

RICOMAN



E-PRO
Architectural Downlights



At RICOMAN, we think globally and act locally. We are based in Manchester with 10 years experience in the UK lighting market.



Introducing E-PRO

E-PRO enhances the architectural style of a room emphasizing the overall aesthetics of a building. The range is designed to blend seamlessly into most interior environments.

Subtle yet stunning, the **E-PRO** range marries a cellular light technology with an impressive minimalist style. Available in a range of sizes, colours, outputs and colour temperatures. With recessed, surface and track mounting available.





Meet the range

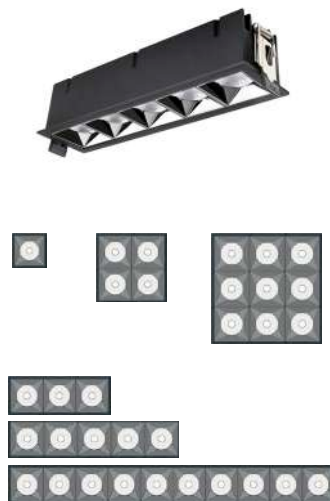
E-PRO has been designed to meet the dynamic specifications of various commercial, residential, hospitality or retail spaces.

E-PRO Surface



5W-36W
527 - 3755 lumens

E-PRO Recessed



5W-40W
527 - 3802 lumens

E-PRO Track



8W-36W
850 - 3802 lumens


3000K Warm White


4000K Neutral White


Matte White Finish
(RAL9016)

