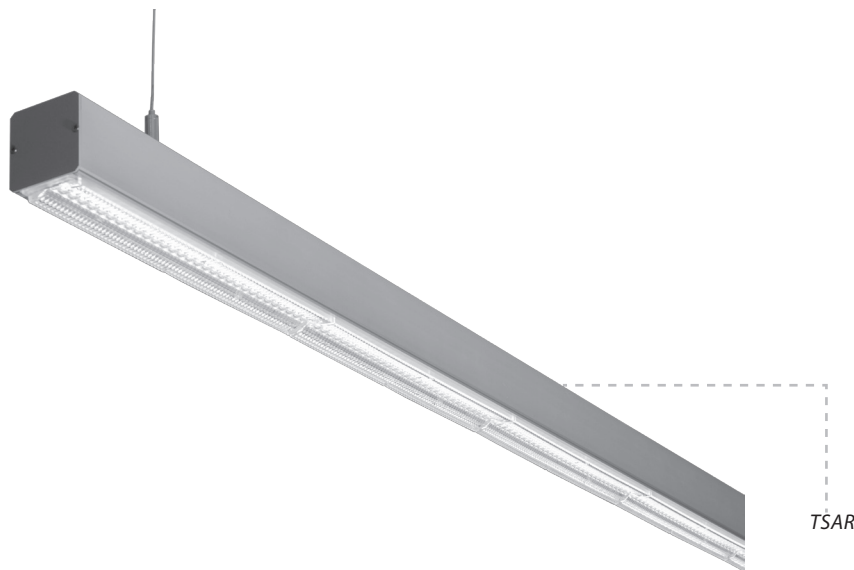
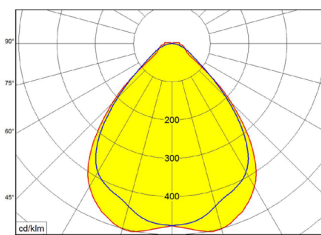
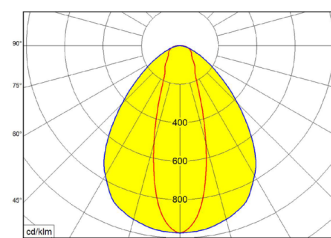


CN



CW



CHR

Linear fittings

Body:

Eloxal aluminium profile

Optic:

Linear plastic optics

CN – narrow 60°

CW – wide 90°

CHR – high rack 35°

CRA – retail asymmetric

KO – opal cover

KN – prismatic cover

Application:

Installation into continuous line

TSAR/B/...gear tray – light unit with optic

TSAR/C/...accessories

TSAR/C/PS...connection set for power cable entry

TSAR/C/KS ... output cable set

TSAR/C/L...blind tray (cover) 1422 mm

TSAR/C/HAK...pendant set – 2 hooks for chain suspension

TSAR/C/SUA/L – sensor unit incl. DALI controller

TSAR/C/SUP/L – unit with a PIR sensor

TSAR/C/ZH21 – suspension set - 2 pcs of ropes (2m)

TSAR/C/D – surface mounting bracket

System components:

TSARP/A/...trunking AL base with 9 (or 5 or 7) - lines wiring, incl. connectros, for surface installation

TSAR/A/...trunking AL base with 9 (or 5 or 7) - lines wiring, incl. connectros, for pendant installation 2L = 2844 mm 1L = 1422 mm



η_{ef} (lm/W)
125-159

2200	2700	3000	4000	5700	6500	MIX	RGB	
×	○	○	●	○	○	×	×	●
ON/OFF	1-10V	DALI	Bluetooth	3-Phase	Beam Spread	INT	EXT	Beam Spread
●	×	○	○	×	○	○	×	●

