

curie elite

Clean area: IP65/65 Non-modular recessed T5 clean room luminaire





APPLICATION

- Pharmaceutical
- Containment facilities
- Clean manufacturing
- IP65/65 protection, a smooth crevice free front face and rapid maintenance features make Curie ideally suitable for any class of clean room or containment facility requiring a recessed non-modular luminaire up to the most exacting requirement. For FS209D class 100 and 1000 cleanrooms or equivalent and ACDP class 3 and 4, glass diffusers are recommended for ease of cleaning, rigidity and chemical resistance
- Cut and prepared aperture ceilings and sandwich panels with capped aperture reinforcements up to a depth of 90mm front and 108mm back access with standard brackets or 153mm front and 170mm back access with special deep ceiling bracket



Solid aluminium jacking bracket

SPECIFICATION

- Lamp options:
 - 4 x 14W T5
 - 4 x 24W T5
 - 2 or 4 x 28W T5
 - 2, 3 or 4 x 54W T5
 - T5 lamp technology giving excellent colour rendition and 20,000 hours lamp life
 - Concealed front frame fixings on front access versions, hinged lid but no front fixings on back access
 - Dual IP rated – to a BSI tested and certified construction as protecting the room to IP65 from void contamination with the front frame on or off
 - Triple flipper thermoplastic rubber seal with welded corners to best cope with ceiling irregularity and maintain maximum room integrity
 - Shallow profile extruded aluminium diffuser frame with fully welded and finished corners finished White to RAL 9016 full gloss with a facility to remove and replace glass or diffusers
 - Diffuser securely clamped but easily removable from frame for replacement
 - 0.9mm gauge fully welded and finished body
 - Solid aluminium side arm jacking brackets adjusted from within the sealed body - front access/from the room above back access
 - High frequency gear, 3 hour integral emergency (when required) and lamps on an interchangeable and rapidly detachable four point fix gear and lamp tray with plug socket
 - All optics are TP(a) rated
 - Cat 2 louvre above 4mm toughened glass or clear 3mm fireguard material
 - Prismatic acrylic above 4mm toughened glass
 - Single sheet fireguard 3mm prismatic TP(a) rated material
 - Fused terminal block
 - Supplied without lamps – 4000K recommended in clean room applications
- Note** – a glass front face resists all cleaning chemicals and is best for a sterile environment. Other TP(a) materials are selected for best chemical resistance if advice is needed contact the Whitecroft technical desk
- In critical aseptic or ACDP category 3 and 4 applications: If diffuser rigidity and avoidance of suction is a concern when airlocks open and pressures fluctuate, we recommend glass or twin sheet diffusers. For less critical applications, Curie IP65/65 is also available with a single sheet diffuser. Customers previously using our Pasteur IP65/54 luminaire with a single sheet diffuser can now gain the benefit of a higher specification IP65 body in Curie

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ORDER CODES – CURIE ELITE

IP65/65 NON MODULAR RECESSED T5 CLEAN ROOM LUMINAIRE

FRONT ACCESS

SUPPLIED LESS LAMPS	CAT 2 LOUVRE ABOVE 4MM TOUGHENED GLASS	CAT 2 LOUVRE ABOVE 3MM CLEAR TP(a) RATED SHEET	PRISMATIC ACRYLIC ABOVE 4MM TOUGHENED GLASS	PRISMATIC TP (a) SINGLE SHEET
4 x 14W T5	CUWGH414	CUWFH414	CUAGH414	CUKH414
4 x 24W T5	CUWGH424	CUWFH424	CUAGH424	CUKH424
2 x 28W T5	CUWGH228	CUWFH228	CUAGH228	CUKH228
4 x 28W T5	CUWGH428	CUWFH428	CUAGH428	CUKH428
2 x 54W T5	CUWGH254	CUWFH254	CUAGH254	CUKH254
3 x 54W T5	–	–	CUAGH354	CUKH354
4 x 54W T5	CUWGH454	CUWFH454	CUAGH454	CUKH454

DEEP CEILING BRACKET For ceilings up to 153mm thick (front) and 170mm (back access) order separately as **150CBKT600** (14 and 24W lamps) and **150CBKT1200** (28 and 54W lamps)

ANALOGUE DIMMING Replace H in above codes with **R**

R Analogue dimming gear 1 – 10v dc analogue input level as standard, i.e. **CUWGR414**
Other regulating methods (digital DSI, DALI, Push Dim) available on request.

BACK ACCESS Add suffix to order codes above

BA Back access, i.e. **CUWGH414BA**

EMERGENCY Add suffix to order codes above

EMIN 3 hour integral emergency, i.e. **CUWGH414BAEMIN**

EASYTEST OPTION Add suffix to order code above

/ET  Integral self autotest, i.e. **CUWGH414BA/ET**

Note To minimise down time of Clean Rooms the complete lamp and gear tray assembly can be removed as one unit.

To specify state:

Recessed non-modular front (back) access T5 clean room luminaire for cut/prepared aperture ceilings. To a BSI tested and certified construction as IP65 frame on or off with fully welded body and front frame corners and triple contact welded TPR gasket. Concealed or no front frame fixings, suspension via solid aluminium jacking bracket adjusted from (inside – front access, outside – back access) the luminaire – as Whitecroft Lighting CURIE ELITE

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