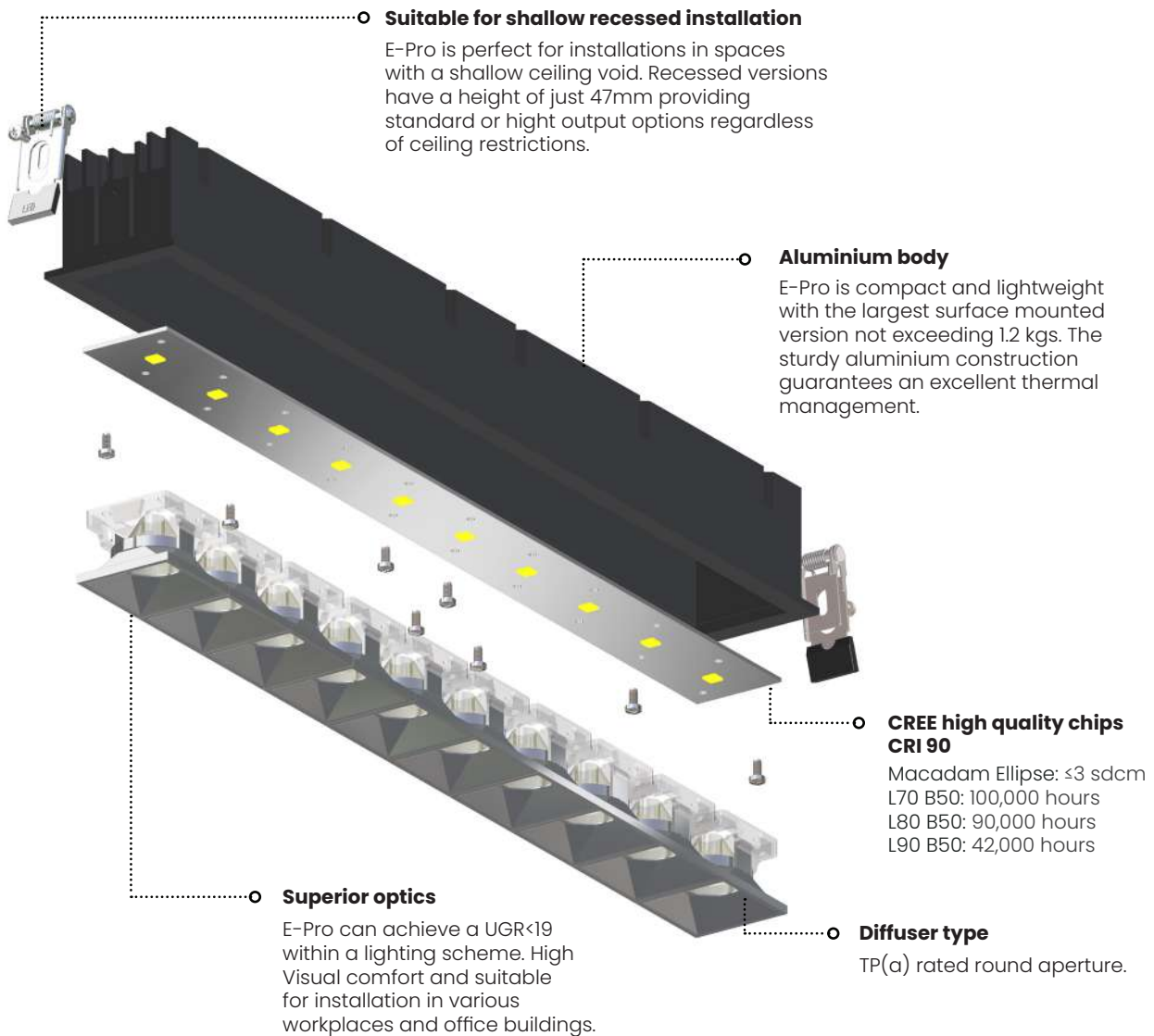

Matte Black Finish
(RAL9005)

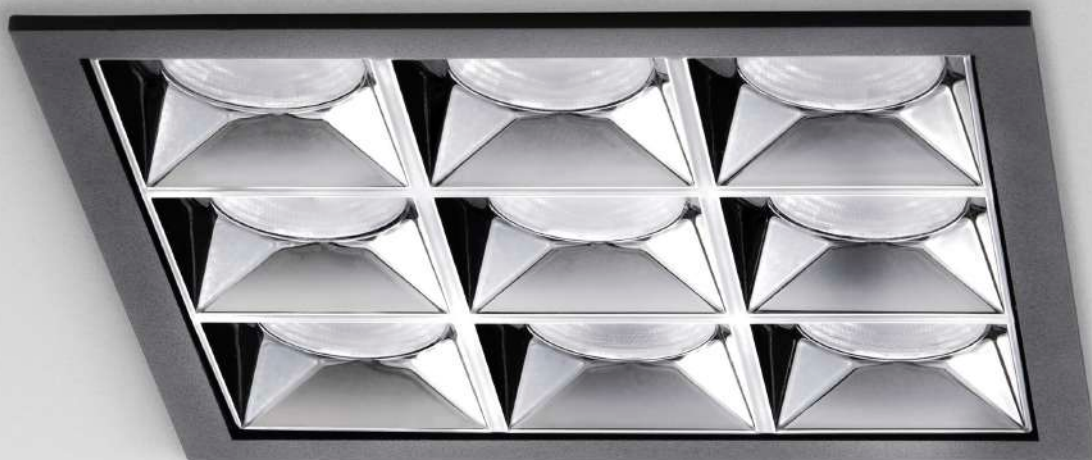
IP20

CRI>90Ra



Casambi | DALI | DSI | Mains | 0-10 | Emergency





The next generation

Offering a high visual comfort, a cool design and easy installation, E-Pro is the next generation of recessed downlights.

Smart lighting

E-PRO series can be specified with CASAMBI to increase user control.



Luminaires' Grouping

Group your downlights as easily as grouping apps in your smart device.



Scenes

Create different lighting situations for different occasions.



Animations

Fade from one scene to the next, being able to set the duration and fade times.



Gallery

Take a photo of the room, mark the position of the luminaires and control them by tapping.



Daylight Sensor

Dim your lights when daylight is available to enjoy natural light and save energy.



Occupancy Sensor

Turn your lights only when needed and save on your energy bills.



Calendar & Timer

(De)activate scenes and animations, based on your schedule, needs and the season.



