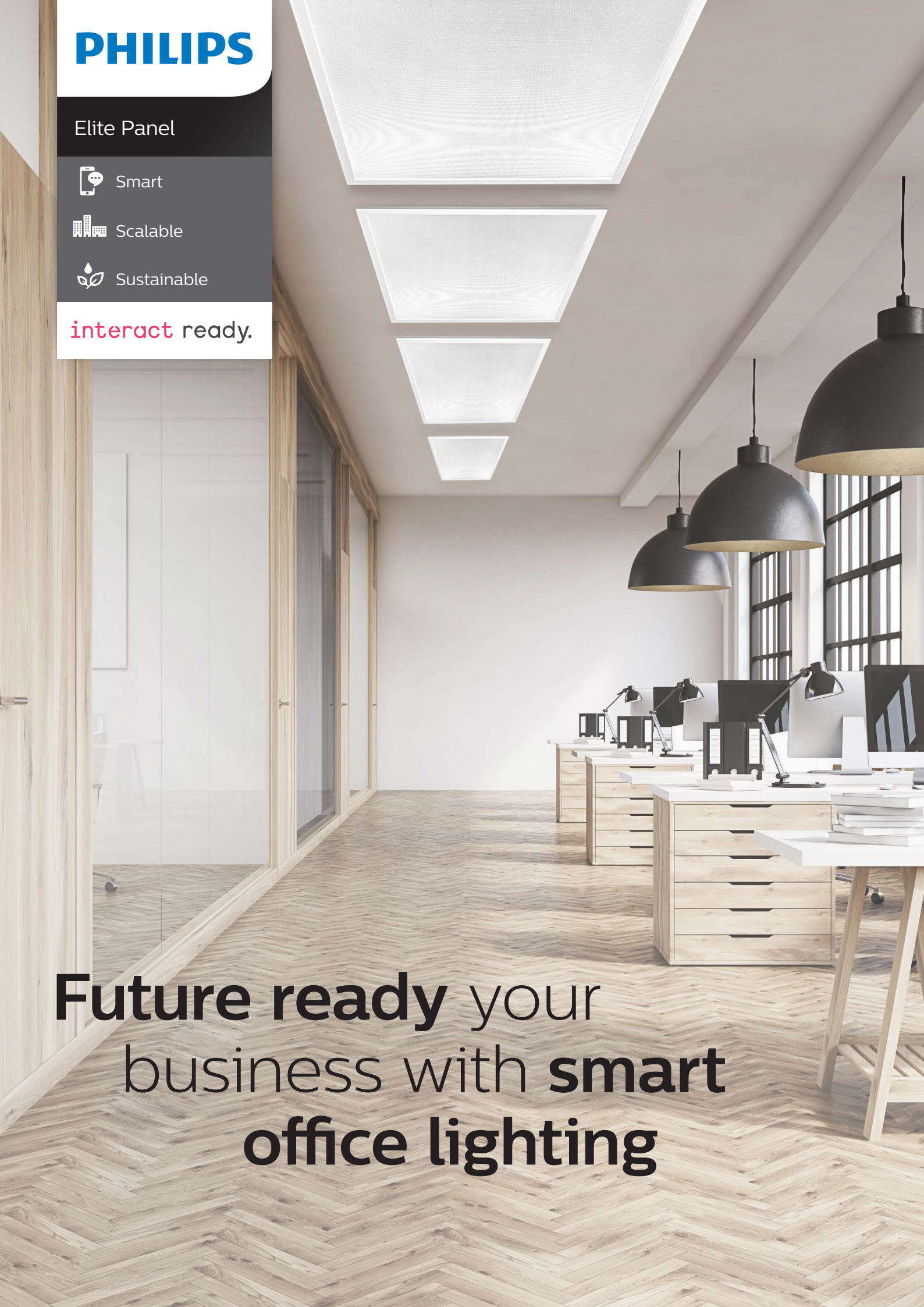
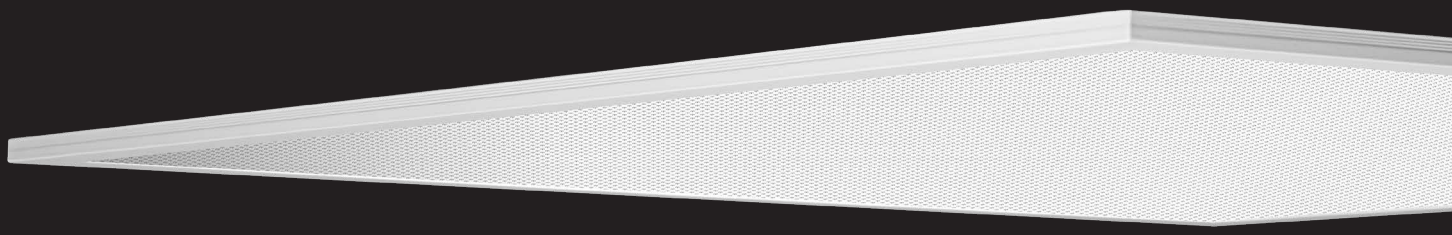

