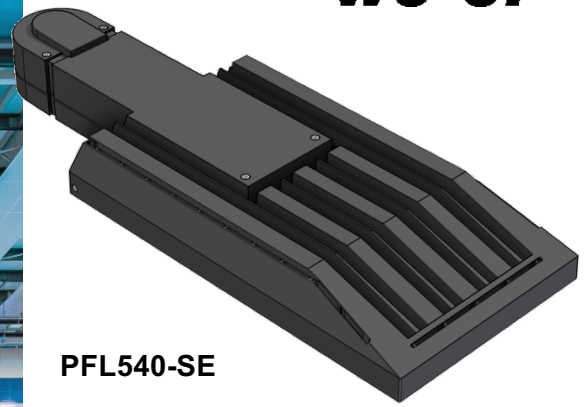
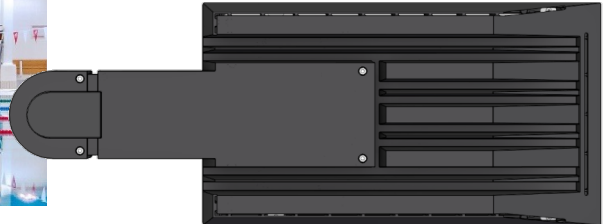




we-ef



PFL540-SE



SOLUTIONS FOR AQUATIC CENTRE LIGHTING

PFL540-SE (SIDE-ENTRY)

- The PFL540-SE suitable to withstand the 24/7 high ambient temperature in pool environment, tested for ambient temperature of 40° Celsius
- The large luminaire body with excellent heatsink for cooling LED boards, non-aging silicone gasket, and a driver that is separated from the actual luminaire head reduce the risk of overheating
- The UV stabilised acrylic cover over the LEDs assists in high transmission and avoids internal reflection
- Suitable for **UPLIGHTING** and **DOWNLIGHTING** applications
- Optics recommended for lighting the pool area are [A60] asymmetric, 'forward-throw', to direct the light to where it is needed. With the PFL540-SE, there is no upward tilt required due to the fixed optics. When uplighting, 5° downward tilt is possible to prevent water pooling on gasket
- Minimisation of veiling reflection is critical to enabling visibility of swimmers below the water's surface (safety). This is to be achieved via lighting from the outer perimeter of the centre and avoiding lighting from directly above the pool

LUX LEVELS dependent on the style of swimming the complex is delivering:

Recreation or training and low-level competition

\bar{E}_h 150 lux, E_{hmin}/\bar{E}_h U1 0.5,
 E_{hmin}/E_{hmax} U2 0.3, GR Outdoor
 50, GR Indoor 40, R_a 65

Club, interclub or district competition

\bar{E}_h 300 lux, E_{hmin}/\bar{E}_h U1 0.6,
 E_{hmin}/E_{hmax} U2 0.4, GR Outdoor
 50, GR Indoor 40, R_a 65

National or state competition

\bar{E}_h 600 lux, E_{hmin}/\bar{E}_h U1 0.7,
 E_{hmin}/E_{hmax} U2 0.5, GR
 Outdoor 50, GR Indoor 40,
 R_a 80

MENTONE GIRLS AQUATIC
CENTRE, VIC
FEATURING PFL540-SE



WHY WE-EF FOR AQUATIC CENTRES

10 YEAR WARRANTY

WE-EF luminaires backed by 10-year warranty in Australia and New Zealand and strong reliable service support including installer hotline



10 YEAR
WARRANTY

DURABILITY

Aquatic centres are hot ~40° and humid environments (often 50-60%) within which metal corrodes at a much faster rate. A strong German heritage ensures premium quality; technology such as **5CE+Primer** corrosion resistance = products that withstand tough conditions



5CE
+PRIMER

LOCALLY MADE

Local assembly enables bespoke solutions to solve application challenges and meet project needs, creation of 'hybrid' optics and control solutions, technical and lighting design support

HIGH PERFORMANCE

Products are designed and engineered to achieve the required lighting levels for lowest possible electrical load, ensuring performance and efficiency. Systems like OLC® (One LED Concept) maintain consistent uniformity

SUSTAINABILITY FOCUS

With EPDs (Environmental Product Declarations), WE-EF is focused on ensuring longevity of products and optimum recyclability of components at end of life