

TUBO/SETA/TUBIN 60 CONEX system

surface/suspended

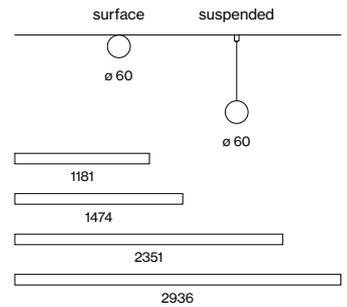
EN Cylindrical lighting system in aluminium; powder coated; wall-/ceiling surface mounting or suspended mounting; height adjustment without tools; incl. feeder cable; electrical connection of the luminaires via plug/socket system; optionally connectors (L-, T- or X-shape); luminaire connection rotatable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

DE Zylindrisches Lichtsystem aus Aluminium; pulverbeschichtet; Wand-/Deckenanbau oder abgehängte Montage; werkzeuglose Höhenverstellung; inkl. Einspeiseleitung; elektrische Verbindung der Leuchten mittels Buchse/Stecker System; optionale Verbinder (L-, T- oder X-Form); Leuchtenverbindung um eigene Achse drehbar, dadurch beliebige Raumwinkel realisierbar; wahlweise zylindr. HPO (High Performance Opal) Abdeckung, hochglänzender Reflektor mit Facettenoptik oder klare, zylindrische Abdeckung mit Linearprismenoptik; Lichtlenkung mittels hochwertiger Linsenoptik für homogene Ausleuchtung (TUBO, TUBIN); direkte, indirekte bzw. direkt / indirekte Abstrahlcharakteristik (SETA); Indirektlichtanteil mit eigenen Platinen u. hochwertiger Linsenoptik für homog. Deckenaufhellung, separat steuerbar; energieeff. LEDs - sehr gute Farbwiedergabe

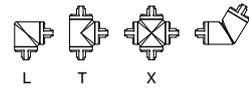
Quickinfo

3000K, 4000K
 CRI ≥ 80, CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 167 lm/W
 opal up to 3100 lm/m
 L90 @ 50000h
 DALI-2
 opal, reflector (UGR ≤ 19)

Types



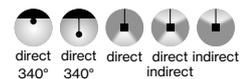
CONEX connector



Colours



Light distributions



connector
CONEX



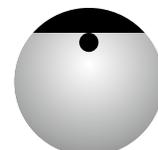
combinable with
TUBO & SETA



up to 160 lm/W
(high efficiency)



DIN EN 12464-1
UGR ≤ 19



TUBO: direct
340° uniform
illumination



SETA: direct
and 170° indirect
illumination

Order options

THROUGH WIRE TYPE

standard 	2
CONEX L/T/X 	3

between two CONEX connectors
one CONEX 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



TUBO 60 surface/suspended



OPAL 340° DIRECT

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

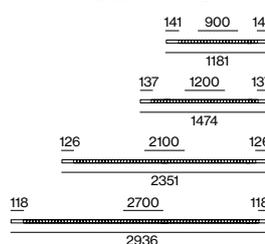


SETA 60 surface/suspended

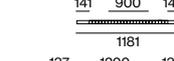
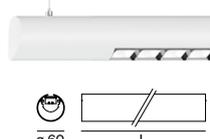


REFLECTOR DIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
18.6 W	3000K	2650lm	1181	0 5 8 - 4 0 4 :: 3 4
	4000K	3010lm		
24.9 W	3000K	3530lm	1474	0 5 8 - 4 0 5 :: 3 4
	4000K	4010lm		
43 W	3000K	6170lm	2351	0 5 8 - 4 0 8 :: 3 4
	4000K	7030lm		
54 W	3000K	7940lm	2936	0 5 8 - 4 0 9 :: 3 4
	4000K	9030lm		

