

reddot winner 2023



DESIGN
AWARD
2022

TUBO/SETA 60 CONEX system

surface / suspended

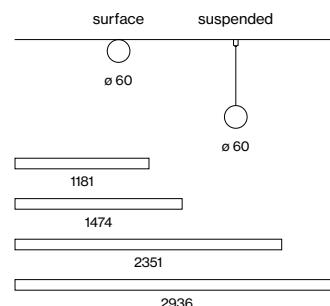
EN Cylindrical lighting system in aluminium; powder coated; ceiling surface mounting or suspended mounting; height adjustment without tools; with transparent feeder cable; electrical connection of the luminaires via plug/socket system; optionally connectors (L-, T- or X-shape); luminaire connection rotatable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

IT Sistema di illuminazione cilindrico in alluminio; verniciatura a polvere; montaggio a soffitto o a sospensione; regolazione altezza senza utensili; con cavo di alimentazione trasparente; collegamento elettrico degli apparecchi tramite sistema presa/spina; connettore opzionale (a L, a T o a X); collegamento dell'apparecchio ruotabile attorno al proprio asse, il che rende possibile realizzare qualsiasi angolo spaziale; a scelta cover cilindrica HPO (High Performance Opal) o riflettore ad alta lucentezza con design sfaccettato; orientamento della luce controllabile tramite un'ottica lenticolare di alta qualità per un'illuminazione omogenea (HPO); emissione diretta, indiretta e diretta/indiretta (riflettore); componente luce indir. PCB speciali e ottica lent. di alta qualità per un'illuminazione omog. del soffitto, contr. separ.; LED a risp. energ. - ottima resa cromatica

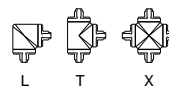
Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
opal up to 3230 lm/m
up to 160 lm/W
L90 @ 50 000 h
DALI-2
opal, reflector (UGR ≤ 19)

Types



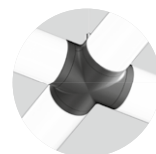
CONEX connector



Colours



Light distributions



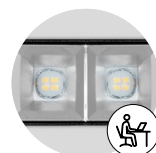
connector
CONEX



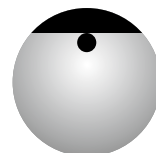
combinable with
TUBO & SETA



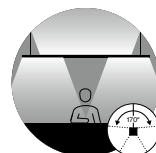
up to 160 lm/W
(high efficiency)



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

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

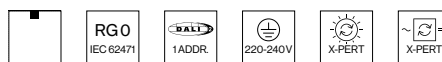
○ pure white RAL 9010	7
● jet black RAL 9005	8

REFLECTOR COLOUR

✓ chrome	R
● dark chrome	B

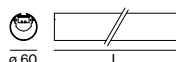


TUBO 60 surface/suspended



OPAL 340° DIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
33 W	3000K	3560lm	1181	058-3004330
	4000K	3760lm		
37 W	3000K	4130lm	1474	058-3005330
	4000K	4290lm		
66 W	3000K	7110lm	2351	058-3008330
	4000K	7530lm		
82 W	3000K	8890lm	2936	058-3009330
	4000K	9410lm		

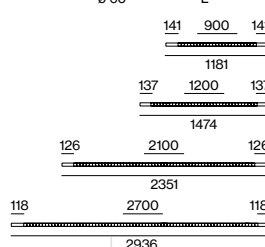


SETA 60 surface/suspended

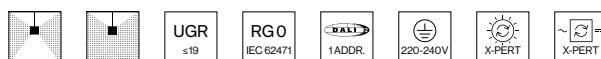


REFLECTOR DIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19.3 W	3000K	2670lm	1181	058-4004330
	4000K	3040lm		
24 W	3000K	3240lm	1474	058-4005330
	4000K	3370lm		
45 W	3000K	6240lm	2351	058-4008330
	4000K	7100lm		
58 W	3000K	8020lm	2936	058-4009330
	4000K	9130lm		

