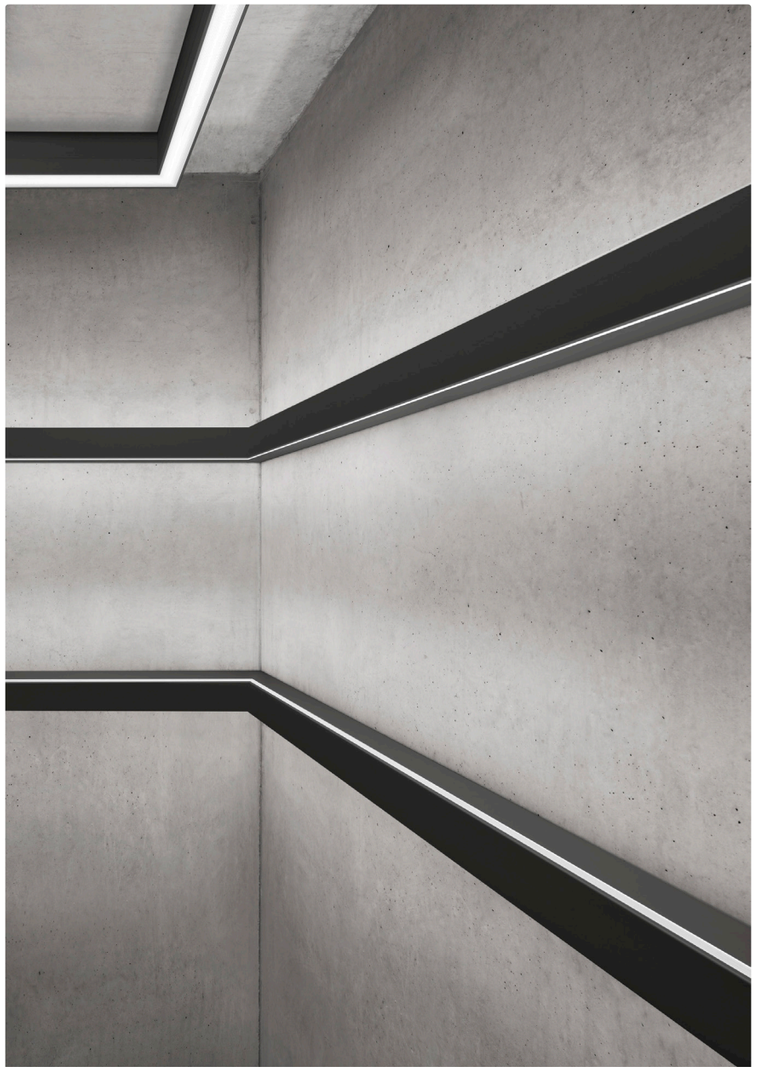
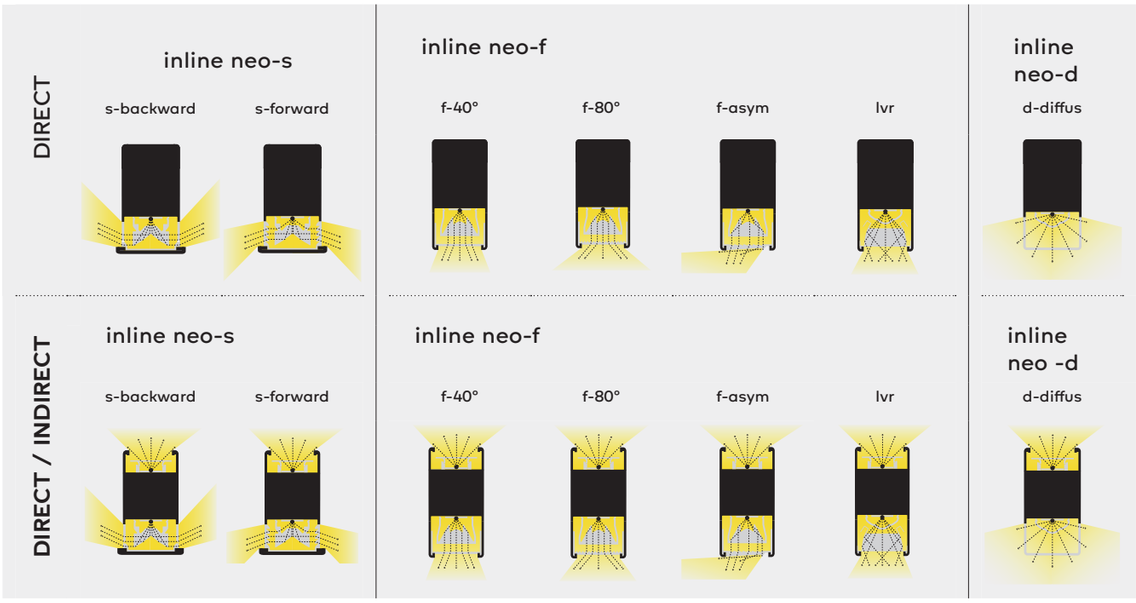
kreon inline neo

