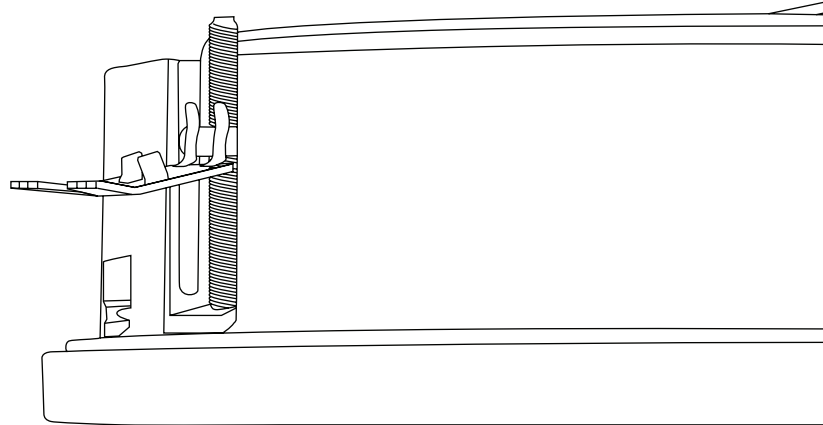


# Flat Light LED Recessed

Minimum Height, Maximum Output



“

Flat Light LED creates  
efficient light even on the  
smallest of footprints

Duncan Abbott, Business Development Director WILA Lighting Limited











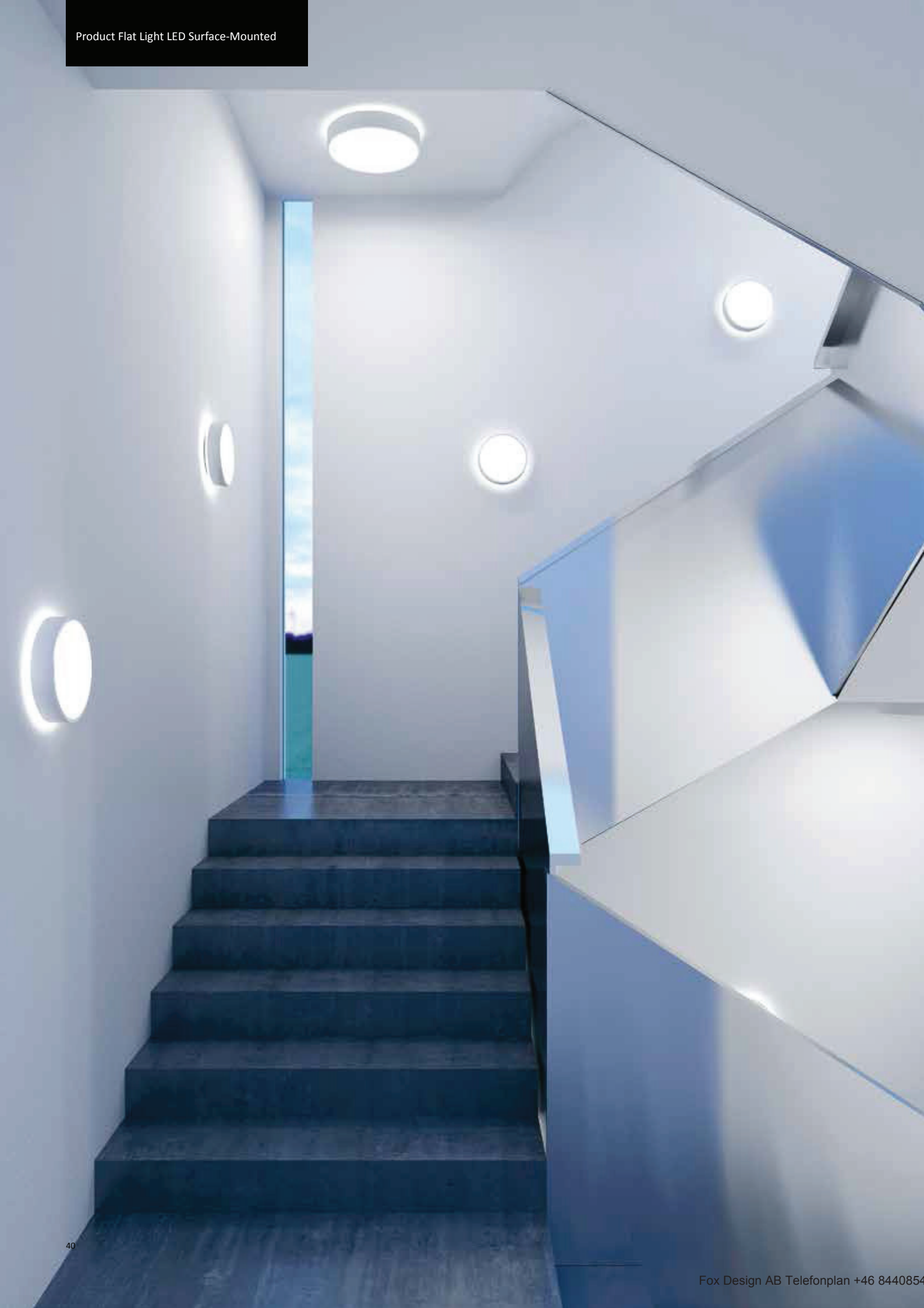
“

The high-impact surface-mounted  
luminaires can be selectively used  
as part of a room's architecture.