● default

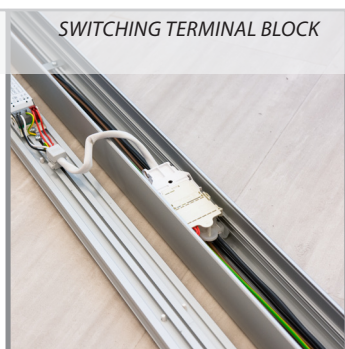
○ optional

×

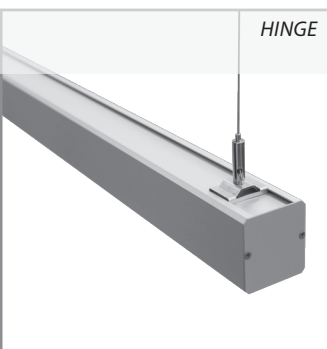
not possible



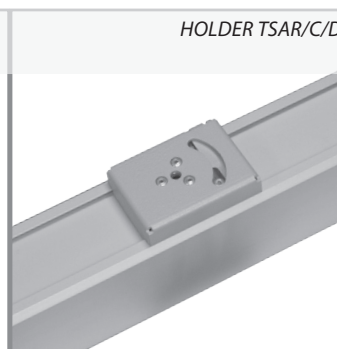
TSAR/A+TSAR/B



SWITCHING TERMINAL BLOCK



HINGE



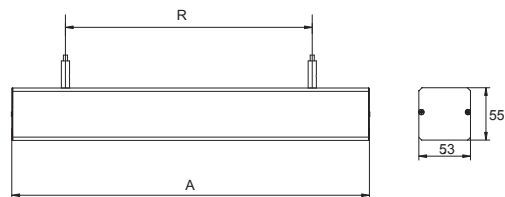
HOLDER TSAR/C/D

Codes: TSAR/A/2L9

Trunking base



TSAR	/A	/2L	9
Luminaire type	A = rail	body length: 1L = 1422 mm 2L = 2844 mm	nr of wires 5 7 9

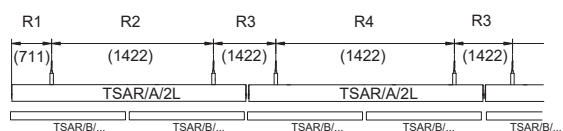


Codes: TSAR/B/5000L4CN/

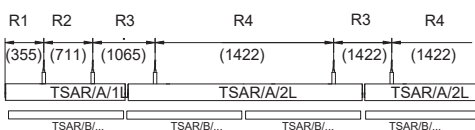
ND Light units

TSAR	/B	/5000	L	4	CN	/ND
Luminaire type	B = light unit	Light output	body length: L = 1422 mm	Color temperature 3=3000K, 4=4000K,	Optic CN – narrow beam 60° CW – wide beam 90° CHR – high rack 35° CRA – retail asymmetric	Driver type: ND – no dimmable DALI – dimmable DALI NZ = emergency 1h

ASSEMBLAGE 2L+2L+2L ...

