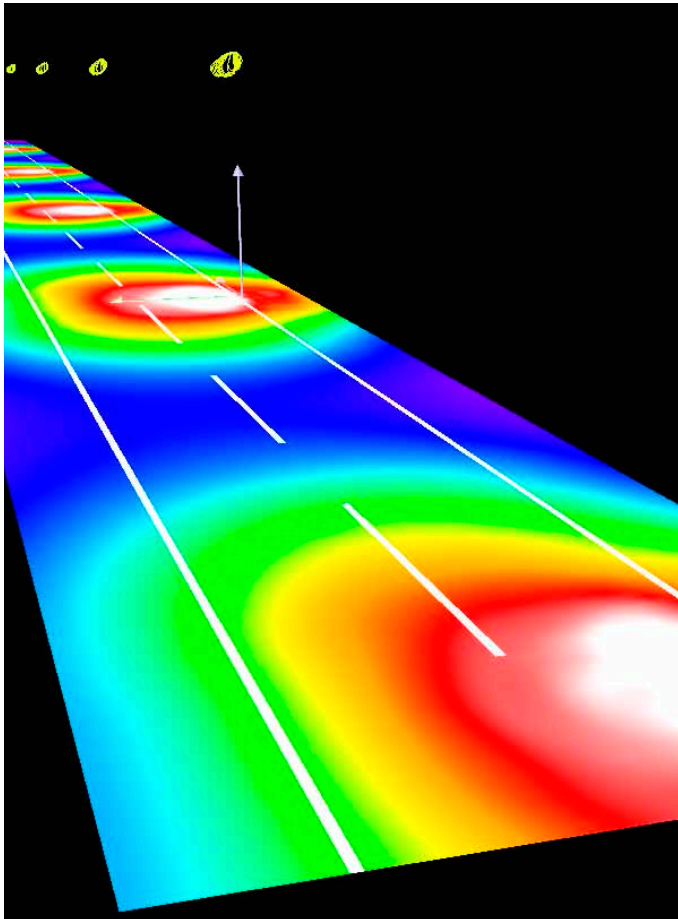




Typical Application Example

Application simulation



Simulated results:

Luminous flux (Lamps): 12500 lm
 (≈ three modules needed)
 Road width 7 meters
 Pole height 8 meters
 Distance between poles 37 meters
 Boom angle 0°
 Street coating R3

- E_{av} : 14 lx
- E_{max} : 28 lx
- $u0$: 0.416

Selected lighting class ME3a

✓ All lighting performance requirements are met.

	L_{av} (cd/m ²)	U0	UI	TI (%)	SR
Calculated values	1.01	0.46	0.72	15	0.64
Required values according to class	≥1.00	≥0.40	≥0.70	≤15	≥0.50
Fullfilled/ Not fullfilled	✓	✓	✓	✓	✓

Optics used

CS14632_STRADA-2X2MX-DWC

- Dimensions: 90 x 90 mm
- Height: 11.13 mm
- Typical efficiency: 94%
- Street lighting module featuring the next generation universal DWC beam with more controlled beam shape and improved backlight
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C