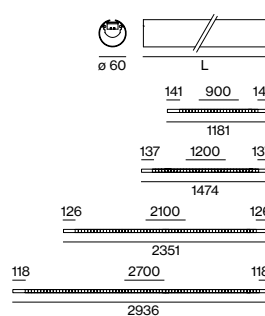


SETA 60 suspended



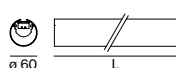
REFLECTOR DIRECT/INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
45 W	3000K	↓ 2670/↑ 3530lm	1181	058-4104330
(2×DALI)	4000K	↓ 3040/↑ 4010lm		
56 W	3000K	↓ 3240/↑ 4380lm	1474	058-4105330
(2×DALI)	4000K	↓ 3370/↑ 4980lm		
92 W	3000K	↓ 6240/↑ 7050lm	2351	058-4108330
(2×DALI)	4000K	↓ 7100/↑ 8030lm		
116 W	3000K	↓ 8020/↑ 8820lm	2936	058-4109330
(2×DALI)	4000K	↓ 9130/↑ 10000lm		



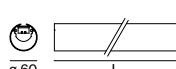
INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
26.1 W	3000K	3530lm	1181	058-4204330
	4000K	4010lm		
33 W	3000K	4340lm	1474	058-4205330
	4000K	4510lm		
52 W	3000K	7050lm	2351	058-4208330
	4000K	8030lm		
65 W	3000K	8820lm	2936	058-4209330
	4000K	10000lm		



