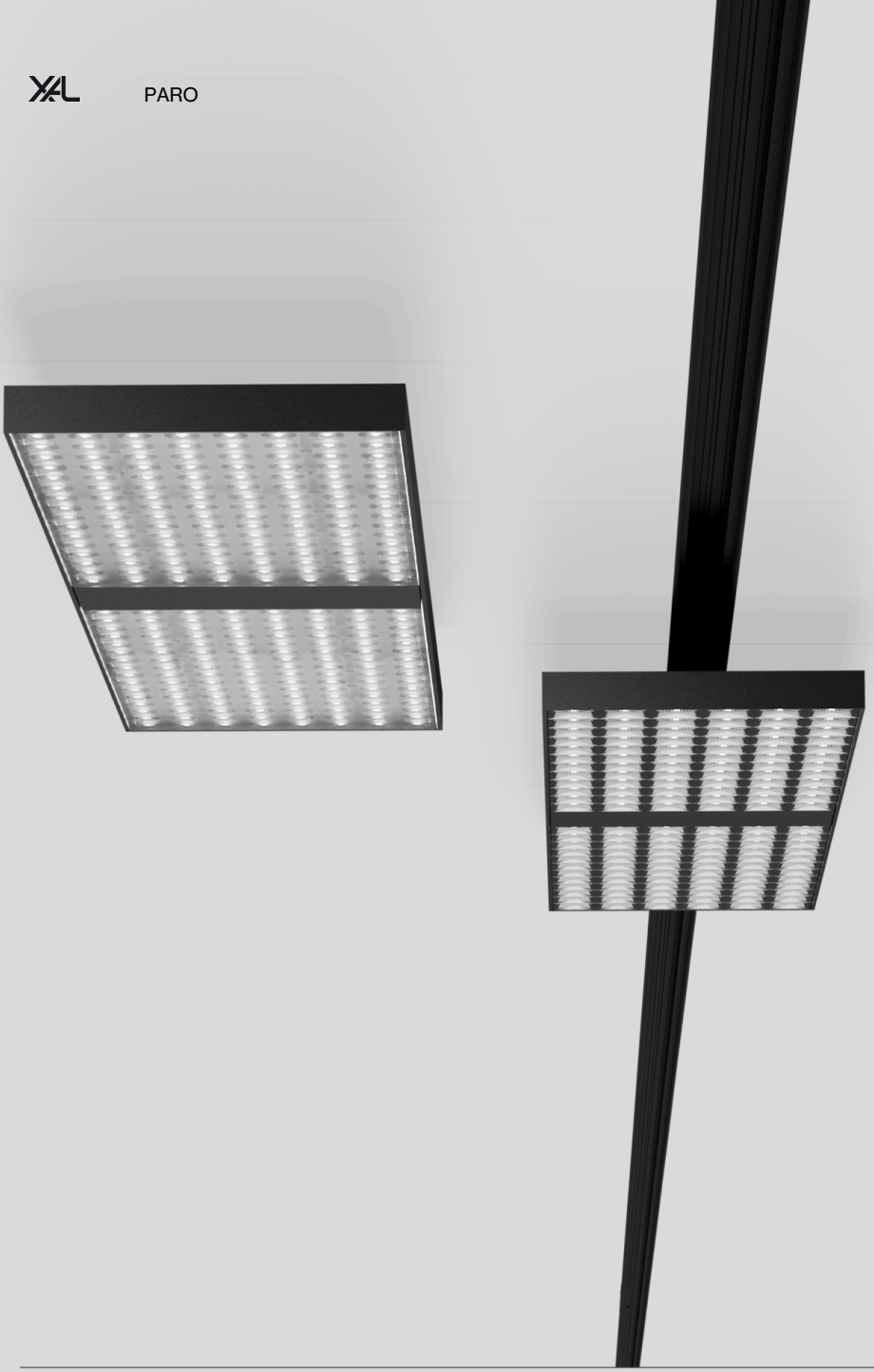
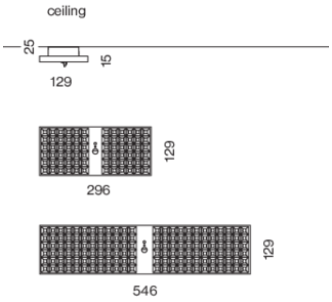


