



CLOUD LED

CLOUD LED was developed to achieve a superior light quality in any space, such as offices, classrooms, meeting rooms or auditoriums. CLOUD LED offers perfect lighting distribution without unpleasant shadow effect on walls that, combined with daylight colour temperatures, provides a superb light quality.

CLOUD LED is one of the best recessed luminaires, with high LOR, up to 96 lm/w efficiency and $UGR \leq 19$ according with EN12464-1, to working spaces.



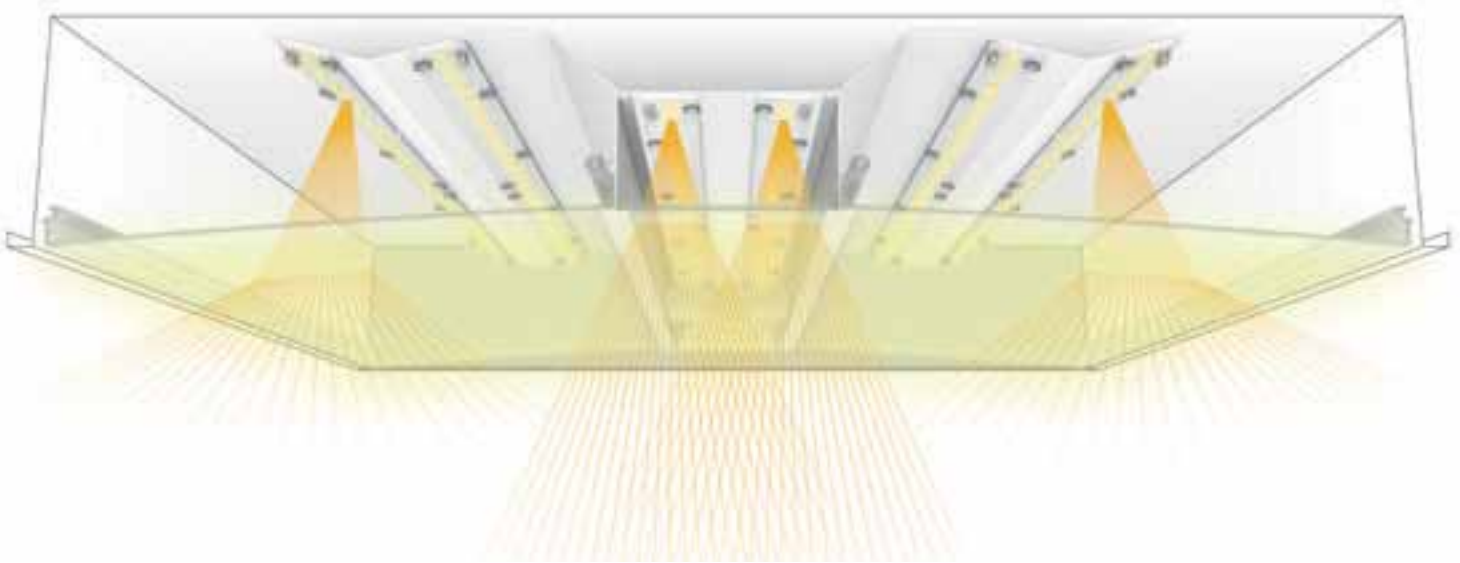
CLOUD LED
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BLINE TECHNOLOGY

CLOUD LED exceeds all expectations with high performance and a gentle homogeneous light due to internal design and highly advanced optical technology. The

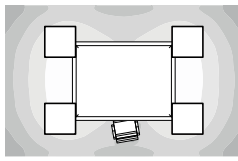
side diffuser BLINE is manufactured from a complex polycarbonate material that diverts light through all optic, delivering an extremely diffuse and homogeneous light.

96
Lm/W



PERFORMANCE AND WELL-BEING

CLOUD LED offers performance and well-being to people. High quality bLINE diffuser gives homogeneous light distribution inside the room, providing daylight quality and glare free applications in all angles. The light uniformity conveys well-being to people during all day.



