



Whitecroft
lighting

Stylus

LED linear luminaire

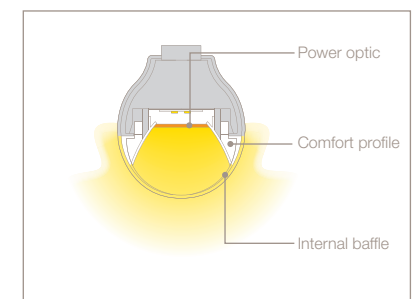


Stylus

Stylus is a new linear LED luminaire for a wide range of applications. Both Stylus Comfort and Stylus Area feature a modern aesthetic, with Comfort focused on delivering compliance in classrooms or offices and Area designed for use in circulation and amenity areas. Stylus will deliver a project wide solution while maintaining a uniform aesthetic.

Compliance in classrooms and offices

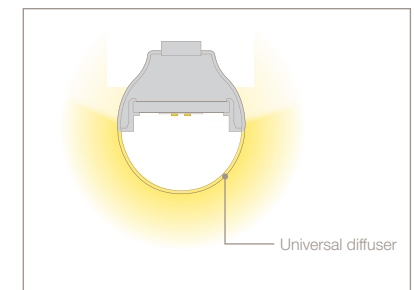
Stylus Comfort employs a three stage optic to provide exceptional glare control from all angles of view. The innovative power optic, internal baffle and comfort profile optical design softens and shields the light source to enhance visual comfort whilst maximising the light distribution. The result is enhanced wall and ceiling surface illuminance, creating brighter spaces with higher levels of cylindrical illuminance.



Stylus Comfort: the three stage optic eliminates glare from all viewing angles

Affordability in utility and transitory areas

Stylus Area is focused on reducing the installed cost and utilises a micro polymer curved optic to maximise uniformity and minimise glare from all angles, ensuring a single design solution throughout many different areas of a building.



Stylus Area: the wide curved optic maximises uniformity across the space



Optics



Stylus Comfort

Controlling Glare

The unique opal inner diffuser employed by Stylus Comfort houses a slimline baffle, to eliminate glare from all angles of view and control directional light output, ensuring the maximum amount of light is delivered to the working plane. Stylus Comfort creates comfortable working environments, suitable for office or education applications. Compliance with BS EN 12464-1 is assured, as well as LG5, LG7 and BCO guidelines.



Stylus Area

Maximising uniformity

The curve of Stylus Area's diffuser is designed to maximise uniformity and minimise glare from all angles. Stylus Area will provide comfortable illumination whether ceiling or wall mounted.

Efficient light engine

Stylus is available in a range of outputs, from 1700 to 6000 lumens. All offer the same 4000K cool white LED light engine which uses high quality, quarter bin LEDs to ensure the highest level of efficiency.

Body

Installation made simple

Quick and easy installation is assured thanks to the unique snap-together construction of Stylus. The steel body can be fitted first and then the light engine, gear tray and diffuser assembly snaps onto the body without the need for tools. End caps are fitted last to ensure IP44 protection on Stylus Area and Stylus Comfort. Conduit entry points are included as standard to further speed up installation.



Snap in gear tray and diffuser



Conduit entry point

Integral controls

Stylus is available with a choice of lighting control detectors. A Command 5 microwave detector can be integrated into the body, or a Command 6 PIR detector can be fitted as a finger post on the luminaire.

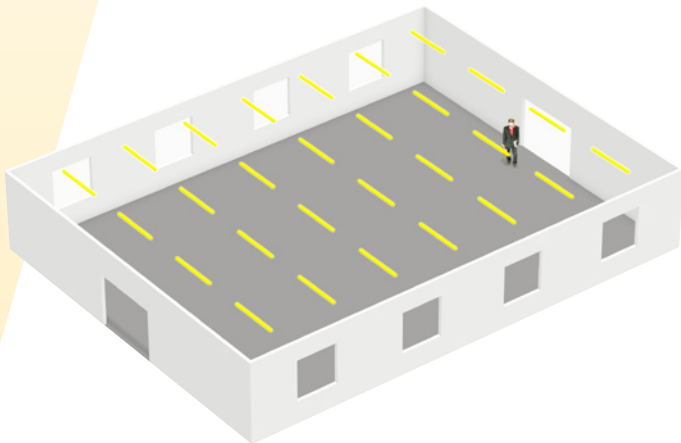


Command 6 detector

Emergency options

An integral self contained emergency version of Stylus is available, or if greater control is required the luminaire can be used in conjunction with our DALI based COMEPS automatic testing and reporting system.