kreon inline neo is a sophisticated linear lighting tool. The heart of the system, the integrated optics, direct the light with precision to the desired surfaces. Powerful direct and/ or indirect light, different mounting options and made to measure lengths make kreon inline neo a unique lighting tool that enables the creation of a whole range of different lighting scenarios, from diffused general light to homogenous indirect light to direct accent light.

kreon inline neo offers a wealth of new applications and simultaneously strengthens the bonds between architecture and lighting, supporting the planner's creativity. This is achieved deploying a light direction principle based on the interplay of two individual lenses (patent pending). Essentially, a primary lens concentrates the LED light while a secondary lens directs it to the desired surface. Additionally, a diffuser that evenly distributes the light is also available.



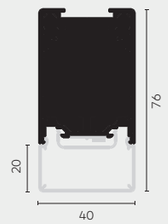


Project Private residence
Location Switzerland

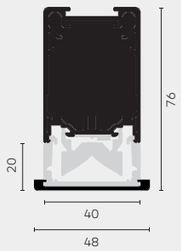
Photographer kreon

kreon **inline neo** direct / surface mounted

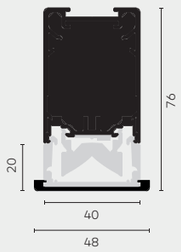
inline neo d-diffus



inline neo s-forward / s-backward



inline neo f-80° / f-40° / f-assym / f-lvr



	Light source	Basic code	**SW** Black	**8027** 2700K, CRI80+	**8030** 3000K, CRI80+	**8040** 4000K, CRI80+	**DD** Dimmable DALI, building side	**3** 350mA	**7** 700mA
inline neo d-diffus	①	**INL50**	●	●	●	●	●	●	●
inline neo s-forward	②	**INL51**	●	●	●	●	●	●	●
inline neo s-backward	③	**INL52**	●	●	●	●	●	●	●
inline neo f-80°	④	**INL53**	●	●	●	●	●	●	●
inline neo f-40°	⑤	**INL54**	●	●	●	●	●	●	●
inline neo f-asym	⑥	**INL55**	●	●	●	●	●	●	●
inline neo f-lvr Louver Raster UGR <19	⑦	**INL56**	●	●	●	●	●	●	●

				Light flow per metre (approx.)		Im/m (350mA) @ 4000K		Im/m (700mA) @ 4000K
①	LED	INLINE-50	d-diffuse	1997lm	or	3656lm
②	LED	INLINE-51	s-forward	1703lm	or	3075lm
③	LED	INLINE-52	s-backward	1846lm	or	3162lm
④	LED	INLINE-53	f-80°	1820lm	or	3388lm
⑤	LED	INLINE-54	f-40°	2045lm	or	3653lm
⑥	LED	INLINE-55	f-asym	1747lm	or	3148lm
⑦	LED	INLINE-56	f-lvr	1675lm (UGR 19)	or	3025lm (UGR >19)

REMARKS
General: System lamps with through-wiring (6x1.5mm² max. 10A). The LED transformer is built into the lamps. LED working life: 55,000 hrs (L90/F10), 3SDCM. approx. 23,3W per metre @ 350mA