CLOUD LED 47W DAM

LED: 47W
 DIMENSIONS: 5m x 3m
 HEIGHT: 2,8m
 MAINTENANCE: 0,8
 REFLECTANCE: 70/50/20
 WORKING PLACE: 0,8m
 ILLUMINANCE E_m : 590 lux
 UGR: ≤ 19

Lux 720 630 540 450 360

GLARE CONTROL

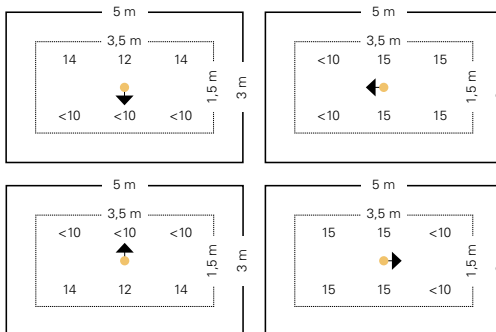
CLOUD range reduces the sensation produced by bright areas within the field of view, usually known as glare. In order to avoid errors, fatigue and accidents in indoor work places we developed the CLOUD range to meet discomfort glare limits specified in the EN12464-1. CLOUD range is suitable for indoor work places with Display Screen Equipment (DSE) including VDUs. With CLOUD range the lighting for the DSE work stations is appropriate for all tasks performed at the work station, such as, reading from screen, printed text, writing on paper, keyboard work.



UGR = 13 on the observer eye level
UGR ≤ 19 in any part of the room at 1,2 m height

A - OBSERVER EYE LEVEL

UGR SURFACE CALCULATION INSIDE THE ROOM



UGR ≤ 16

CLOUD LED

TECHNICAL LIGHTING

Norms

EN 60598-1 , EN 60598-2-2



Body: Steel sheet.

Finish: White matt powder coated.


Light source: LED 4000K, CRI>80.

LED life time: 65.000h @ L80, B10, Ta 25°C.


Control gear: LED Driver 220-240VAC-50/60Hz.



DAM - Microprismatic diffuser

LED	UGR	W	Lm	Lm/W	η (%)	AxBxC (mm)		Kg	HF	DALI
	≤19	47	6440	92	67	597x597x100	580x580	6,2	9Z3A.412.2J.F4	9Z3A.412.2J.E4
	≤19	57	8208	96	67	597x597x100	580x580	6,2	9Z3A.414.2J.F4	9Z3A.414.2J.E4


OPTIONS



Colour temperature

3000K
Tunable White


Order code
3000
T000



Air handling

Air handling (20~40) L/s


Order code
AC



Connectors

Connector 3-pole Wieland GST18i3 male
Connector 5-pole Wieland GST18i5 male
Connector 5-pole Wieland GST18i5 DIM male


Order code
W3M
W5M
W5MD



Safety cable

Steel safety cable

Order code
955000



Emergency unit

Emergency unit 3 hours
Emergency unit 1 hour

Order code
K3
K1

• Test function by telecommand signal.

DETAILS



Plug&Play Connectors

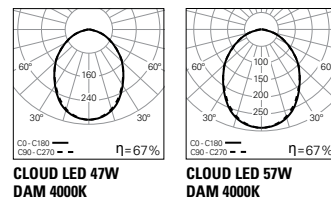


Connector for DIM version

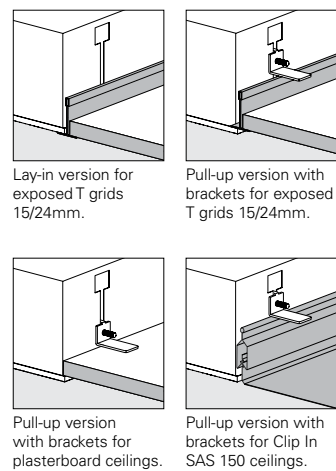


Air handling detail (optional)