Quickinfo

3000 K, 4000 K
CRI ≥ 80, CRI ≥ 90 / 3 SDCM (initial MacAdam)
UGR ≤ 16, UGR ≤ 19
up to 178 lm/W
L90 / 100000 h, L90 / 50000 h
DALI-2, DALI-2 ESSENTIAL sensor
IP20

Types



Colours

Inset

Light distributions

PARO

ceiling

EN Rectangular luminaire housing in die-cast aluminium; ultra low-profile design (only 15 mm); no visible screws; surface powder coated; suitable for ceiling mounting; convenient quick mounting system without tools; luminaire housing set away from ceiling; electronic operating unit installed in the surface mounted housing; two separate, square light insets made of plastic; fitted with single LED light points; good glare reduction due to recessed light point plane; despite this increased efficiency through special lens technology; inserted lenses with wide flood radiation characteristic; or high quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with symmetrical light distribution; either with direct or direct / indirect light distribution; indirect light component for additional accentuation of the ceiling, switchable via DIP switch; optionally with sensor

DE Rechteckiger Leuchtenkörper aus Aluminiumdruckguss; extrem flache Bauform (nur 15 mm); keine sichtbaren Schrauben; Oberfläche pulverbeschichtet; geeignet für Deckenmontage; komfortables, werkzeugloses Schnellmontagesystem; Leuchtenkörper von der Decke abgesetzt; elektronisches Betriebsgerät im Anbaugehäuse verbaut; zwei getrennte, quadratische Lichteinsätze aus Kunststoff; bestückt mit LED Einzellichtpunkten; gute Entblendung durch zurückversetzte Lichtpunktebene; trotzdem erhöhte Effizienz durch spezielle Linsentechnik; eingesetzte Linsen mit wide flood Abstrahlcharakteristik; oder hochwertiger Reflektor mit mikrofacettierter, aluminiumbedampfter Oberfläche; präzise Abstrahlcharakteristik mit symmetrischer Lichtverteilung; wahlweise mit direkter bzw. direkt / indirekter Abstrahlcharakteristik; indirekte Lichtkomponente für zusätzliche Akzentuierung der Decke mittels DIP-Switch zuschaltbar; wahlweise mit Sensor



up to 170 lm/W (high efficiency)



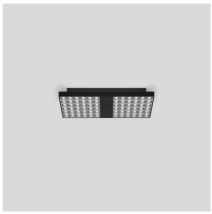
DIN EN 12464-1 UGR ≤ 19 65° ≤ 1500 cd/m2