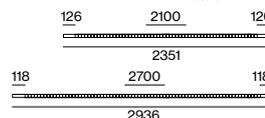


SETA 60 suspended



REFLECTOR DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
42 W	3000K	↓ 2620 / ± 3260lm	1181	0 5 8 - 4 1 4 :: 3 4
(2 × DALI)	4000K	↓ 3010 / ± 3710lm		
53 W	3000K	↓ 3530 / ± 4070lm	1474	0 5 8 - 4 1 5 :: 3 4
(2 × DALI)	4000K	↓ 4010 / ± 4630lm		
87 W	3000K	↓ 6170 / ± 6510lm	2351	0 5 8 - 4 1 8 :: 3 4
(2 × DALI)	4000K	↓ 7030 / ± 7410lm		
110 W	3000K	↓ 7940 / ± 8140lm	2936	0 5 8 - 4 1 9 :: 3 4
(2 × DALI)	4000K	↓ 9030 / ± 9270lm		



INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
24.1 W	3000K	3260lm	1181	0 5 8 - 4 2 4 :: 3 4
	4000K	3710lm		
29.5 W	3000K	4070lm	1474	0 5 8 - 4 2 5 :: 3 4
	4000K	4630lm		
47 W	3000K	6510lm	2351	0 5 8 - 4 2 8 :: 3 4
	4000K	7410lm		
58 W	3000K	8140lm	2936	0 5 8 - 4 2 9 :: 3 4
	4000K	9270lm		