Sunrise & Sunset

Adjust your settings according to the local sunrise and sunset times.

CASAMBI



The importance of glare control

UGR stands for “Unified Glare Rating” and is a measure of the glare in a lighting environment. It is important for offices because high levels of glare can cause visual discomfort and eye strain for workers, which can lead to decreased productivity and increased absenteeism.

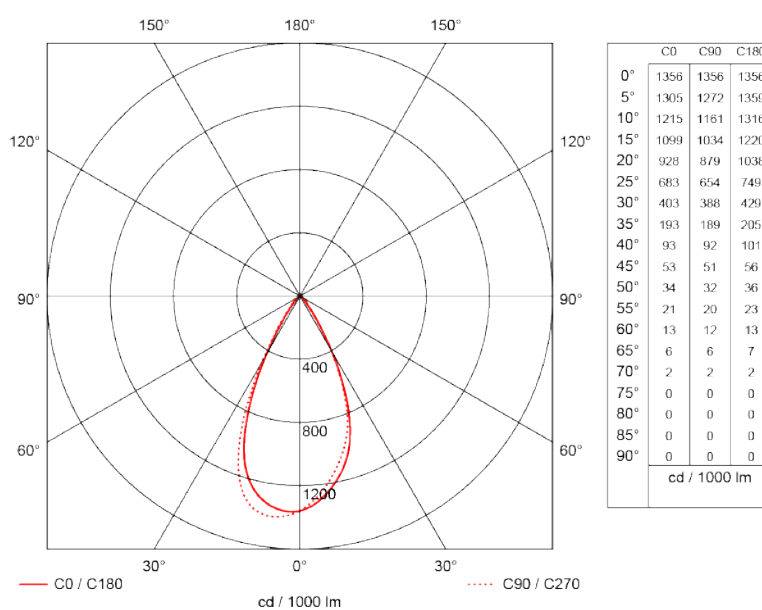


By ensuring that the UGR in an office is within recommended levels, employers can create a comfortable and safe work environment for their employees. Many organizations and building codes require that lighting systems meet specific UGR criteria.



Our lighting engineers have been testing **E-PRO** in different occasions and all the luminaire versions consistently give UGR below 18.

Report based on E-PRO
3x3 cells 36W



E-PRO

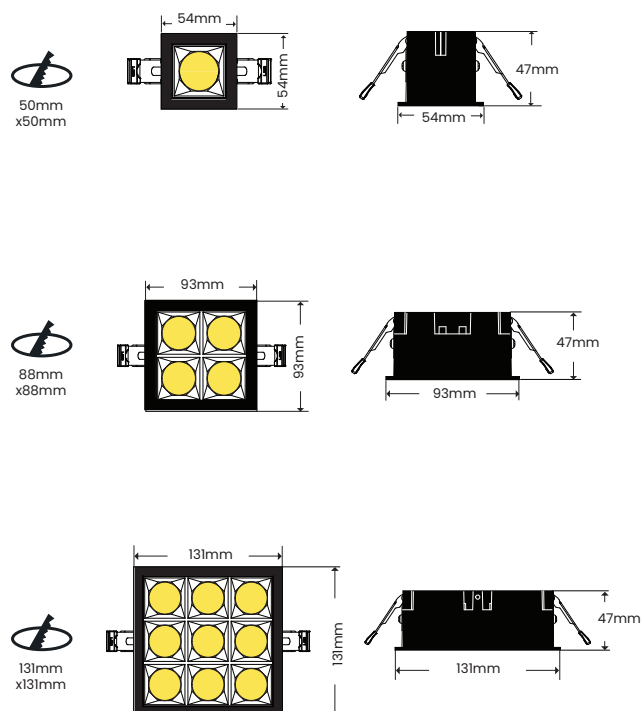
Recessed
square

To specify:

A range of recessed LED downlights in black or white finish and single or multiple square cellular options. Round aperture optics for excellent glare control with a <3 step Macadam ellipse tolerance – as RICOMAN's E-Pro recessed range.



