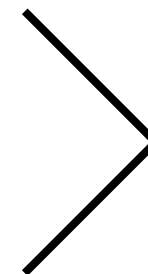


Spectral®



**Mirefa by Spectral.**

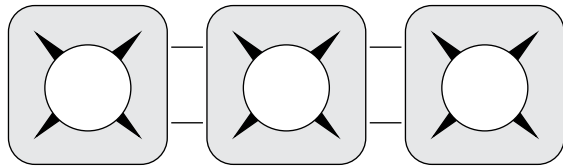
LOOKBOOK 1.0



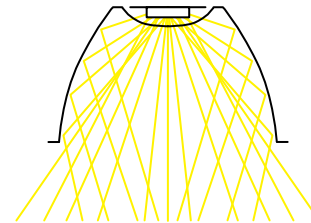
# Spectral®

## General and technical information.

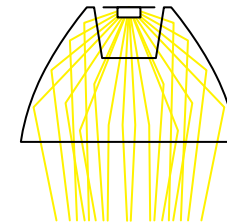
- Mirefa is a reflector system and does not use lens technology
- the primary area of application is office areas, but Mirefa is also ideally suited for general lighting in corridors, halls or foyers
- the reflector system consists of a triple composite, but can also be used as a two-part or single unit via predetermined breaking points defined in the tool
- approx. 1000 lm of glare-free UGRREF (4H / 8H) <19 \* can be generated per unit (3 reflectors)
- no sharp “cut off” at the edges of the light cone but soft scattered light (see beam path)



Mirefa standard unit (3 reflectors)