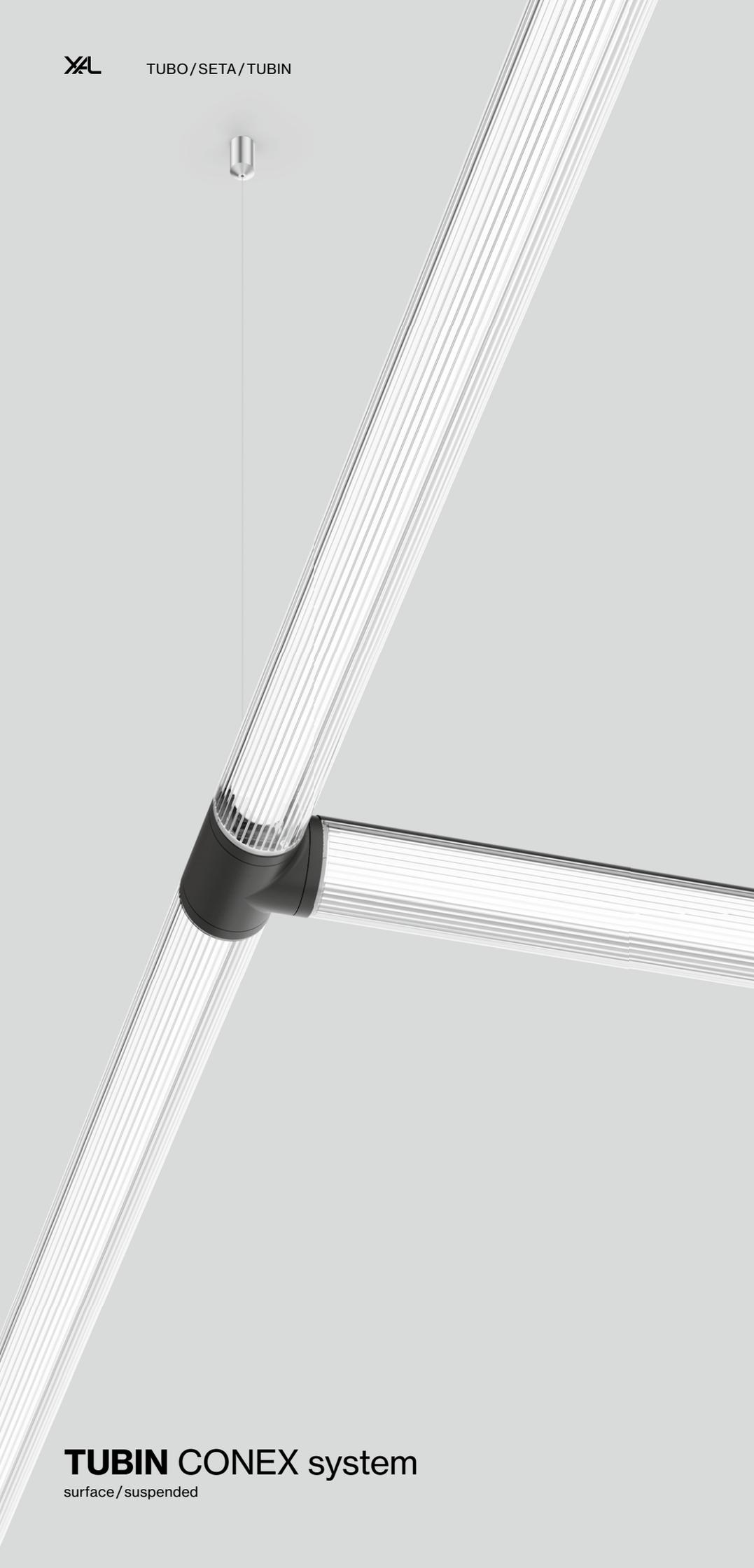
Accessories

see next page

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



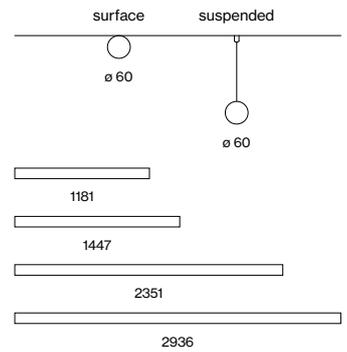
TUBO/SETA/TUBIN



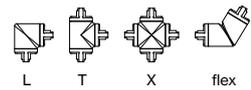
Quickinfo

3000K, 4000K
CRI ≥ 80, CRI ≥ 90, 3 SDCM
up to 143lm/W
up to 3280lm/m
L90@50000h
DALI-2
lens / clear cover

Types



CONEX connector



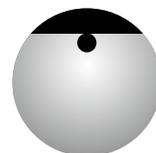
Colours



Light distributions



combinable with
TUBO & SETA



340° uniform
illumination



up to 133lm/W
(high efficiency)

TUBIN CONEX system
surface/suspended

Order options

THROUGH WIRE TYPE

standard 	2
CONEX L/T/X 	3

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

COLOUR TEMPERATURE

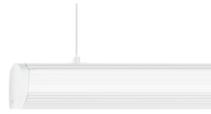
3000 K (CRI \geq 90)	0
4000 K (CRI \geq 90)	1
3000 K (CRI \geq 80)	5
4000 K (CRI \geq 80)	6