Stylus Comfort



Open plan office 220m²

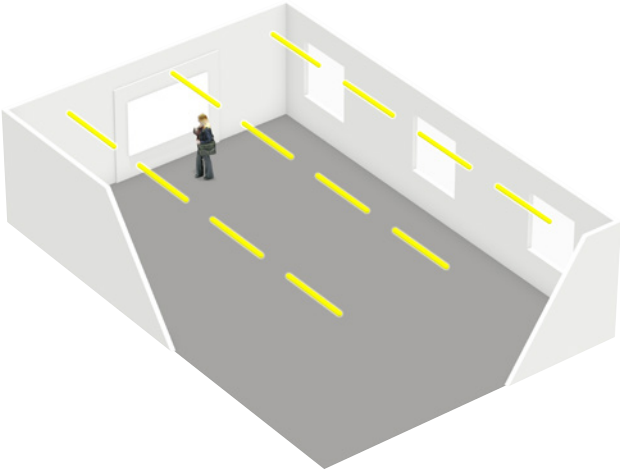
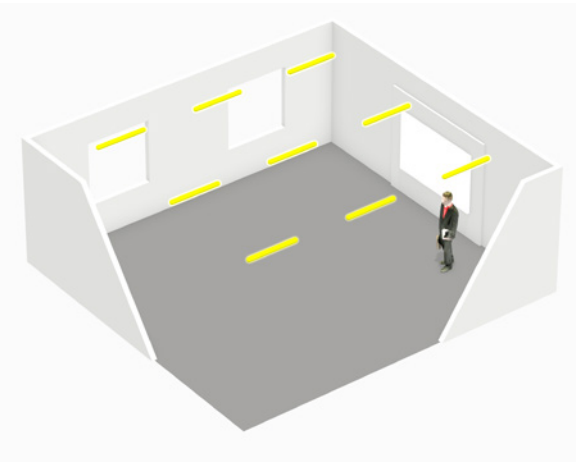
Stylus Comfort complies with the most stringent glare control regulations, ensuring a comfortable, well lit working environment. Low energy is assured with the most efficient LED light engines available in this type of luminaire.

Luminaire	Target Lux	Actual Lux	Target Cylindrical	Actual Cylindrical	Target UGR	Actual UGR	Quantity	w/m ² /100 lux
Stylus Comfort 37W	500	501	150	184	19	18.8	28	0.94
2 x 49W T5		510		187		18.6	32	3.11

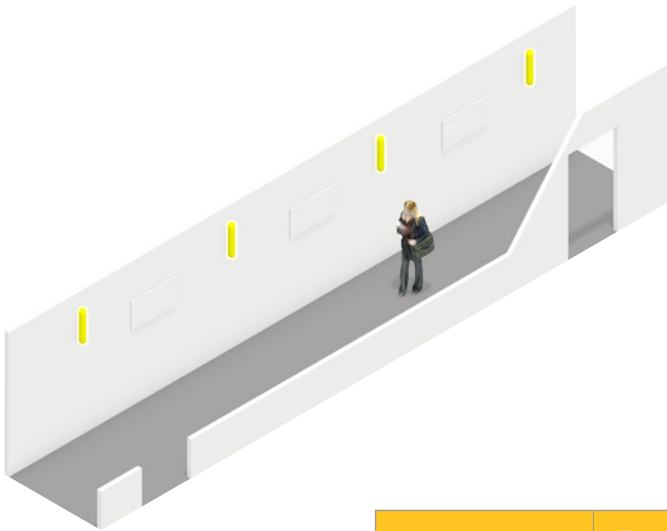
Classrooms

Stylus Comfort combines efficiency with visual comfort in classroom applications. Whether a standard classroom or specialist area, Stylus brings significant energy savings and minimises the need for ongoing maintenance.

