



reddot winner 2023



TUBO/TUBIN 60 CONEX system

surface / suspended

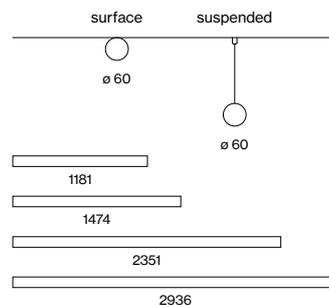
EN Cylindrical lighting system in aluminium; surface powder coated; wall-/ceiling surface mounting or suspended mounting; height adjustment without tools; incl. feeder cable; electrical connection of the luminaires via plug/socket system; optionally connectors (flex or L- / T- / X-shape) and BLIND CHANNEL; 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

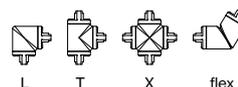
Quickinfo

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



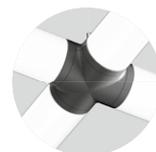
Colours



Light distributions



up to 143 lm/W
 (high efficiency)



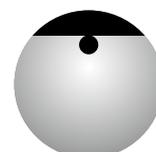
connector
 CONEX



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

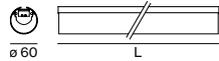
3000 K (CRI _≥ 90)	0
4000 K (CRI _≥ 90)	1
3000 K (CRI _≥ 80)	5
4000 K (CRI _≥ 80)	6

CONTROL

DALI-2	
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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



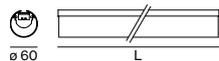
OPAL 340° DIRECT

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



red dot winner 2023



SETA 60 CONEX system

surface/suspended

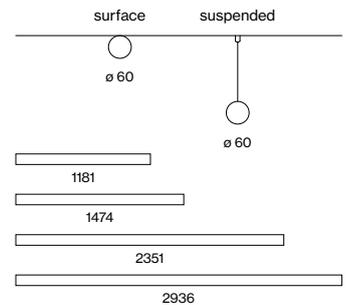
EN Cylindrical lighting system in aluminium; surface powder coated; wall-/ceiling surface mounting or suspended mounting; height adjustment without tools; incl. feeder cable; electrical connection of the luminaires via plug/socket system; optionally connectors (flex or L- / T- / X-shape) and BLIND CHANNEL; 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.

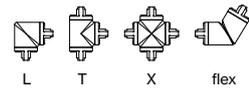
Quickinfo

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

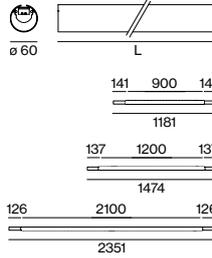
DALI-2	
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MATERIAL COLOUR

 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

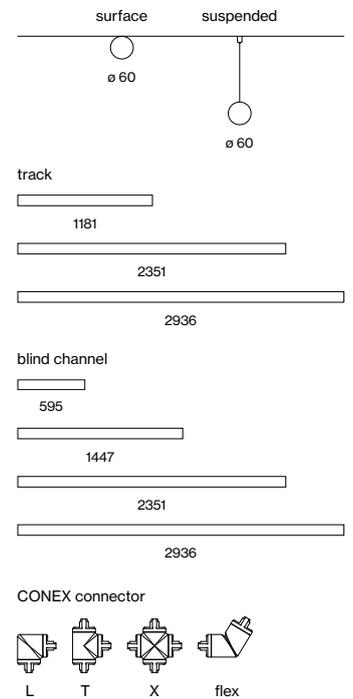
EN Cylindrical power track module in aluminium; surface powder coated; wall-/ ceiling surface mounting or suspended mounting; height adjustment without tools; with integrated 1-phase power track (L, N, PE) + 2 DALI copper conductors; designed for continuous lighting systems; optionally connectors (flex 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

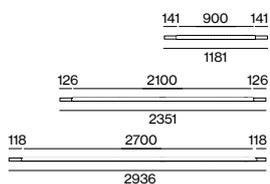
between two CONEX connectors
one socket/socket luminaire or blind
channel is needed

CONTROL

DALI-2	
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MATERIAL COLOUR

 pure white RAL 9010	7
 jet black RAL 9005	8



TRACK 60 CONEX surface/suspended system



TRACK

L (mm)

1181	
2351	
2936	

ORDER CODE

058-48		403	
058-48		803	
058-48		903	

BLIND CHANNEL incl. through wiring

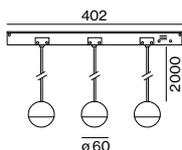
L (mm)

595	
1181	
2351	
2936	

ORDER CODE

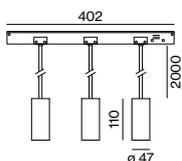
058-49		203	
058-49		403	
058-49		803	
058-49		903	

Compatible Spotlights



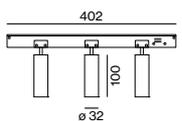
NOBA 60

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



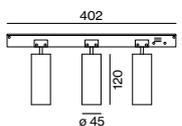
ARY

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



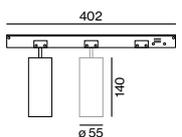
BO 32

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

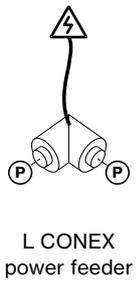
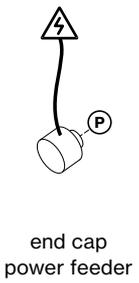
see last page

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 (P)	058-301021 <input checked="" type="checkbox"/>
middle power feeder* (P)(P)	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 (P)	1500	058-301041 <input checked="" type="checkbox"/>
middle power feeder* (P)(P)	1500	058-301131 <input checked="" type="checkbox"/>
L CONEX power feeder** (P)(P)	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 (P)(S)	058-301312 <input checked="" type="checkbox"/>



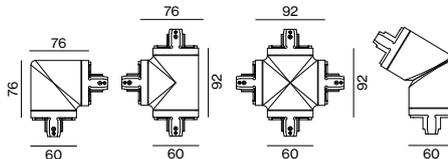
LINEAR CONNECTOR SUSPENDED incl. cable suspension 1500mm

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 (P)(S)	1500	058-301322 <input checked="" type="checkbox"/>
mech. & electr. angular max. 60° (P)(S)	1500	058-301332 <input checked="" type="checkbox"/>



CONEX CONNECTOR

TYPE	ORDER CODE
L CONEX connector mech. & electr.* (P)(P)	058-301872 <input checked="" type="checkbox"/>
T CONEX connector mech. & electr.* (P)(P)(P)	058-301882 <input checked="" type="checkbox"/>
X CONEX connector mech. & electr.* (P)(P)(P)(P)	058-301892 <input checked="" type="checkbox"/>
CONEX flex connector (P)(P)	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) (P)(P)	90	058-301911 <input checked="" type="checkbox"/>
SENSE (brightness, presence, temperature, sound pressure, humidity, CO ₂) (P)(P)	155	058-301921 <input checked="" type="checkbox"/>



order linear connector mechanical & electrical separately