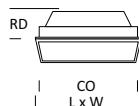
Thomas Schneider, Head of International Project Management WILA Lichttechnik











## SQUARE

System Photometric Data						Article Number			
LED	Llm	Llm/W	$\gamma \geq 65^\circ$	RD mm	kg	Luminaire	Opal Cover	Control Gear	

Ra > 80

Q15, CO 170 x 170 mm, L x B 185 x 185 mm

9 W	830	83	—	49	0.7	EL2102001-03-30	+	86213Q15	+	①
13 W	1140	76	—	49	0.7	EL2102001-03-30	+	86213Q15	+	②
19 W	1480	67	—	85	0.7	EL2102001-03-30	+	86213Q15	+	③

Q18, CO 200 x 200 mm, L x B 215 x 215 mm

12 W	1090	83	—	49	0.8	EL2102002-03-30	+	86213Q18	+	①
18 W	1540	76	—	49	0.8	EL2102002-03-30	+	86213Q18	+	②
25 W	2020	72	—	85	0.8	EL2102002-03-30	+	86213Q18	+	③

## CIRCULAR

System Photometric Data						Article Number			
LED	Llm	Llm/W	$\gamma \geq 65^\circ$	RD mm	kg	Luminaire	Opal Cover	Control Gear	

Ra > 80

R15, CO 165 mm, D 180 mm

9 W	780	78	—	49	0.4	EL1102001-03-30	+	86213R15	+	①
13 W	1070	71	—	49	0.4	EL1102001-03-30	+	86213R15	+	②
19 W	1410	64	—	85	0.4	EL1102001-03-30	+	86213R15	+	③

R18, CO 195 mm, D 210 mm

12 W	1050	81	—	49	0.6	EL1102002-03-30	+	86213R18	+	①
18 W	1480	74	—	49	0.6	EL1102002-03-30	+	86213R18	+	②
25 W	1930	69	—	85	0.6	EL1102002-03-30	+	86213R18	+	③

Replace Index -30 for 3000 K by -40 for 4000 K

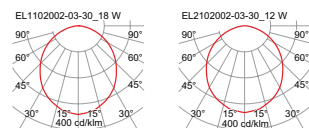
LED Control Gears		Article Number			
		without Loop-in/out		with Loop-in/out	
		Static	DALI	Static	DALI
①	9 / 12 W	83771	83771-DD	83771-DV	83771-DD-DV
②	13 / 18 W	83761	83761-DD	83761-DV	83761-DD-DV
③	19 / 25 W	83762	83762-DD	83762-DV	83762-DD-DV

Concrete Mounting Boxes		Article Number
Q15		88078Q15
Q18		88078Q18
R15		88078R15
R18		88078R18

For details on control and mounting technology see page 48

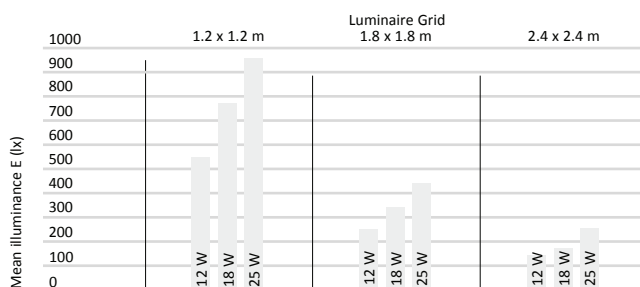


IP 40 in closed ceiling systems



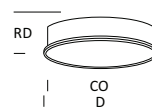
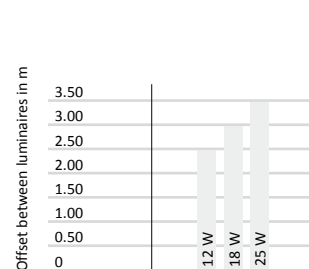
## Planning Diagram for Rooms

Area 100 m<sup>2</sup>; height 3 m; aspect ratio 2:3; P<sub>D/W/B</sub> 80/50/20%; working plane 0.85 m

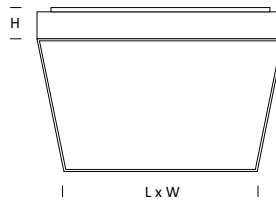
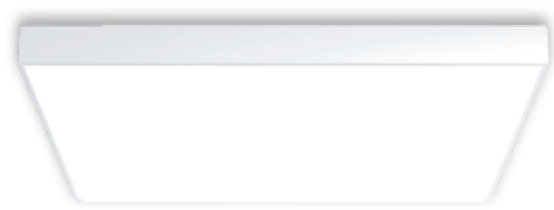


## Planning Diagram for Corridors

height 3 m; width 2 m; P<sub>D/W/B</sub> 80/50/20%; working plane 0.2 m; E<sub>a</sub> = 100 lx