PHILIPS
Elite Panel
Smart
Scalable
Sustainable
interact ready.
Future ready your business with smart office lighting

Professionals **count** on the **new** Philips **Elite Panel**



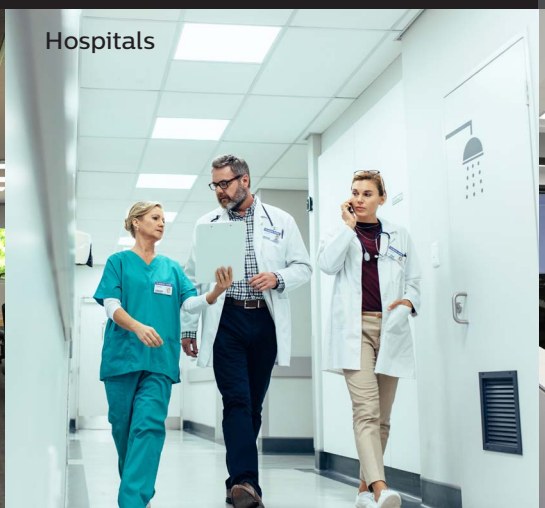
The Elite range is a comprehensive range of office compliant luminaires that meets the needs of today's strict office requirements.

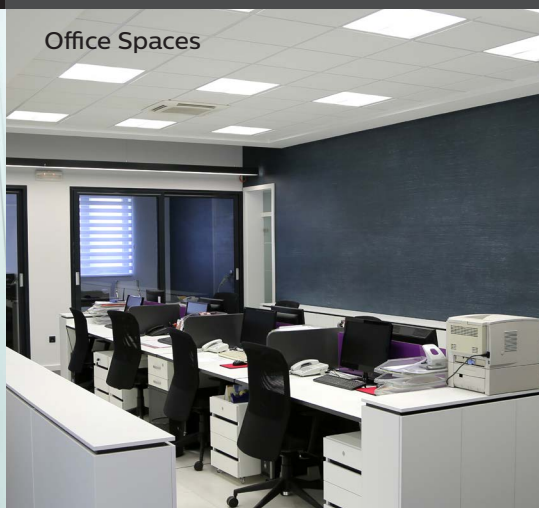
CRI90, SDCM3 are standard with the Elite Panel and support designing for health and well-being as defined by the WELL Building Standard.

Lighting controls play an important part in providing complete office lighting solutions. Signify is able to offer both Wireless and Wired scalable solutions such as Dali and Zigbee connectivity. See page 4 for more information

- High quality CRI 90 / R9 ≥ 50 LED chips with SDCM 3 specification ensure the best colour quality and minimal colour shift
- Comes standard with Dali drivers that have an adjustable drive current by means of dip-switches allowing for easy on site changes to lumen output if required
- Multiple choices of control interfaces are available to make lighting control simple
- The high IP44 rating allows for higher maintenance factors to be used in designs which leads to fewer luminaires being used in projects
- Three colour temperature options are available to enhance the working environment

- **100lm/W efficacy**
- **85,000hrs at L80**
- **Dali**
- **Connected Interact Pro**
- **Tunable White**
- **IP44**
- **CRI 90 / R9 ≥ 50**





Specifications

MODEL	ELITE PANEL (RC190X)					
Type	LED36	LED34	LED32	LED27	LED25	LED23
Power (PSD)	36W	36W	36W	28W	28W	28W
System Lumens	3600/**4000	3450/**3800	3150/**3600	2700lm	2500	2350
System Efficacy	100lm/W	95lm/W	90lm/W	95lm/W	90lm/W	85lm/W
Colour Temperature	4000K	3500K	3000K	4000K	3500K	3000K
Size (mm)	1,200 x 600, 1,200 x 300, 600 x 600			600 x 300		
Mounting	Recessed					
Input Voltage	220-240V					
Electrical Class	II					
Driver Type	PSD-Dali Adjuustable, WIA-Wireless, SR-System Ready. Tunable White DALI 209 (DALI Type 8)					
Driver Lifetime	100,000hrs nominal					
Electrical Connection	1.5m pre-wired flex & plug (CAU) with plug in Driver					
Lumen Maintenance	85,000hrs @ L80 (based on TM21 calculation)					
SDCM	3					
CRI	CRI 90 / R9 ≥ 50					
IP Rating	IP44/IP20 for Integrated sensor models.					
UGR Rating	UGR19***					
Material	Micro Prism front lens					
Finish	White (RAL 9003)					
Warranty	5 Years					

