



**FUTURE**  
**Lighting Solutions**

**Making LED lighting solutions simple™**  
[www.FutureLightingSolutions.com](http://www.FutureLightingSolutions.com)

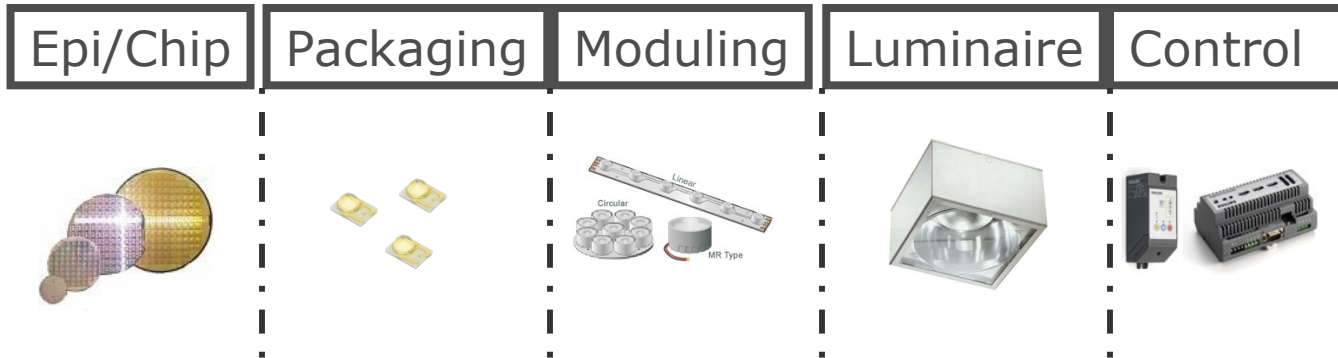
[TomasLammimaki@FutureElectronics.com](mailto:TomasLammimaki@FutureElectronics.com)



# LED sovelluksia

---

# Future Lighting Solutions services



Future Lighting Solutions



# Esimerkkejä laadukkaista suomalaisista LED valaisin/moduulivalmistajista

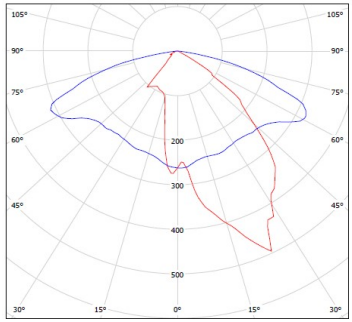
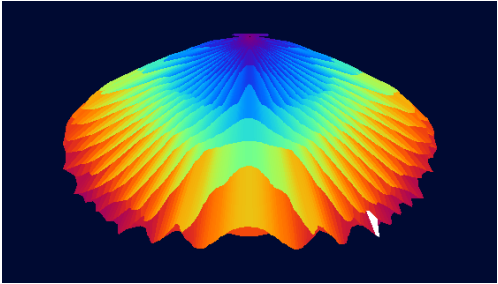
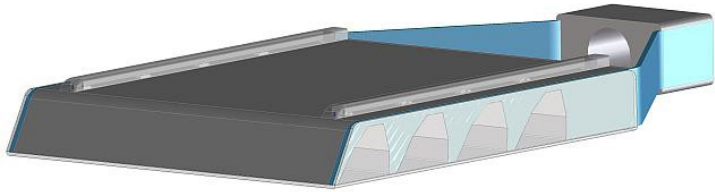
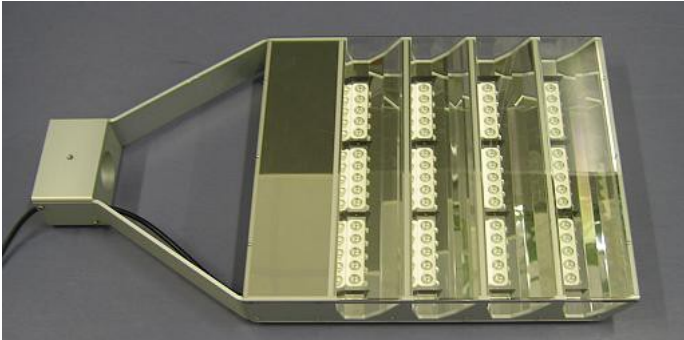
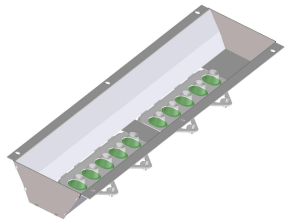
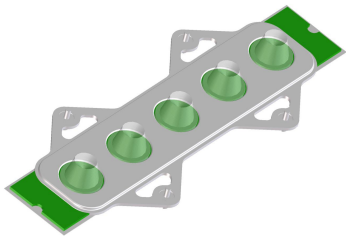
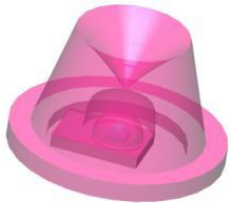
---



- Diranet Oy Savled
  - SAAS
  - Valopaa
  - Enerpoint
  - Lumilab
-

- Pöytävalaisin konsepteja
  - löytyykö yhteistyöyrityksiä?
-

# Apollo Concept



# Apollo Summary

---

- Usable for the most common specifications in Europe: S, CE & Me class and in the US
  - Modular concept, adjustable to various street configurations (street widths & pole heights)
  - Performance is 4x MH (pole height /pole spacing)
  - Fulfills full cut-off regulation
  - 0 degrees tilt of luminaire
  - Need custom reflector design (FLS/PLLC can assist)
  - Requires automatic vision assisted lens assembly equipment for NX02 lens
-



**FUTURE**  
**Lighting Solutions**

**Making LED lighting solutions simple™**  
[www.FutureLightingSolutions.com](http://www.FutureLightingSolutions.com)

[TomasLammimaki@FutureElectronics.com](mailto:TomasLammimaki@FutureElectronics.com)