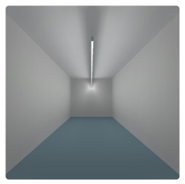
Dimmable DALI (DD):
Dimmable using DALI procedure or push-button; additional control cable is required. kreon inline neo is fitted with DALI transformer. On/off operation is possible through the P, N, E connection

IP 20
LED A – A++
Recommended price per metre for a system length of approx. 5 metres:
D-diffuse: ~EUR 470 / CHF 540 per metre, excl. VAT. (Aluminium or black)
Other lens systems: ~EUR 560 / CHF 645 per metre, excl. VAT. (Aluminium or black)

Designing hints :
kreon inline neo is available from 561mm
(571mm incl. end caps at ends) We recommend designing inside the 281mm grid
Design length outside the grid will be supplied with profile overhangs, without lighting.
Colour filters for inserting laterally into the second lens system are available in colours blue, yellow or orange.

Lights with louvre (LVR) shade are available in lengths from 842mm; any additional lengths are to be taken into account in the 281mm grid.

d-diffus



s-forward

s-backward

f-80°

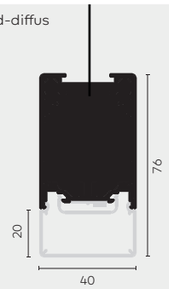
f-40°

f-asym

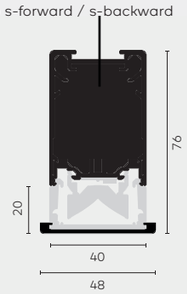
f-lvr

kreon **inline neo** direct / pending

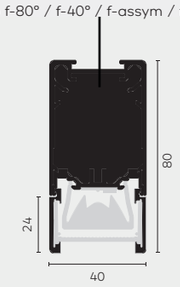
inline neo d-diffus



inline neo s-forward / s-backward



inline neo f-80° / f-40° / f-assym / f-lvr



	Light source	Basic code	2 Suspender, 2 metres	5 Suspender, 5 metres	SW Black	8027 2700K, CRI80+	8030 3000K, CRI80+	8040 4000K, CRI80+	DD Dimmable DALI, building side	3 350mA	7 700mA
inline neo d-diffuse	①	INL60	●	●	●	●	●	●	●	●	●
inline neo s-forward	②	INL61	●	●	●	●	●	●	●	●	●
inline neo s-backward	③	INL62	●	●	●	●	●	●	●	●	●
inline neo f-80°	④	INL63	●	●	●	●	●	●	●	●	●
inline neo f-40°	⑤	INL64	●	●	●	●	●	●	●	●	●
inline neo f-asym	⑥	INL65	●	●	●	●	●	●	●	●	●
inline neo f-lvr Louver Raster UGR <19	⑦	INL66	●	●	●	●	●	●	●	●	●

		Light flow per metre (approx.)		lm/m (350mA) @ 4000K		lm/m (700mA) @ 4000K
①	LED	INLINE-60	d-diffuse	1997lm	or	3656lm
②	LED	INLINE-61	s-forward	1703lm	or	3075lm
③	LED	INLINE-62	s-backward	1846lm	or	3162lm
④	LED	INLINE-63	f-80°	1820lm	or	3388lm
⑤	LED	INLINE-64	f-40°	2045lm	or	3653lm
⑥	LED	INLINE-65	f-asym	1747lm	or	3148lm
⑦	LED	INLINE-66	f-lvr	1675lm (UGR 19)	or	3025lm (UGR >19)

REMARKS
General: System lamps with through-wiring (6x1.5mm² max.10A). The LED transformer is built into the lamps. LED working life: 55,000 hrs (L90/F10), 3SDCM. approx. 23,3W per metre @ 350mA

Dimmable DALI (DD):
Dimmable using DALI procedure or push-button; additional control cable is required. kreon inline neo is fitted with DALI transformer. On/off operation is possible through the P, N, E connection

IP 20
LED A – A++
Recommended price per metre for a system length of approx. 5 metres:
D-diffuse: ~EUR 510 / CHF 590 per metre, excl. VAT. (Aluminium or black)
Other lens systems: ~EUR 600 / CHF 695 per metre, excl. VAT. (Aluminium or black)

Designing hints:
kreon inline neo is available from 561mm (571mm incl. end caps at ends) We recommend designing inside the 281mm grid. Design lengths outside this grid will be supplied with profile overhangs without lighting.
Colour filters for inserting laterally into the second lens system are available in colours blue, yellow or orange.