Luminaire	Target Lux	Actual Lux	Target Cylindrical	Actual Cylindrical	Target UGR	Actual UGR	Quantity	w/m²/ 100 lux
General classroom 56m²								
Stylus Comfort 37W	300	395	150	150	19	17.8	9	1.50
Cascade LED 33W		379		153		17.7	9	1.39
Technology Classroom 90m²								
Stylus Comfort 49W	500	512	150	185	19	18.5	12	1.28
Cascade LED 38W		500		193		18.5	15	1.27



Stylus Area



Corridor

In corridor applications Stylus Area offers significant energy savings when compared to other highly efficient LED solutions. Mounted vertically, Stylus Area delivers bright, even illumination and a striking visual appearance.

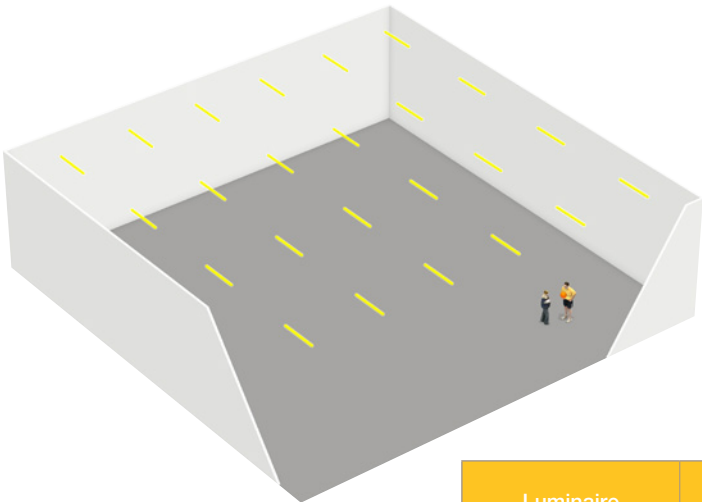
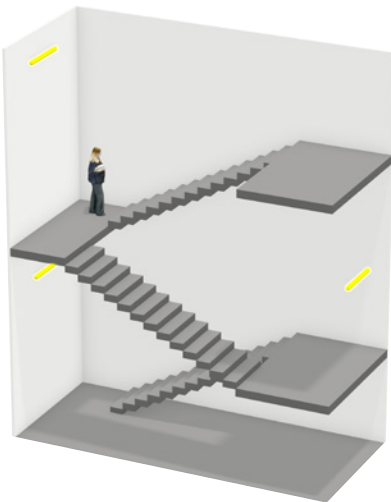
Luminaire	Target Lux	Actual Lux	Quantity	Spacing	w/m ²	w/m ² /100 lux
Stylus Area 21W	100	100	7	3.0m	3.6	3.67
Horizon 360 24W	100	117	7	3.0m	4.2	3.58

Based on 2.0m wide corridor, 1.9m mounting height, mounted side on

Stairwell

Stylus Area brings safety and efficiency to stairwell illumination. Low energy and installation costs are guaranteed with a single luminaire per landing, whilst the linear light engine delivers a more even vertical and horizontal illumination than traditional bulkhead luminaires.

Luminaire	Target Lux	Actual Lux	Quantity per landing	Mounting height	w/m ²	w/m ² /100 lux
Stylus Area 37W	150	152	1	2.0m	6.4	4.21
Kolo 28W	150	184	2	2.0m	9.7	5.27



Area

Ceiling mounted Stylus Area luminaires provide excellent area illumination, with high levels of ceiling brightness creating a pleasant lit appearance. Energy savings are significant, with an average reduction of 35% compared to long lamp T5 solutions.

Luminaire	Target Lux	Actual Lux	Quantity	Spacing	w/m ²	w/m ² /100 lux
Stylus Area 57W	300	341	36	3.5x3.5	5.1	1.52
Stiletto 2x35W	300	300	36	3.5x3.5	6.9	2.31

Based on 5m ceiling height, 5m mounting height

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The logo for Whitecroft lighting features the company name in a white sans-serif font on a black rectangular background. To the right of the text, there are several curved, glowing yellow lines that suggest light or a modern design aesthetic.

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whitecroftlighting.com