Construction Material	Aluminium
Diffuser Type	TP(a) rated
Colour Finish	White Black
Voltage Range	AC220-240V
Power Factor	>0.90
Protection Class IEC	Class III
Operating Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Beam Angle	50°
Operating Hours	>50000
Kelvin	3000K 4000K
CRI	>90 Ra
IP Rating	IP20
IK Rating	IK07





Code	Type	Power	Lumens (At 4000K)	Weight (kg)	Running Current	Suffix	Option
R093701	Single cell	5W	527	0.23	120mA	/WT	White finish
R093722/8W	2x2 cells	8W	850		250mA	/BK	Black finish
R093722/16W		16W	1692	0.4	400mA	/3K	3000K
R093733/18W	3x3 cells	18W	1900		450mA	/4K	4000K
R093733/36W		36W	3802	0.8	800mA	/DD	DALI dimming
						/DL	0-10V dimming
						/DSI	DSI dimming
						/CC	Casambi

Code	Accessory
R10-03E(SM)	3H emergency pack
R10-03(SM)/DDPRO	DALI addressable emergency pack
R10-03E(SM)/Z10	Z10 Remote control emergency kit (manual or advanced self-test)
R10-Z10	Z10 Emergency remote control

Full code example

R093733/BK/3K/36W: E-Pro
Recessed 3x3 Cells 36W Black
Finish in 3000K

E-PRO

Recessed
linear

To specify:

A range of recessed linear LED downlights in black or white finish and 3, 5 or 10 cellular options. Round aperture optics for excellent glare control with a <3 step Macadam ellipse tolerance – as RICOMAN's E-Pro recessed range.

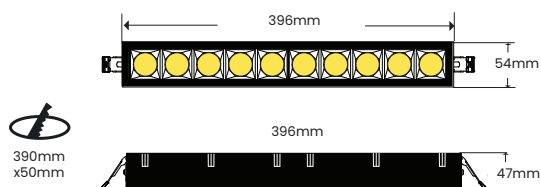
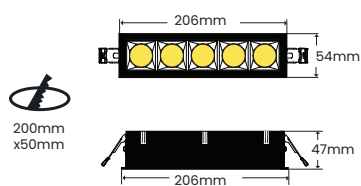
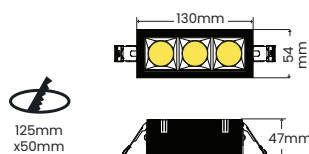
5 YR
WARRANTY

106
LM/W

UGR
<19

TP(a)

Construction Material	Aluminium
Diffuser Type	TP(a) rated
Colour Finish	White Black
Voltage Range	AC220-240V
Power Factor	>0.90
Protection Class IEC	Class III
Operating Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Beam Angle	50°
Operating Hours	>50000
Kelvin	3000K 4000K
CRI	>90 Ra
IP Rating	IP20
IK Rating	IK07



UK
CA

CE

RoHS



Code	Type	Power	Lumens	Weight (kg)	Running Current	Suffix	Option
R093703/6W	1x3 cells	6W	635	0.4	150mA	/WT	White finish
R093703/12W		12W	1268		300mA	/BK	Black finish
R093705/10W	1x5 cells	10W	1050	0.6	250mA	/3K	3000K
R093705/20W		20W	2103		450mA	/4K	4000K
R093710/20W	1x10 cells	20W	2095	0.9	450mA	/DD	DALI dimming
R093710/40W		40W	4189		950mA	/DL	0-10V dimming
						/DSI	DSI dimming
						/CC	Casambi

Code	Accessory
R10-03E(SM)	3H emergency pack
R10-03(SM)/DDPRO	DALI addressable emergency pack
R10-03E(SM)/Z10	Z10 Remote control emergency kit (manual or advanced self-test)
R10-Z10	Z10 Emergency remote control

Full code example

R093703/WT/4K/6W: E-Pro Recessed
1x3 Cells 6W White Finish 4000K

E-PRO

Surface

To specify:

A range of surface mounted LED downlights in black or white finish and single or multiple square cellular options. Round aperture optics for excellent glare control with a <3 step Macadam ellipse tolerance – as RICOMAN's E-Pro surface range.