CONTROL

DALI-2

MATERIAL COLOUR

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



TUBIN 60 surface/suspended



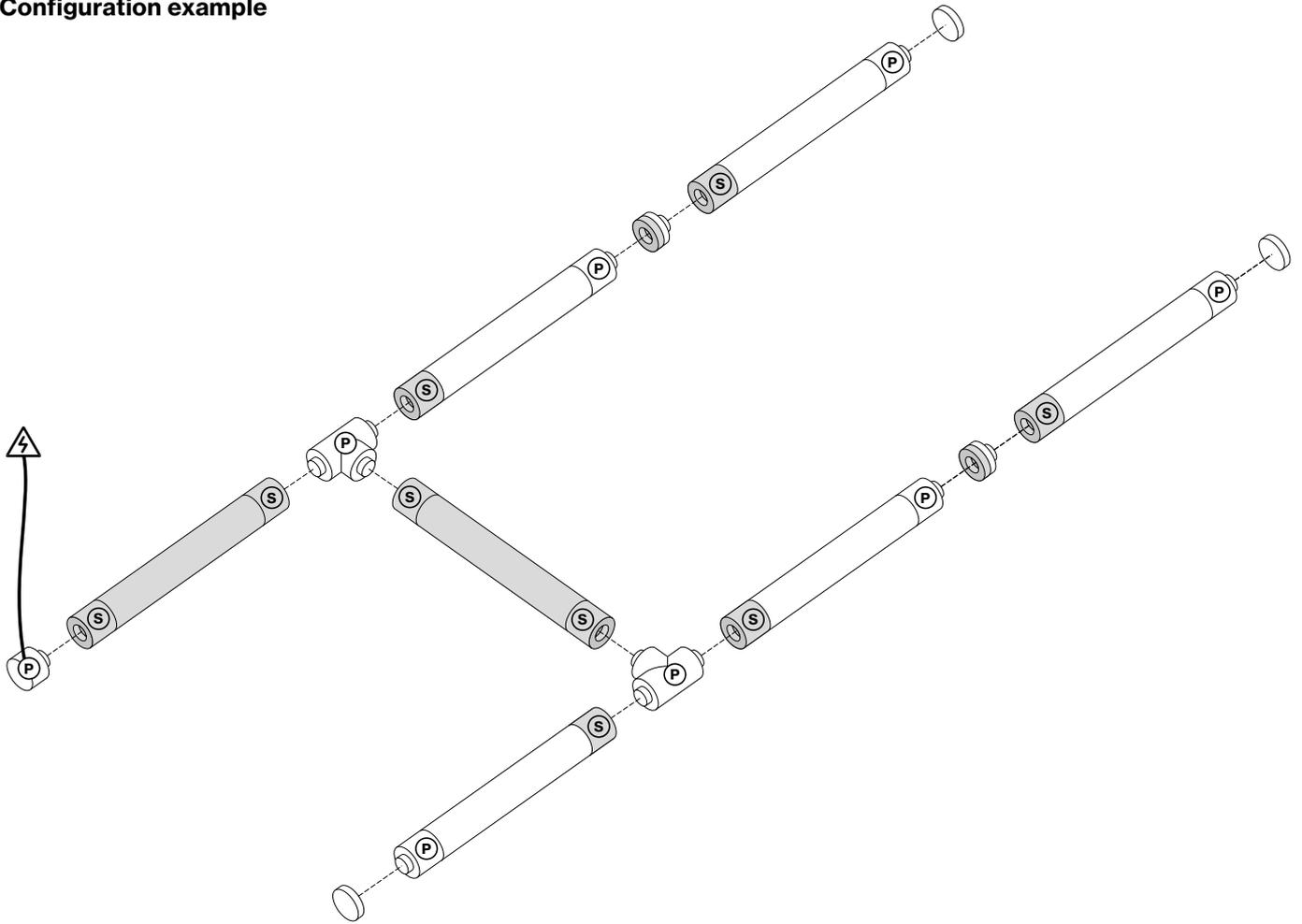
CLEAR 340° DIRECT

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  C
	4000 K	3870 lm		
34 W	3000 K	4220 lm	1474	0 5 8 - 5 0 5 :: 3  C
	4000 K	4800 lm		
54 W	3000 K	6750 lm	2351	0 5 8 - 5 0 8 :: 3  C
	4000 K	7680 lm		
67 W	3000 K	8430 lm	2936	0 5 8 - 5 0 9 :: 3  C
	4000 K	9590 lm		

