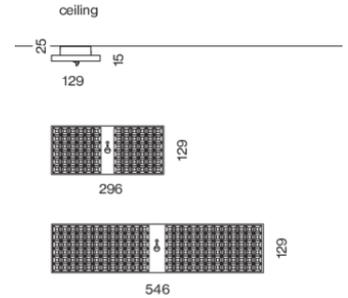


Quickinfo

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

Types



Color



Inserto



Distribución luminosa



PARO

ceiling

EN Rectangular luminaire housing in die-cast aluminium; ultra low-profile design (only 15mm); 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

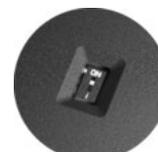
ES Cuerpo de lámpara rectangular de fundición de aluminio; perfil extra plano (sólo 15mm); sin tornillos visibles; superficie con recubrimiento de pintura en polvo; apropiado para montaje en techo; sistema de montaje rápido sin herramientas; cuerpo luminoso separado del techo; balasto electrónico integrado en la carcasa de superficie; 2 insertos luminosos individuales de plástico con forma cuadrada; equipado con puntos de luz LED individuales; buen control del deslumbramiento mediante plano de punto de luz retranqueado; se ha incrementado la eficiencia debido al uso de la última tecnología en el diseño de lentes; lentes aplicadas con característica de proyección wide flood; o reflector de alta calidad con superficie de múltiples facetas revestida con aluminio por vaporización; precisa característica de emisión con distribución de luz simétrica; opcionalmente con característica de emisión directa o directa/indirecta; componente de luz indirecta activable para una acentuación adicional del techo con interruptor DIP; opcionalmente con sensor



up to 170 lm/W
 (high efficiency)



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



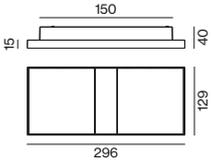
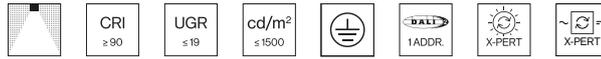
DIP switch for
 indirect



optional sensor
 integration



PARO medium louver wide ceiling

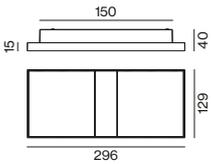


LOUVER WIDE | DIRECT

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 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
		90	2460 lm	140 lm/W	0 6 8 - 0 1 1 0 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
40.0 W	3000 K	80	3010 lm	171 lm/W	0 6 8 - 0 1 1 0 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
		90	2460 lm	140 lm/W	0 6 8 - 0 1 1 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
40.0 W	4000 K	80	5860 lm	147 lm/W	0 6 8 - 0 1 1 1 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
		90	5100 lm	128 lm/W	0 6 8 - 0 1 1 1 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
		80	6230 lm	156 lm/W	0 6 8 - 0 1 1 1 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X
		90	5100 lm	128 lm/W	0 6 8 - 0 1 1 1 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> X



PARO medium spotlight ceiling



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 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
		90	2400 lm	136 lm/W	0 6 8 - 1 1 1 0 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
40.0 W	3000 K	80	2930 lm	166 lm/W	0 6 8 - 1 1 1 0 6 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
		90	2400 lm	136 lm/W	0 6 8 - 1 1 1 0 1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
40.0 W	4000 K	80	5670 lm	142 lm/W	0 6 8 - 1 1 1 1 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
		90	4930 lm	123 lm/W	0 6 8 - 1 1 1 1 0 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W

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 <input checked="" type="checkbox"/> W
		90	↓4910/↑57 lm	124 lm/W	0 6 8 - 1 1 1 1 1 <input checked="" type="checkbox"/> W

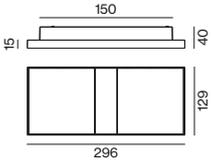
Order options

CONTROL	COLOUR	INSET
DALI-2 ESSENTIAL sensor	traffic white RAL 9016	chrome reflector
DALI-2	jet black RAL 9005	black reflector

INSET
traffic white RAL 9016
jet black RAL 9005



PARO medium lens wide ceiling



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 <input checked="" type="checkbox"/> W
		90	2480 lm	143 lm/W	0 6 8 - 2 1 1 0 0 <input checked="" type="checkbox"/> W
37.0 W	3000 K	80	3030 lm	175 lm/W	0 6 8 - 2 1 1 0 6 <input checked="" type="checkbox"/> W
		90	2480 lm	143 lm/W	0 6 8 - 2 1 1 0 1 <input checked="" type="checkbox"/> W
37.0 W	4000 K	80	5700 lm	154 lm/W	0 6 8 - 2 1 1 1 5 <input checked="" type="checkbox"/> W
		90	4960 lm	134 lm/W	0 6 8 - 2 1 1 1 0 <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> W
		90	↓4970/↑51 lm	136 lm/W	0 6 8 - 2 1 1 1 1 <input checked="" type="checkbox"/> W

Order options

CONTROL	COLOUR	INSET
DALI-2 ESSENTIAL sensor <input checked="" type="checkbox"/>	traffic white RAL 9016 <input checked="" type="checkbox"/>	chrome reflector <input checked="" type="checkbox"/>
DALI-2 <input checked="" type="checkbox"/>	jet black RAL 9005 <input checked="" type="checkbox"/>	black reflector <input checked="" type="checkbox"/>

INSET
traffic white RAL 9016 <input checked="" type="checkbox"/>
jet black RAL 9005 <input checked="" type="checkbox"/>