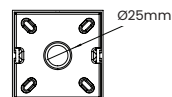
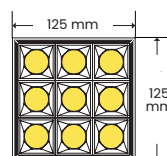
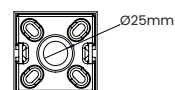
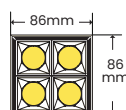
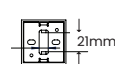
5 YR
WARRANTY

106
LM/W

UGR
<19

TP(a)

Construction Material	Aluminium
Diffuser Type	TP(a) rated
Colour Finish	White Black
Voltage Range	AC220-240V
Power Factor	>0.90
Protection Class IEC	Class I
Inrush current	<10A
Operating Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Beam Angle	50°
Operating Hours	>50000
Kelvin	3000K 4000K
CRI	>90 Ra
IP Rating	IP20
IK Rating	IK07



UK
CA

CE

RoHS



Code	Type	Power	Lumens	Weight (kg)	Running Current	Suffix	Option
R093601	Single cell	5W	527	0.4	100mA	/WT	White finish
R093622/8W	2x2 cells	8W	840	0.7	200mA	/BK	Black finish
R093622/16W		16W	1680		400mA	/3K	3000K
R093633/18W	3x3 cells	18W	1890	1.2	400mA	/4K	4000K
R093633/36W		36W	3755		800mA		

Full code example

R093622/BK/4K/8W: E-Pro Surface Mounted 8W 2x2 Cells Black Finish 4000K

E-PRO

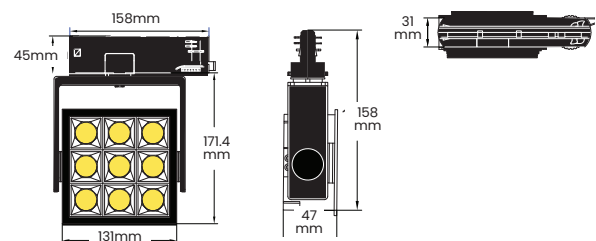
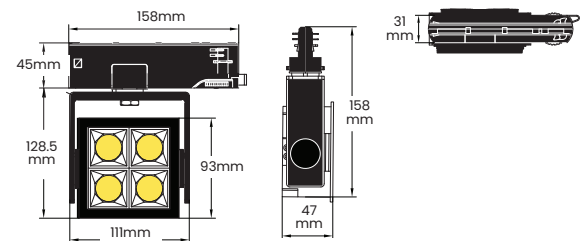
Track

To specify:

A range of surface mounted LED downlights in black or white finish and single or multiple square cellular options. Round aperture optics for excellent glare control with a <3 step Macadam ellipse tolerance – as RICOMAN's E-Pro surface range.



Construction Material	Aluminium
Diffuser Type	TP(a) rated
Colour Finish	White Black
Voltage Range	AC220-240V
Power Factor	>0.90
Protection Class IEC	Class I
Inrush current	<10A
Operating Temperature	-20°C to +45°C (0°C to 40°C for emergency)
Beam Angle	50°
Operating Hours	>50000
Kelvin	3000K 4000K
CRI	>90 Ra
IP Rating	IP20
IK Rating	IK07





Code	Type	Power	Lumens	Weight (kg)	Running Current	Suffix	Option
R111722/8W	2x2 cells	8W	840	0.7	200mA	/WT	White finish
R111722/16W		16W	1680		400mA	/BK	Black finish
R111332/18W	3x3 cells	18W	1890	1.2	400mA	/3K	3000K
R111733/36W		36W	3755		800mA	/4K	4000K
						/CC	Casambi

Full code example

R111722/BK/3K/18W: E-Pro Track Mounted 18W 2x2 Cells Black Finish 3000K.

520 Metroplex, Broadway,
M50 2UE, Manchester, UK
0161-451-5920

sales@ricoman.com
www.ricoman.com