beam path Mirefa



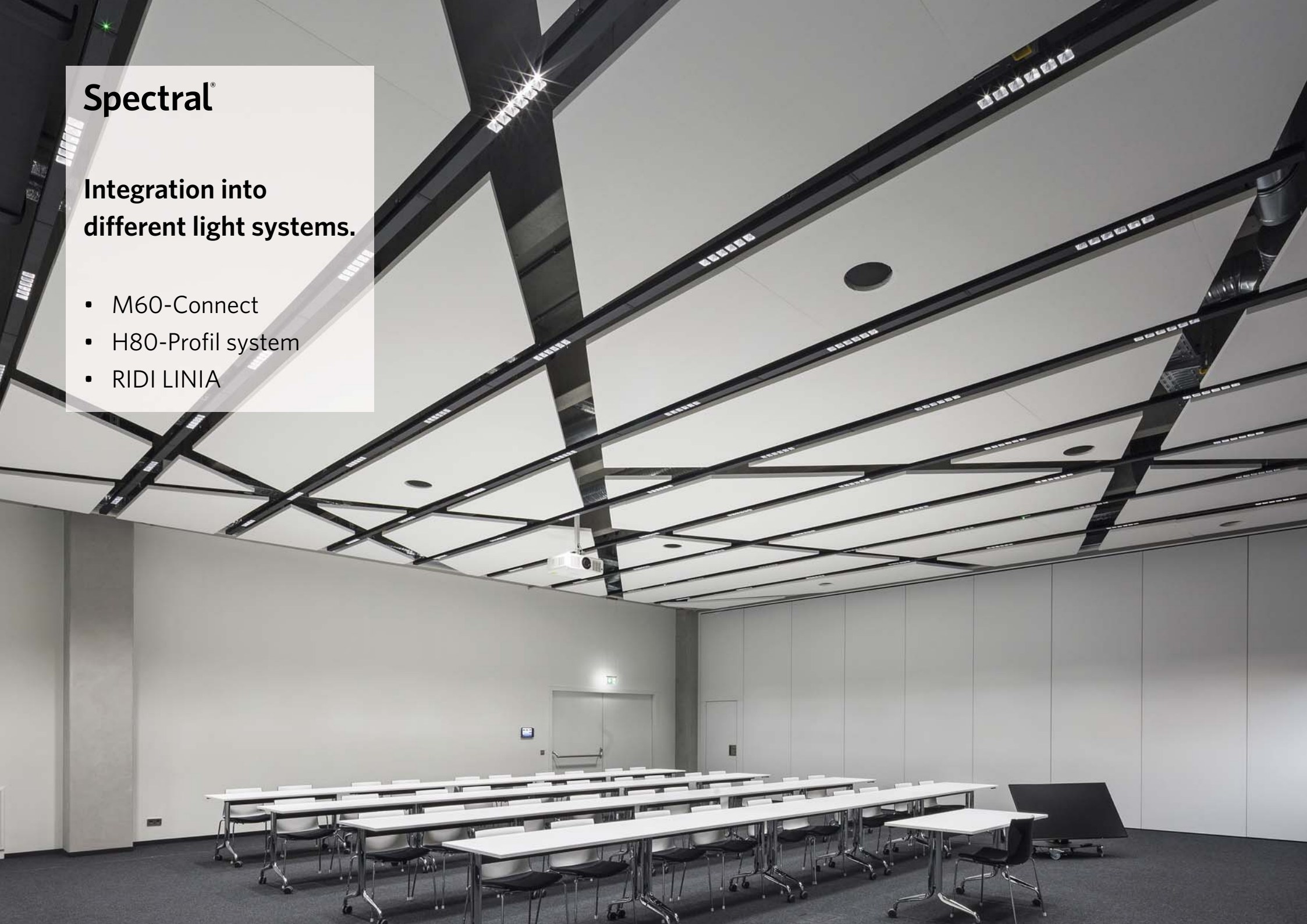
beam path TIR-lens

\*according to the UGR table procedure CIE 117-1995

# Spectral<sup>®</sup>

**Integration into  
different light systems.**

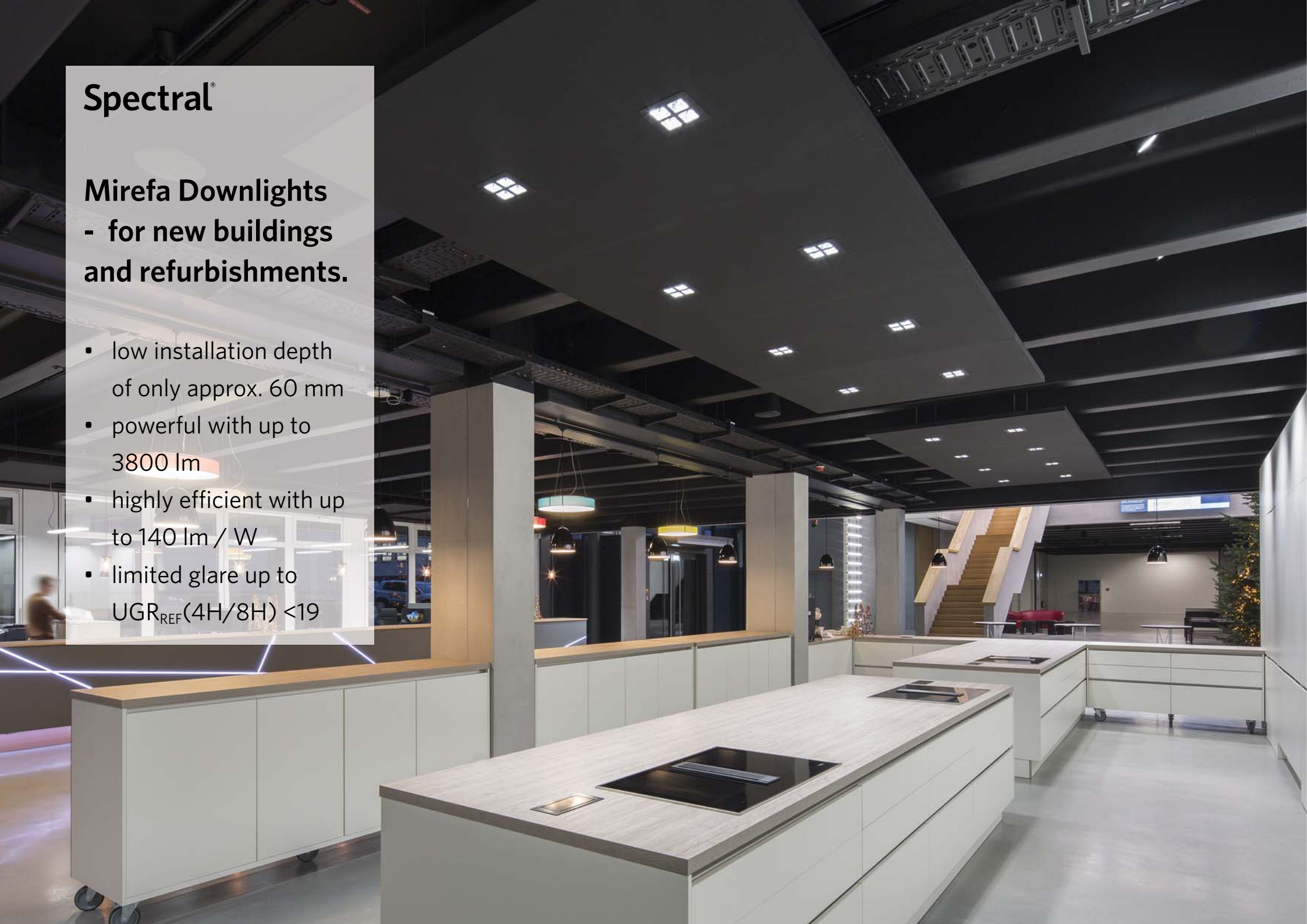
- M60-Connect
- H80-Profil system
- RIDI LINIA