## Flat Light LED Surface-Mounted



### SQUARE

#### System Photometric Data

LED	Llm	Llm/W	$\gamma \geq 65^\circ$	H mm	kg	Article Number
<b>Ra &gt; 80</b>						
<b>Q250, L x W 250 x 250 mm</b>						
18 W	1480	74	-	70	1.6	EL2402001-30-30
<b>Q410, L x W 410 x 410 mm</b>						
36 W	2610	67	-	70	3.6	EL2402002-30-30
<b>Q640, L x W 640 x 640 mm</b>						
36 W	2650	68	-	70	7.4	EL2402003-30-30

Replace Index -30 (3000 K) by -40 (4000 K)

#### Lighting Technology

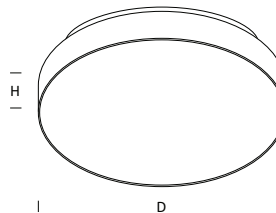
Light distribution direct/indirect  
Colour rendering Ra > 80  
Colour temperatures 3000, 4000 K  
Service life 50,000 h (L70)

#### Luminaire Housing

Housing in galvanised sheet steel, lacquered in  
RAL9016 (white), alternatively in RAL9005 (black)  
Frosted cover for softly diffusing the light into the depth of the room  
Back cover in clear PC

#### Operating and Assembly Technology

Suitable for ceiling and wall installation  
Surface-mounted part of luminaire can be fastened without tools  
Control gear static or DALI, built into the luminaire housing



### CIRCULAR

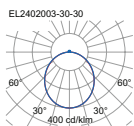
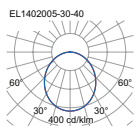
#### System Photometric Data

LED	Llm	Llm/W	$\gamma \geq 65^\circ$	H mm	kg	Article Number
<b>Ra &gt; 80</b>						
<b>D335 mm</b>						
18 W	1440	72	-	70	2.0	EL1402001-30-30
26 W	1900	68	-	70	2.0	EL1402002-30-30
<b>D515 mm</b>						
26 W	1930	69	-	70	4.0	EL1402003-30-30
36 W	2540	65	-	70	4.0	EL1402004-30-30

#### D1000 mm

72 W	4840	62	-	100	13.8	EL1402005-30-30
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Replace Index -30 (3000 K) by -40 (4000 K)



#### Individual Lighting Solutions

Alternatively, the surface-mounted luminaires can also be used as pendent luminaires as shown in the photo. For details please contact us.



# Accessories

## Equipment T-BAR LED system

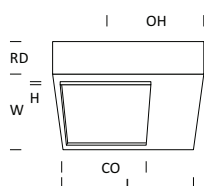
The T-BAR LED system can be supplied with signs. For more details and to customise please contact us.



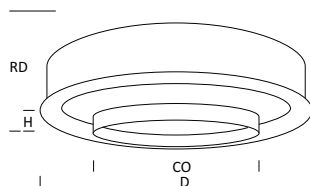
## Concrete mounting boxes

Concrete mounting boxes allow the uninterrupted use of Downlights even in exposed concrete and plastered ceilings. Thus the ceiling appearance remains clean, and alternative surface-mounted luminaires are not required. The two-part metal housing holds its shape and is designed for better heat transfer; it also allows accurate positioning and fast installation while meeting all legally required fire prevention regulations.

Concrete mounting boxes	CO	RD	D	L x W	OH	H	Article Number
<b>Flat Light LED Recessed, square</b>							
Q15	170	90	-	310 x 310	190	20	88078Q15
Q18	195	90	-	310 x 310	190	20	88078Q18
<b>Flat Light LED Recessed, circular</b>							
R15	165	90	360	-	-	35	88078R15
R18	195	90	360	-	-	35	88078R18



88078Qxx



88078Rxx

## LED gear boxes

All LED luminaires shown in this brochure are sold without gear boxes to provide you with the highest degree of flexibility. Two product lines with distinct characteristics are available. The colour-coded LED gear boxes are coordinated with the corresponding luminaire to reduce errors during electrical installation. The electrical connection occurs via a plug connector that is protected against polarity reversal.

### Premium version with Loop-in/out

WILA LED gear boxes, standard or DALI dimmable. High-quality version with gear box housing with Loop-in/out. Suitable for emergency lighting with central battery. Single battery solutions on request.

### Standard version without Loop-in/out

Cost-effective alternative if Loop-in/out function is not required, standard or DALI dimmable. Suitable for emergency lighting with central battery. Single battery solutions on request.

LED gear boxes with Loop-in/out	static
<b>T-BAR LED-System</b>	

100 W	83751
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LED gear boxes	Article number			
	without Loop-in/out static	DALI	with Loop-in/out static	DALI
<b>Flat Light LED Recessed</b>				
9 / 12 W	83771	83771-DD	83771-DV	83771-DD-DV
13 / 18 W	83761	83761-DD	83761-DV	83761-DD-DV
19 / 25 W	83762	83762-DD	83762-DV	83762-DD-DV