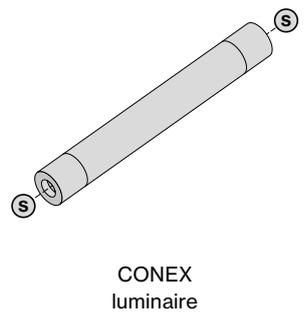
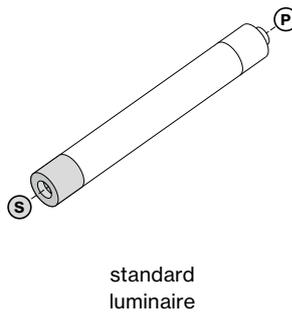
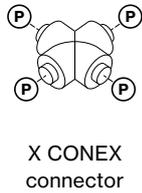
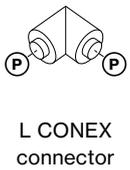
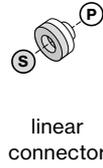
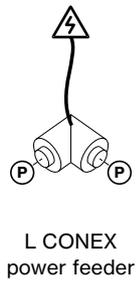
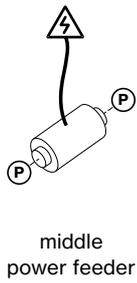
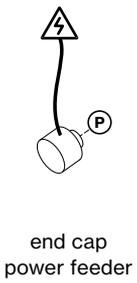
Accessories

see next page

Configuration example



Components



Order options

THROUGH WIRE TYPE

standard 	2
CONEX L/T/X 	3

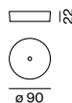
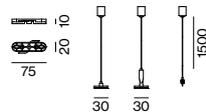
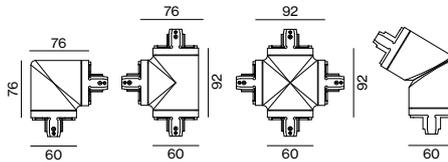
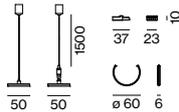
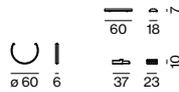
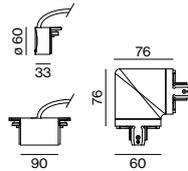
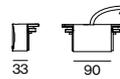
between two CONEX connectors
one CONEX luminaire or blind channel
is needed

MATERIAL COLOUR

 pure white RAL 9010	7
 jet black RAL 9005	8

MATERIAL COLOUR CABLE SUSPENSION

 chrome	0
 black	8



Accessories

END CAP

TYPE	ORDER CODE
end cap	058-301001 

POWER FEEDER SURFACE

TYPE	ORDER CODE
end cap power feeder 	058-301021 
middle power feeder* 	058-301121 

*incl. feeder cable 5×1.5mm²

POWER FEEDER SUSPENDED incl. feeder cable 5×1.5mm²

TYPE	L (mm)	ORDER CODE
end cap power feeder 	1500	058-301041 
middle power feeder* 	1500	058-301131 
L CONEX power feeder** 	1500	058-301873 

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

LINEAR CONNECTOR

TYPE	ORDER CODE
linear connector mechanical	058-301311 
linear connector mechanical & electrical 	058-301312 

LINEAR CONNECTOR SUSPENDED incl. cable suspension 1500mm

TYPE	L (mm)	ORDER CODE
mechanical	1500	058-301321 
mechanical angular max. 60°	1500	058-301331 
mechanical & electrical 	1500	058-301322 
mech. & electr. angular max. 60° 	1500	058-301332 

CONEX CONNECTOR

TYPE	ORDER CODE
L CONEX connector mech. & electr.* 	058-301872 
T CONEX connector mech. & electr.* 	058-301882 
X CONEX connector mech. & electr.* 	058-301892 
CONEX flex connector 	058-301862 

*order CONEX cable suspension separately

MOUNTING SET

TYPE	L (mm)	ORDER CODE
ceiling mounting set	75	058-301411 
wall mounting accessory	25	058-301441 
cable suspension	1500	058-301421 
cable suspension angular max. 60°	1500	058-301431 
connector cable suspension	1500	058-301811 
tool for CONEX cable suspension	-	050-2049110

CANOPY

TYPE	Ø-H (mm)	ORDER CODE
canopy	90-22	005-260003 

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

BLIND CHANNEL incl. through wiring

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

SENSOR DALI-2

TYPE	ORDER CODE
ESSENTIAL (brightness & presence) 	058-301911 
SENSE (brightness, presence, temperature, sound pressure, humidity, CO ₂) 	058-301921 