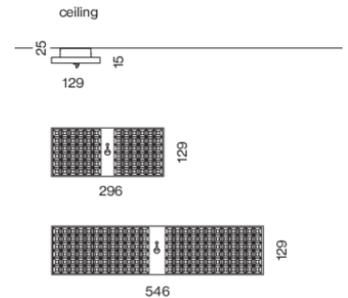## Quickinfo

3000 K, 4000 K
CRI ≥ 80, CRI ≥ 90 / 3 SDCM
(initial MacAdam)
UGR ≤ 16, UGR ≤ 19
up to 175 lm/W
L90 / 50000 h
DALI-2, DALI-2 ESSENTIAL
sensor
IP20

Types

ceiling

25 | 15
129

129
296

129
546

Colour

○ ●

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; 2 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; 2 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
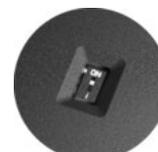
DIP switch for
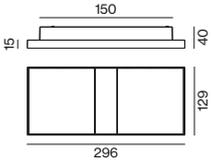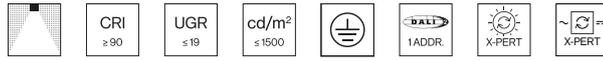indirect

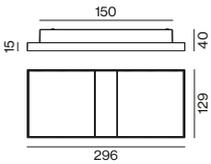optional sensor
integration

PARO medium louver wide ceiling

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

LOUVER WIDE | DIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
17.6 W	3000 K	80	2830 lm	161 lm/W	0 6 8 - 0 1 1 0 5 ⇕ ◪ ■ X
		90	2460 lm	140 lm/W	0 6 8 - 0 1 1 0 0 ⇕ ◪ ■ X
	4000 K	80	3010 lm	171 lm/W	0 6 8 - 0 1 1 0 6 ⇕ ◪ ■ X
		90	2460 lm	140 lm/W	0 6 8 - 0 1 1 0 1 ⇕ ◪ ■ X
40.0 W	3000 K	80	5860 lm	147 lm/W	0 6 8 - 0 1 1 1 5 ⇕ ◪ ■ X
		90	5100 lm	128 lm/W	0 6 8 - 0 1 1 1 0 ⇕ ◪ ■ X
	4000 K	80	6230 lm	156 lm/W	0 6 8 - 0 1 1 1 6 ⇕ ◪ ■ X
		90	5100 lm	128 lm/W	0 6 8 - 0 1 1 1 1 ⇕ ◪ ■ X

150 / 40 / 15 / 129 / 296

PARO medium spotline ceiling

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

SPOTLINE | DIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
17.6 W	3000 K	80	2750 lm	156 lm/W	0 6 8 - 1 1 1 0 5 ⇕ ◪ ■ W
		90	2400 lm	136 lm/W	0 6 8 - 1 1 1 0 0 ⇕ ◪ ■ W
	4000 K	80	2930 lm	166 lm/W	0 6 8 - 1 1 1 0 6 ⇕ ◪ ■ W
		90	2400 lm	136 lm/W	0 6 8 - 1 1 1 0 1 ⇕ ◪ ■ W
40.0 W	3000 K	80	5670 lm	142 lm/W	0 6 8 - 1 1 1 1 5 ⇕ ◪ ■ W
		90	4930 lm	123 lm/W	0 6 8 - 1 1 1 1 0 ⇕ ◪ ■ W

150 / 40 / 15 / 129 / 296

SPOTLINE | DIRECT / INDIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
40.0 W	4000 K	80	↓6000/↑70 lm	152 lm/W	0 6 8 - 1 1 1 1 6 ⇕ ◪ W
		90	↓4910/↑57 lm	124 lm/W	0 6 8 - 1 1 1 1 1 ⇕ ◪ W

Order options

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

INSET ▪
traffic white RAL 9016 7
jet black RAL 9005 8

PARO medium lens wide ceiling

		CRI ≥ 90	UGR ≤ 19		DALI 1 ADDR.	X-PERT	X-PERT
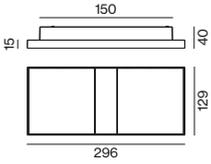
LENS WIDE | DIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
17.3 W	3000 K	80	2850 lm	165 lm/W	0 6 8 - 2 1 1 0 5 ⇕ ◩ W
		90	2480 lm	143 lm/W	0 6 8 - 2 1 1 0 0 ⇕ ◩ W
	4000 K	80	3030 lm	175 lm/W	0 6 8 - 2 1 1 0 6 ⇕ ◩ W
		90	2480 lm	143 lm/W	0 6 8 - 2 1 1 0 1 ⇕ ◩ W
37.0 W	3000 K	80	5700 lm	154 lm/W	0 6 8 - 2 1 1 1 5 ⇕ ◩ W
		90	4960 lm	134 lm/W	0 6 8 - 2 1 1 1 0 ⇕ ◩ W

LENS WIDE | DIRECT / INDIRECT

SYSTEM	COLOUR TEMP.	CRI ≥	LUM. FLUX	EFFICACY	ORDER CODE
37.0 W	4000 K	80	↓6080/↑62 lm	166 lm/W	0 6 8 - 2 1 1 1 6 ⇕ ◩ W
		90	↓4970/↑51 lm	136 lm/W	0 6 8 - 2 1 1 1 1 ⇕ ◩ W

Dimensions: 150 / 15 / 40 / 129 / 296

Order options

CONTROL	⇕	COLOUR	◩			INSET	■
DALI-2 ESSENTIAL sensor	B	traffic white RAL 9016	7		7	chrome reflector	4
DALI-2	3	jet black RAL 9005	8		8	black reflector	8

		INSET	◩
		traffic white RAL 9016	7
		jet black RAL 9005	8