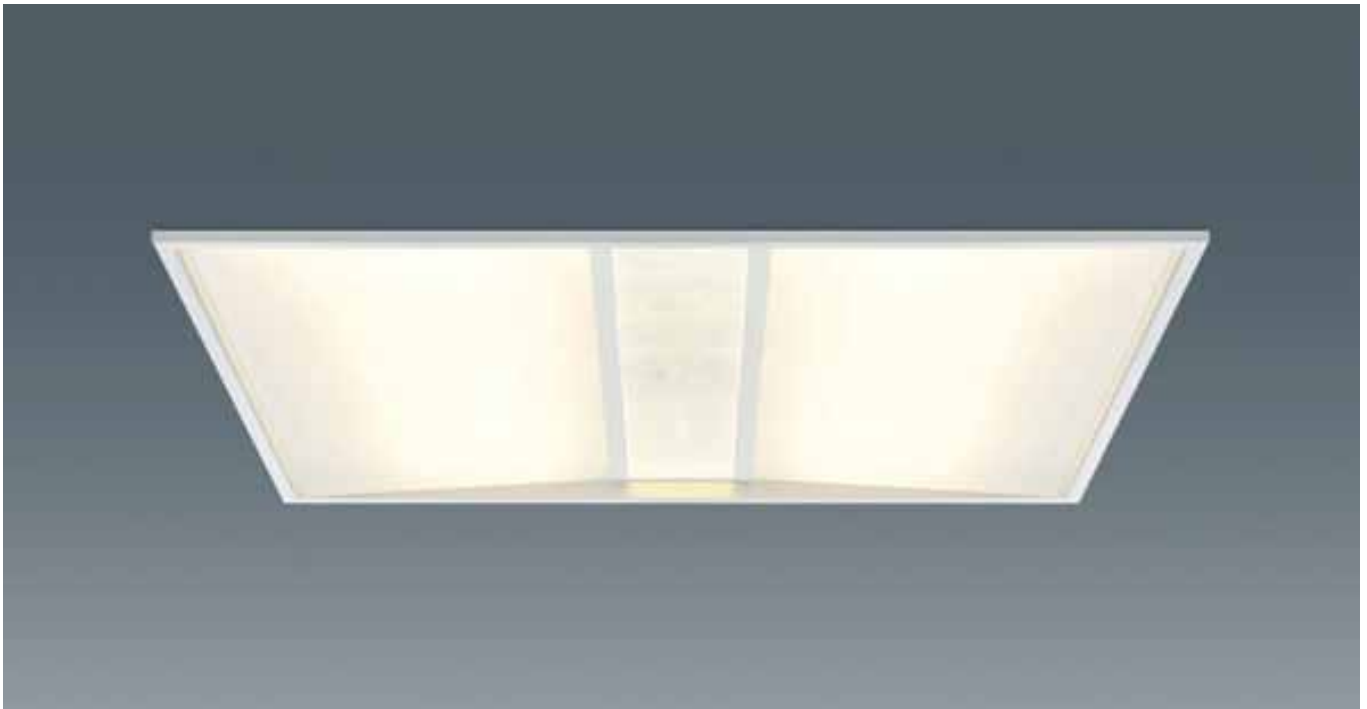
PHOTOMETRY



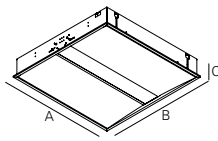
FIXING SYSTEMS



Other versions under request



DIMENSIONS



TO SPECIFY

Recessed LED luminaire for modular ceilings. Satin polycarbonate diffuser on the sides providing diffuse lighting and center microprismatic diffuser for light glare control with UGR<19 according to EN 12464-1. Standard version with 4000K, CRI>80 and 65,000h lifetime (@ L80, B10, Ta 25°C). Suitable for lay-in into exposed T grids or pull up version with brackets. Optional DALI dimmable driver, 3000K, air handling and 1 or 3 hours emergency unit. – as Roxo Lighting CLOUD LED