DIP switch for indirect

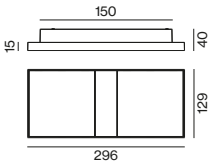


optional sensor integration



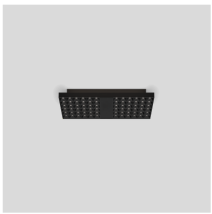
PARO medium louver wide ceiling

CRI ≥90 | UGR ≤19 | cd/m² ≤1500 | 1 ADDR. | X-PERT | X-PERT



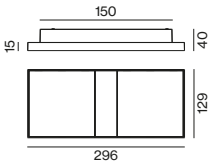
LOUVER WIDE | DIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	UGR ≤	LUM. FLUX	EFFICACY	ORDER CODE
17.6 W	3000 K	80		2740 lm	156 lm/W	0 6 8 - 0 1 1 0 5 ◆ ◪ ■ X
		90	19	2390 lm	136 lm/W	0 6 8 - 0 1 1 0 0 ◆ ◪ ■ X
	4000 K	80		2920 lm	166 lm/W	0 6 8 - 0 1 1 0 6 ◆ ◪ ■ X
		90	19	2390 lm	136 lm/W	0 6 8 - 0 1 1 0 1 ◆ ◪ ■ X
40.0 W	3000 K	80		5680 lm	142 lm/W	0 6 8 - 0 1 1 1 5 ◆ ◪ ■ X
		90		4940 lm	124 lm/W	0 6 8 - 0 1 1 1 0 ◆ ◪ ■ X
	4000 K	80		6040 lm	151 lm/W	0 6 8 - 0 1 1 1 6 ◆ ◪ ■ X
		90		4940 lm	124 lm/W	0 6 8 - 0 1 1 1 1 ◆ ◪ ■ X



PARO medium spotline ceiling

CRI ≥90 | UGR ≤16 | cd/m² ≤1500 | 1 ADDR. | X-PERT | X-PERT



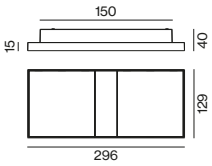
SPOTLINE | DIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	UGR ≤	LUM. FLUX	EFFICACY	ORDER CODE
17.6 W	3000 K	80	19	2750 lm	156 lm/W	0 6 8 - 1 1 1 0 5 ◆ ◪ ■$_1$ W
		90	16	2400 lm	136 lm/W	0 6 8 - 1 1 1 0 0 ◆ ◪ ■$_1$ W
	4000 K	80	19	2930 lm	166 lm/W	0 6 8 - 1 1 1 0 6 ◆ ◪ ■$_1$ W
		90	16	2400 lm	136 lm/W	0 6 8 - 1 1 1 0 1 ◆ ◪ ■$_1$ W
40.0 W	3000 K	80	19	5670 lm	142 lm/W	0 6 8 - 1 1 1 1 5 ◆ ◪ ■$_1$ W
		90	19	4930 lm	123 lm/W	0 6 8 - 1 1 1 1 0 ◆ ◪ ■$_1$ W
	4000 K	80		6030 lm	151 lm/W	0 6 8 - 1 1 1 1 6 ◆ ◪ ■$_1$ W
		90	19	4930 lm	123 lm/W	0 6 8 - 1 1 1 1 1 ◆ ◪ ■$_1$ W



PARO medium lens wide ceiling

CRI ≥90 | UGR ≤19 | 1 ADDR. | X-PERT | X-PERT



LENS WIDE | DIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	UGR ≤	LUM. FLUX	EFFICACY	ORDER CODE
17.3 W	3000 K	80	19	2890 lm	167 lm/W	0 6 8 - 2 1 1 0 5 ◆ ◪ W
		90	19	2520 lm	146 lm/W	0 6 8 - 2 1 1 0 0 ◆ ◪ W
	4000 K	80		3080 lm	178 lm/W	0 6 8 - 2 1 1 0 6 ◆ ◪ W
		90	19	2520 lm	146 lm/W	0 6 8 - 2 1 1 0 1 ◆ ◪ W
37.0 W	3000 K	80		5800 lm	157 lm/W	0 6 8 - 2 1 1 1 5 ◆ ◪ W
		90		5050 lm	136 lm/W	0 6 8 - 2 1 1 1 0 ◆ ◪ W
	4000 K	80		6170 lm	167 lm/W	0 6 8 - 2 1 1 1 6 ◆ ◪ W
		90		5050 lm	136 lm/W	0 6 8 - 2 1 1 1 1 ◆ ◪ W

Order options

CONTROL ◆		COLOUR ◪		INSET ■		INSET ■$_1$	
DALI-2	3	traffic white RAL 9016	7	chrome reflector	4	traffic white RAL 9016	7
DALI-2 ESSENTIAL sensor	B	jet black RAL 9005	8	black reflector	8	jet black RAL 9005	8