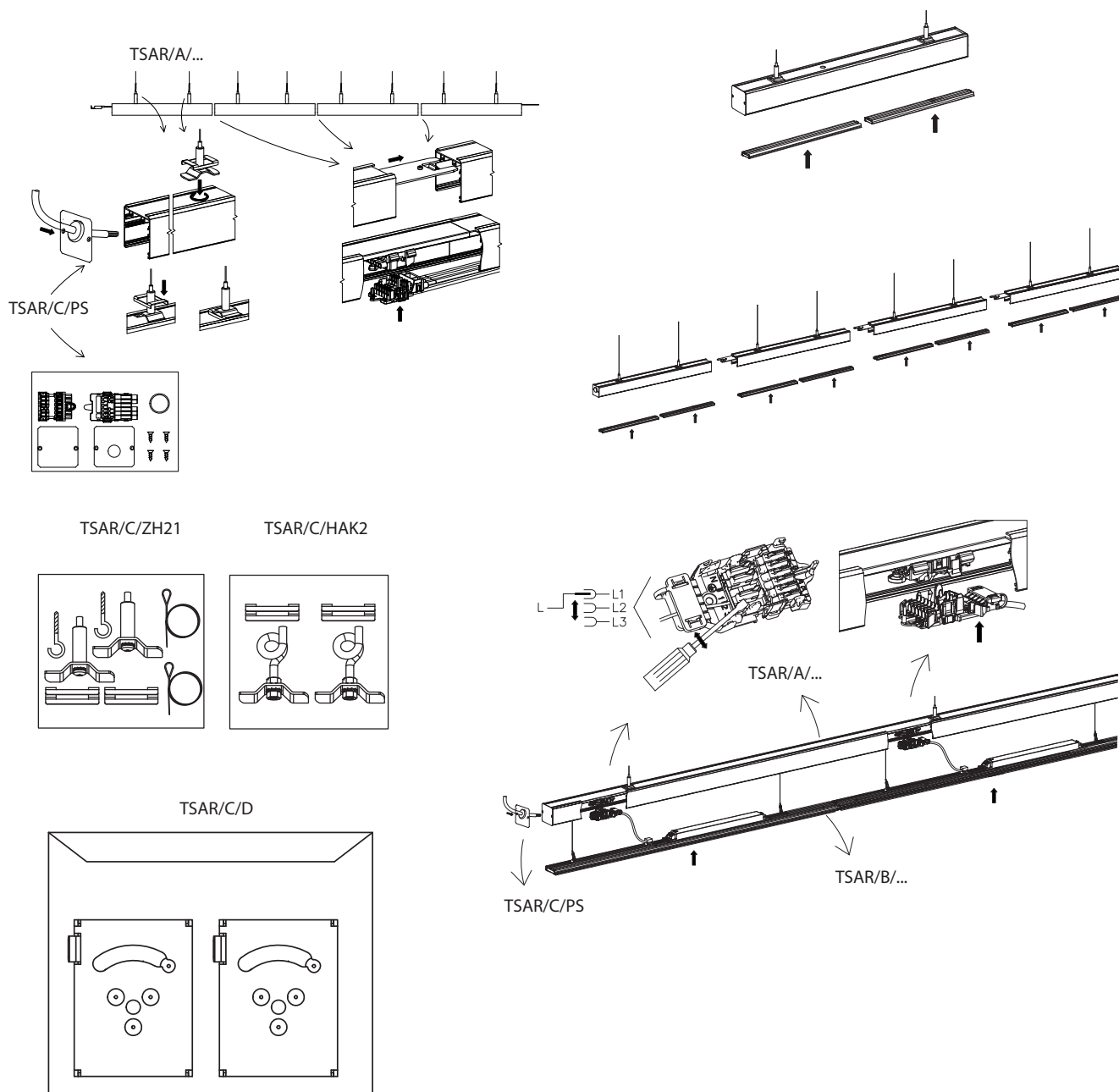


ASSEMBLAGE 1L+2L+2L ...



TSAR/A/	B	C	R1	R2	R3	R4	kg
2L (2844mm)	53	55	711	1422	1422	1422	2,8
1L (1422mm)			355	711	1 065	-	1,6

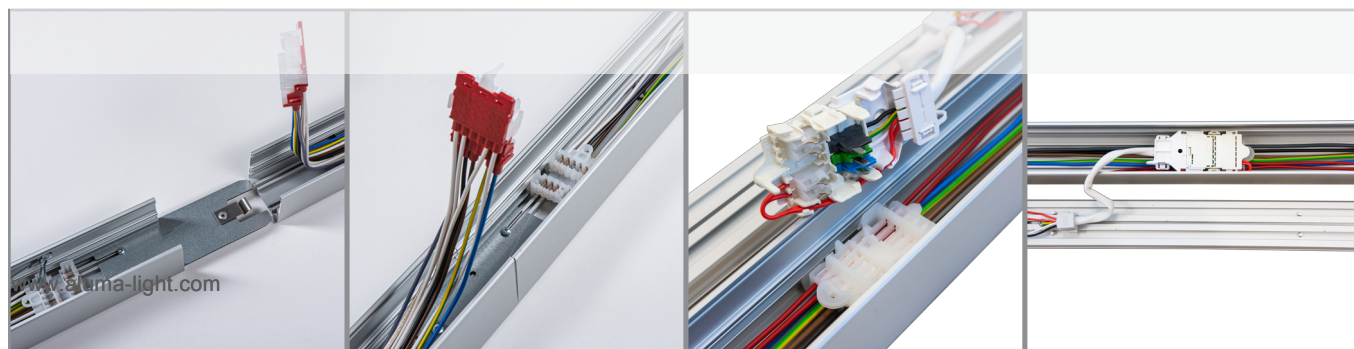
TSAR/B/	W	lm						A	B	C	kg
		CW	CN	CHR	CRA	KN	KO				
TSAR/B/4000L	22	3 500	3 200	3 100	2 900	2 900	2 800	1422	53	55	2,5
TSAR/B/6000L	39	5 600	5 200	5 000	4 700	4 900	4 600				
TSAR/B/8000L	57	7 700	7 200	7 000	6 500	6 700	6 300				
TSAR/B/10000L	65	9 700	9 000	8 800	8 200	8 400	7 900				