** Lumen output for 1,200x600 size. *** Exception of 6x3 (UGR 22)

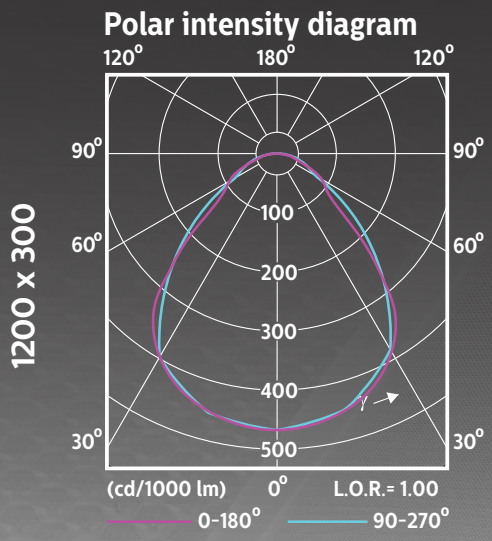
Flicker free

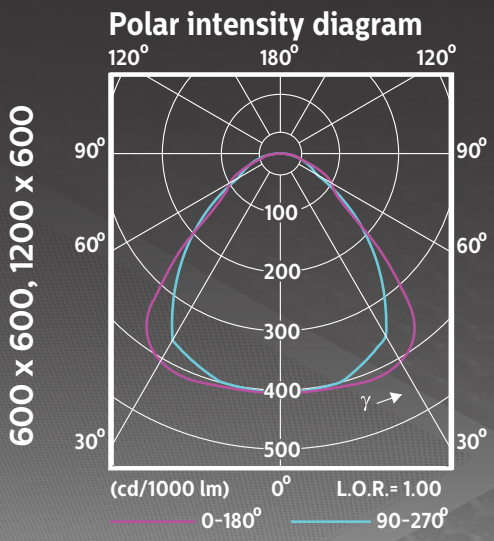
Philips Office Elite Products utilise industry best LED drivers that deliver flicker[1] free performance and no stroboscopic effect[2].

[1] *Additionally the Dali standard specifies 8 bit (256 discrete light levels) that can introduce the appearance of Flicker during transitions (dynamic dimming). Dimming performance is improved with Elite Luminaires by the addition of further bits totalling 32,000 (15bit). These interpolated dimming levels protect against flicker artefacts during light level transitions.*

[2] *In the absence of compulsory standards Philips Lighting opted to use the accepted test methods according to IEC TR 61547-1 [1] (Flicker) and IEC TR 61547-1 [5] (Stroboscopic Effect) with the following limits: PstLM ≤ 0.5 and SVM ≤ 1.*

Polar intensity





Control Options

Dali

A basic constant current Dali Driver is supplied standard with the Elite Panel . The output current can be adjusted between 150mA and 850mA via a DIP switch which allows for on-site adjustability if required. The dimming range is between 1-100% and the nominal life is 100,000 hrs, the driver interfaces with DALI and SwitchDim (with memory function).

Lighting control made easy with Dynalite

The Philips Dynalite control platform benefits from 30 years of experience in delivering superior lighting control solutions. Dynalite manages all DALI luminaires, Tunable White recipes to create better environments, and occupancy strategies to maximise the efficiency of workspaces. This takes place seamlessly through multiple control components and the distributed intelligence defining relationships within the system architecture. Reporting and monitoring of the network via Dynalite System Manager software not only provides insights into the operation but also DALI reporting - giving the client the necessary tools to effectively manage the intelligent building.

Tunable **WHITE (Dali 208/209)**

Human Centric Lighting can lead to enhanced concentration and increased productivity. When indoor lighting is matching natural circadian rhythms, this can enhance a sense of well-being, and Melanopic Light can be shown to improve sleep patterns. The CCT range is (2700°k to 6500°k). The Tunable White concepts are set to revolutionise the way we work.

interact Pro scalable system

Connectivity is everything...it is everywhere...it is the future

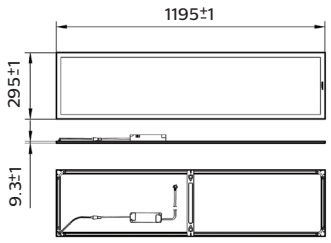
Interact Pro scalable system allows you to safeguard your day 1 investment and scales up easily with your growing business needs, all without reworking your luminaires.