Lights with louvre (LVR) shade are available in lengths from 842mm; all other lengths are to be taken into account in the 281mm grid.

d-diffus

s-forward

s-backward

f-80°

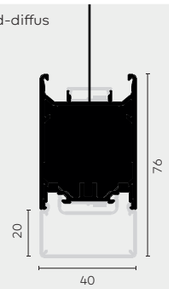
f-40°

f-asym

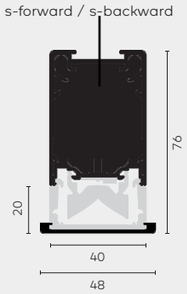
f-lvr

kreon **inline neo** direct-indirect / pending

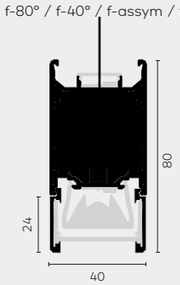
inline neo d-diffus



inline neo s-forward / s-backward



inline neo f-80° / f-40° / f-assym / f-lvr



	Light source	Basic code	2 Suspender, 2 metres	5 Suspender, 5 metres	Wall-mounting	SW Black	8027 2700K, CRI80+	8030 3000K, CRI80+	8040 4000K, CRI80+	DD Dimmable DALI, building side	37 350mA direct and 700mA indirect
inline neo d-diffuse	①	INL70	●	●	●	●	●	●	●	●	●
inline neo s-forward	②	INL71	●	●		●	●	●	●	●	●
inline neo s-backward	③	INL72	●	●		●	●	●	●	●	●
inline neo f-80°	④	INL73	●	●	●	●	●	●	●	●	●
inline neo f-40°	⑤	INL74	●	●	●	●	●	●	●	●	●
inline neo f-asym	⑥	INL75	●	●	●	●	●	●	●	●	●
inline neo f-lvr Louver Raster UGR <19	⑦	INL76	●	●	●	●	●	●	●	●	●

		Light flow per metre (approx.)		Direct portion lm/m (350mA) @ 4000K		Indirect portion lm/m (700mA) @ 4000K
①	LED	INLINE-70	d-diffuse	1997lm	and	3980lm
②	LED	INLINE-71	s-forward	1703lm	and	3980lm
③	LED	INLINE-72	s-backward	1846lm	and	3980lm
④	LED	INLINE-73	f-80°	1820lm	and	3980lm
⑤	LED	INLINE-74	f-40°	2045lm	and	3980lm
⑥	LED	INLINE-75	f-asym	1747lm	and	3980lm
⑦	LED	INLINE-76	f-lvr	1675lm (UGR 19)	and	3980lm

REMARKS
General: System lamps with through-wiring (6x1.5mm² max.10A). The LED transformer is built into the lamps. LED working life: 55,000 hrs (L90/F10), 3SDCM. approx. 75,9W per metre @ 350mA

Dimmable DALI (DD):
Dimmable using DALI procedure or push-button; additional control cable is required. kreon inline neo is fitted with DALI transformer. On/off operation is possible through the P, N, E connection
Direct and indirect light portions can be connected up to separate circuits.

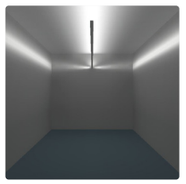
IP 20
LED A – A++
Recommended price per metre for a system length of approx. 5 metres:
D diffuse: ~EUR 770 / CHF 885 per metre, excl. VAT. (Aluminium and Black)
Other lens systems: ~EUR 860 / CHF 990 per metre, excl. VAT. (Aluminium and Black)

Designing hints:
kreon inline neo direct/indirect Suspended lamps are available from 1123mm (1133mm incl. end caps).
We recommend designing inside the 281mm grid.
Colour filters for inserting laterally into the second lens system are available in colours blue, yellow or orange.

d-diffus

s-forward

s-backward



f-80°

f-40°

f-asym

f-lvr