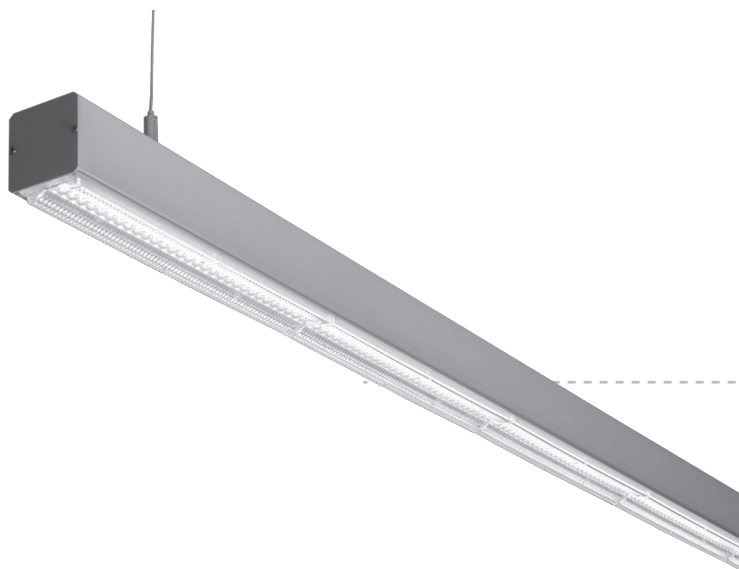


Maximum loading of automatic circuit breakers

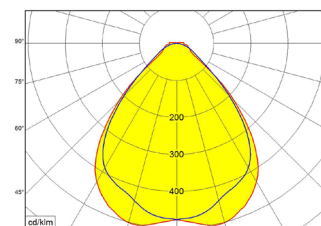
ND	C10	C13	C16	C20	B10	B13	B16	B20
TSAR/B/4000L	35	50	65	75	28	40	52	60
TSAR/B/6000L	13	17	22	26	8	10	13	16
TSAR/B/8000L	10	15	18	23	6	9	11	14

DALI	C10	C13	C16	C20	B10	B13	B16	B20
TSAR/B/4000L	24	32	40	49	15	19	24	30
TSAR/B/6000L	13	17	22	26	8	10	13	16
TSAR/B/8000L	13	17	22	26	8	10	13	16



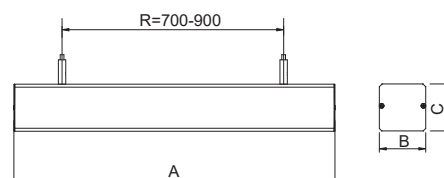


η_{ef} (lm/W)
125-159



TSAR CW

TSAR SOLO



Eloxal aluminium profile

Body:

Eloxal aluminium profile

Optic:

Linear plastic optics

CN – narrow 60°

CW – wide 90°

CHR – high rack 35°

CRA – retail asymmetric

KO – opal cover

KN – prismatic cover

Application:

- pendant or surface installation of single fittings
- suspension set included

Variants:

- TSAR – fittings for pendant installation-
suspension set included
- TSARP – fittings for surface installation-



2200	2700	3000	4000	5700	6500	MIX	RGB	
×	○	○	●	○	○	×	×	●
ON/OFF	1-10V	DALI	Bluetooth	Mesh	Beam	INT	EXT	Life Time
●	×	○	○	×	○	○	×	×

● default ○ optional × not possible

TS	W	lm						A	B	C	R	kg
		CW	CN	CHR	CRA	KN	KO					
TSAR2000S	16	2 100	2 000	1 900	1 800	2 000	1 900	576	53	55	300-400	1,3
TSAR3000XM	21	3 100	3 000	2 900	2 800	2 800	2 700	858			450-650	2,0
TSAR4000M	30	4 200	3 900	3 800	3 600	3 700	3 500	1140			600-800	2,2
TSAR4000L	22	3 500	3 200	3 100	2 900	2 900	2 800	1422			700-900	2,5
TSAR6000L	39	5 600	5 200	5 000	4 700	4 900	4 600					
TSAR8000L	57	7 700	7 200	7 000	6 500	6 700	6 300					

TSP	W	lm						A	B	C	X	kg
		CW	CN	CHR	CRA	KN	KO					
TSARP2000S	16	2 100	2 000	1 900	1 800	2 000	1 900	576	53	60	520	1,2
TSARP3000XM	21	3 100	3 000	2 900	2 800	2 800	2 700	858			650	1,9
TSARP4000M	30	4 200	3 900	3 800	3 600	3 700	3 500	1140			900	2,1
TSARP4000L	22	3 500	3 200	3 100	2 900	2 900	2 800	1422			1200	2,4
TSARP6000L	39	5 600	5 200	5 000	4 700	4 900	4 600					
TSARP8000L	57	7 700	7 200	7 000	6 500	6 700	6 300					

lm - luminaire light output