- Truly straigthforward
- No restrictions on light points or building size
- Just add a gateway anytime and unlock more capabilities
- No need to change or swap sensors

Dimensions & Weights

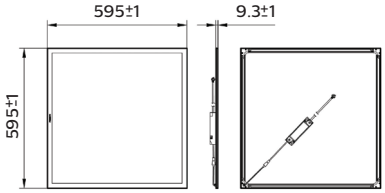
Dimensions shown below are nominal measurements. Slight variations in dimensions may occur in production.

300mm x 1,200mm



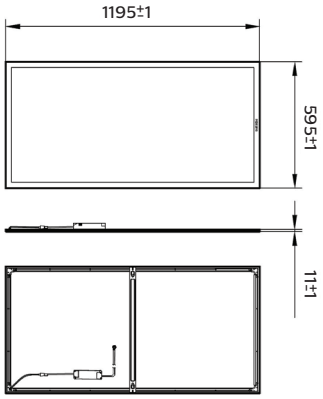
wt. 2KG

600mm x 600mm



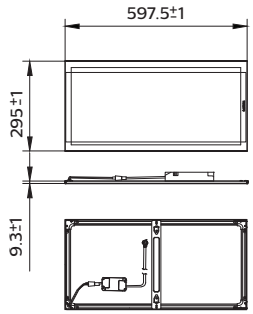
wt. 2KG

600mm x 1,200mm



wt. 4.5KG

600mm x 300mm



wt. 1.5KG

Order codes

12NC	Description	Specification
911401781152	RC190V LED27S 940 W30L60 PSD IP44 CAU	Recessed, 28W, 2700lm, 4000K, CRI90, IP44, Dali, Rectangle Small
911401780972	RC190V LED36S 940 W30L120 PSD OC IP44 CAU	Recessed, 36W, 3600lm, 4000K, CRI90, IP44, Dali, Rectangle
911401781032	RC190V LED36S 940 W60L60 PSD OC IP44 CAU	Recessed, 36W, 3600lm, 4000K, CRI90, IP44, Dali, Square
911401781092	RC190V LED40S 940 W60L120 PSD OC IP44 CAU	Recessed, 36W, 4000lm, 4000K, CRI90, IP44, Dali, Rectangle Large
911401781302	RC190V LED25S 935 W30L60 PSD IP44 CAU	Recessed, 28W, 2500lm, 3500K, CRI90, IP44, Dali, Rectangle Small
911401781212	RC190V LED34S 935 W30L120 PSD OC IP44 CAU	Recessed, 36W, 3450lm, 3500K, CRI90, IP44, Dali, Rectangle
911401781242	RC190V LED34S 935 W60L60 PSD OC IP44 CAU	Recessed, 36W, 3450lm, 3500K, CRI90, IP44, Dali, Square
911401781272	RC190V LED38S 935 W60L120 PSD OC IP44 CAU	Recessed, 36W, 3800lm, 3500K, CRI90, IP44, Dali, Rectangle Large
911401781162	RC190V LED23S 930 W30L60 PSD IP44 CAU	Recessed, 28W, 2350lm, 3000K, CRI90, IP44, Dali, Rectangle Small
911401780982	RC190V LED32S 930 W30L120 PSD OC IP44 CAU	Recessed, 36W, 3150lm, 3000K, CRI90, IP44, Dali, Rectangle
911401781042	RC190V LED32S 930 W60L60 PSD OC IP44 CAU	Recessed, 36W, 3150lm, 3000K, CRI90, IP44, Dali, Square
911401781102	RC190V LED36S 930 W60L120 PSD OC IP44 CAU	Recessed, 36W, 3600lm, 3000K, CRI90, IP44, Dali, Rectangle Large
TBC	RC190X LED36S TW W30L120 PSD OC CAU	Recessed, 36W, 4000lm, 208/209 Tunable White, CRI80, IP44, Dali, Rectangle
TBC	RC190X LED36S TW W60L60 PSD OC CAU	Recessed, 36W, 4000lm, 208/209 Tunable White, CRI80, IP44, Dali, Square
TBC	RC190X LED40S TW W60L120 PSD OC CAU	Recessed, 36W, 4000lm, 208/209 Tunable White, CRI80, IP44, Dali, Rectangle
911401571981	RC190X LED38/940 W60L120 WIA OC CAU	Elite Panel, 3800lm, CRI90, 4000K, 600x1,200mm, Interact ready, UGR19, flex&plug, IP44, no sensor onboard
911401571881	RC190X LED36/940 W30L120 WIA OC CAU	Elite Panel, 3600lm, CRI90, 4000K, 600x1,200mm, Interact ready, UGR19, flex&plug, IP44, no sensor onboard
911401571781	RC190X LED36/940 W60L60 WIA OC CAU	Elite Panel, 3600lm, CRI90, 4000K, 600x1,200mm, Interact ready, UGR19, flex&plug, IP44, no sensor onboard

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