45/55 |
| 2 lamps | 43 W | up to 3460lm | see BO 32/45/55 |

Accessories

see last page

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal
CRI ≥ 90 -18 %

Configuration example



Components



Order options

| MATERIAL COLOUR | | <input checked="" type="checkbox"/> |
|-----------------------|---|-------------------------------------|
| ○ pure white RAL 9010 | 7 | |
| ● jet black RAL 9005 | 8 | |

| MATERIAL COLOUR CABLE SUSPENSION | | <input checked="" type="checkbox"/> |
|-------------------------------------|---|-------------------------------------|
| ✓ chrome | 0 | |
| ● black | 8 | |

Accessories

END CAP

| TYPE | ORDER CODE |
|---------|--|
| end cap | 058-301001 <input checked="" type="checkbox"/> |



POWER FEEDER SURFACE

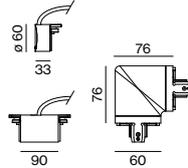
| TYPE | ORDER CODE |
|----------------------|--|
| end cap power feeder | <input checked="" type="checkbox"/> 058-301021 <input checked="" type="checkbox"/> |
| middle power feeder* | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 058-301121 <input checked="" type="checkbox"/> |



*incl. feeder cable 5×1.5mm²

POWER FEEDER SUSPENDED incl. feeder cable 5×1.5mm²

| TYPE | L (mm) | ORDER CODE |
|------------------------|--|--|
| end cap power feeder | <input checked="" type="checkbox"/> 1500 | 058-301041 <input checked="" type="checkbox"/> |
| middle power feeder* | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 1500 | 058-301131 <input checked="" type="checkbox"/> |
| L CONEX power feeder** | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 1500 | 058-301873 <input checked="" type="checkbox"/> |



*order cable suspension separately; **order CONEX cable suspension separately

LINEAR CONNECTOR

| TYPE | ORDER CODE |
|--|--|
| linear connector mechanical | 058-301311 <input checked="" type="checkbox"/> |
| linear connector mechanical & electrical | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 058-301312 <input checked="" type="checkbox"/> |



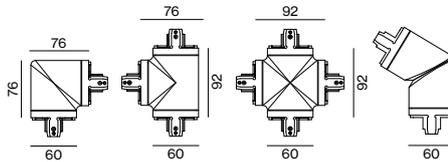
LINEAR CONNECTOR SUSPENDED incl. cable suspension 1500 mm

| TYPE | L (mm) | ORDER CODE |
|----------------------------------|--|--|
| mechanical | 1500 | 058-301321 <input checked="" type="checkbox"/> |
| mechanical angular max. 60° | 1500 | 058-301331 <input checked="" type="checkbox"/> |
| mechanical & electrical | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 1500 | 058-301322 <input checked="" type="checkbox"/> |
| mech. & electr. angular max. 60° | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 1500 | 058-301332 <input checked="" type="checkbox"/> |



CONEX CONNECTOR

| TYPE | ORDER CODE |
|------------------------------------|--|
| L CONEX connector mech. & electr.* | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 058-301872 <input checked="" type="checkbox"/> |
| T CONEX connector mech. & electr.* | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 058-301882 <input checked="" type="checkbox"/> |
| X CONEX connector mech. & electr.* | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 058-301892 <input checked="" type="checkbox"/> |
| CONEX flex connector | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 058-301862 <input checked="" type="checkbox"/> |



*order CONEX cable suspension separately

MOUNTING SET

| TYPE | L (mm) | ORDER CODE |
|-----------------------------------|--------|--|
| ceiling mounting set | 75 | 058-301411 <input checked="" type="checkbox"/> |
| wall mounting accessory | 25 | 058-301441 <input checked="" type="checkbox"/> |
| cable suspension | 1500 | 058-301421 <input checked="" type="checkbox"/> |
| cable suspension angular max. 60° | 1500 | 058-301431 <input checked="" type="checkbox"/> |
| connector cable suspension | 1500 | 058-301811 <input checked="" type="checkbox"/> |
| tool for CONEX cable suspension | - | 050-2049110 |



CANOPY

| TYPE | Ø-H (mm) | ORDER CODE |
|--------|----------|--|
| canopy | 90-22 | 005-260003 <input checked="" type="checkbox"/> |



for electrical system configuration see luminaire data sheet at xal.com

SENSOR DALI-2

| TYPE | L (mm) | ORDER CODE |
|---|---|--|
| ESSENTIAL (brightness & presence) | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 90 | 058-301911 <input checked="" type="checkbox"/> |
| SENSE (brightness, presence, temperature, sound pressure, humidity, CO ₂) | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> 155 | 058-301921 <input checked="" type="checkbox"/> |



order linear connector mechanical & electrical separately