BLIND CHANNEL incl. through wiring

L (mm)	ORDER CODE
585	058-4902030
1185	058-4904030
2351	058-4908030
2936	058-4909030

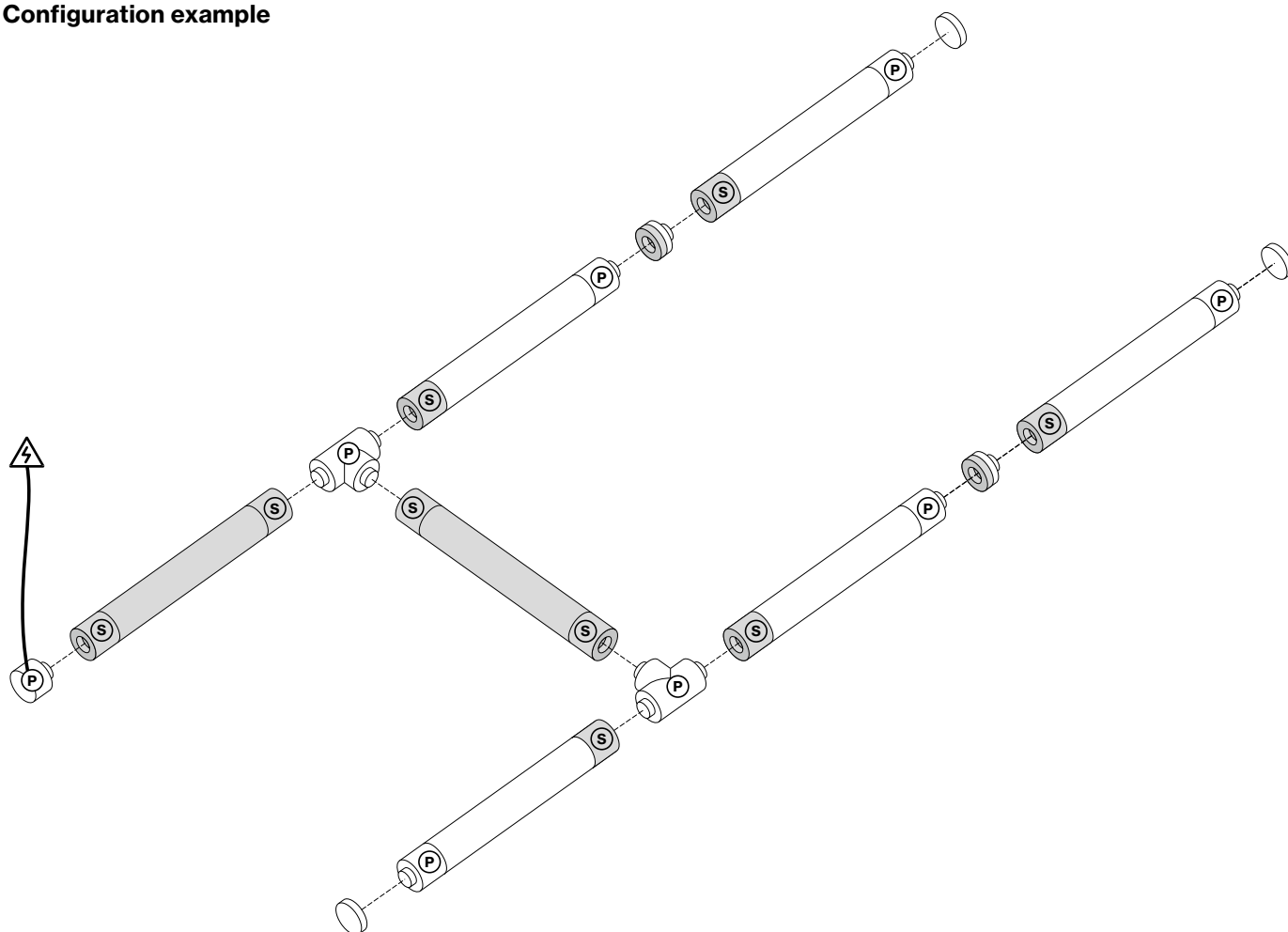


LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
or reflector chrome

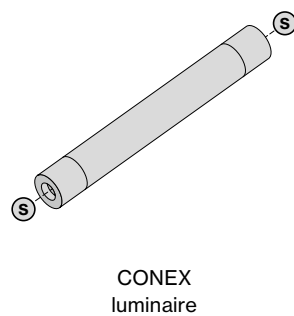
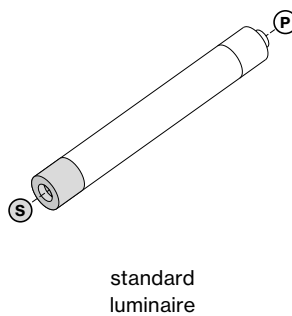
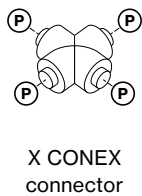
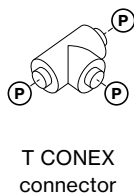
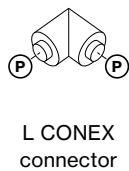
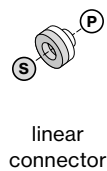
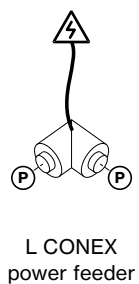
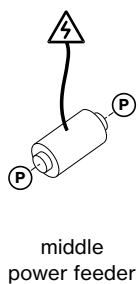
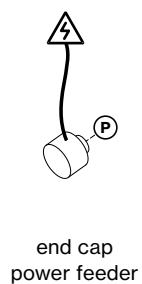
Accessories

see next page

Configuration example



Components



Order options

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8

MATERIAL COLOUR CABLE SUSPENSION	
✓ chrome	0
● black	8



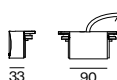
Accessories

END CAP

TYPE	ORDER CODE
end cap	058-301001

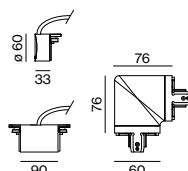
POWER FEEDER SURFACE

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

*incl. feeder cable 5 × 1.5 mm²POWER FEEDER SUSPENDED incl. feeder cable 5 × 1.5 mm²

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



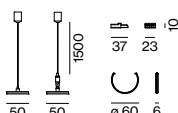
LINEAR CONNECTOR

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



LINEAR CONNECTOR SUSPENDED incl. cable suspension 1500 mm

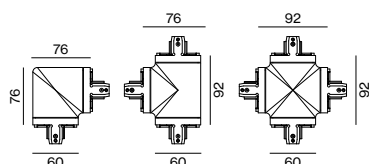
TYPE	L (mm)	ORDER CODE
mechanical	1500	058-301321
mechanical angular max. 60°	1500	058-301331
mechanical & electrical	ⓅⓈ 1500	058-301322
mech. & electr. angular max. 60°	ⓅⓈ 1500	058-301332



CONEX CONNECTOR

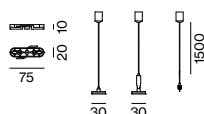
TYPE	ORDER CODE
L CONEX connector mech. & electr.	ⓅⓅ 058-301872
T CONEX connector mech. & electr.	ⓅⓅⓅ 058-301882
X CONEX connector mech. & electr.	ⓅⓅⓅⓅ 058-301892

order CONEX cable suspension separately



MOUNTING SET

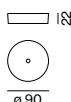
TYPE	L (mm)	ORDER CODE
ceiling mounting set	75	058-301411
cable suspension	1500	058-301421
cable suspension angular max. 60°	1500	058-301431
CONEX cable suspension	1500	058-301811



CANOPY

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

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



SENSOR DALI-2

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