# Spectral<sup>®</sup>

## Mirefa Downlights - for new buildings and refurbishments.

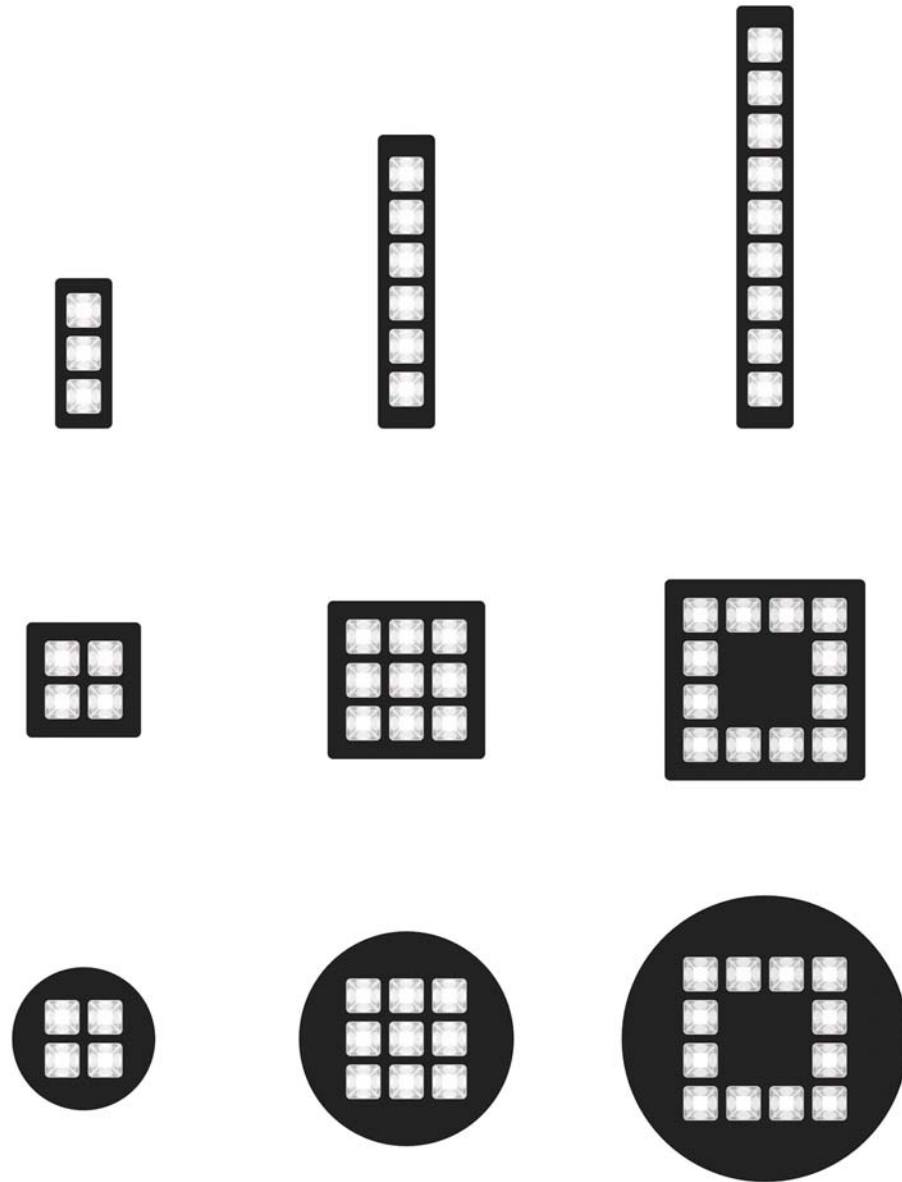
- low installation depth of only approx. 60 mm
- powerful with up to 3800 lm
- highly efficient with up to 140 lm / W
- limited glare up to  $UGR_{REF}(4H/8H) < 19$



# Spectral®

## Mirefa downlights - linear, square and round.

- Mirefa EDL 1x3
- Mirefa EDL 1x6
- Mirefa EDL 1x9
- Mirefa EDQ 2x2\*
- Mirefa EDQ 3x3\*
- Mirefa EDQ 4x3\*
- Mirefa EDR 2x2
- Mirefa EDR 3x3
- Mirefa EDR 4x3



\*also available as surface-mounted downlight ADQ

# Spectral<sup>®</sup>

**Mirefa project:  
concept for a  
shopping center.**

- M60-Connect trimless for direct general illumination



# Spectral<sup>®</sup>

## M60-Connect Trimless Profile.

- recessed luminaire with trim or
- trimless recessed luminaire for plastering (see illustration)
- narrow luminaire width

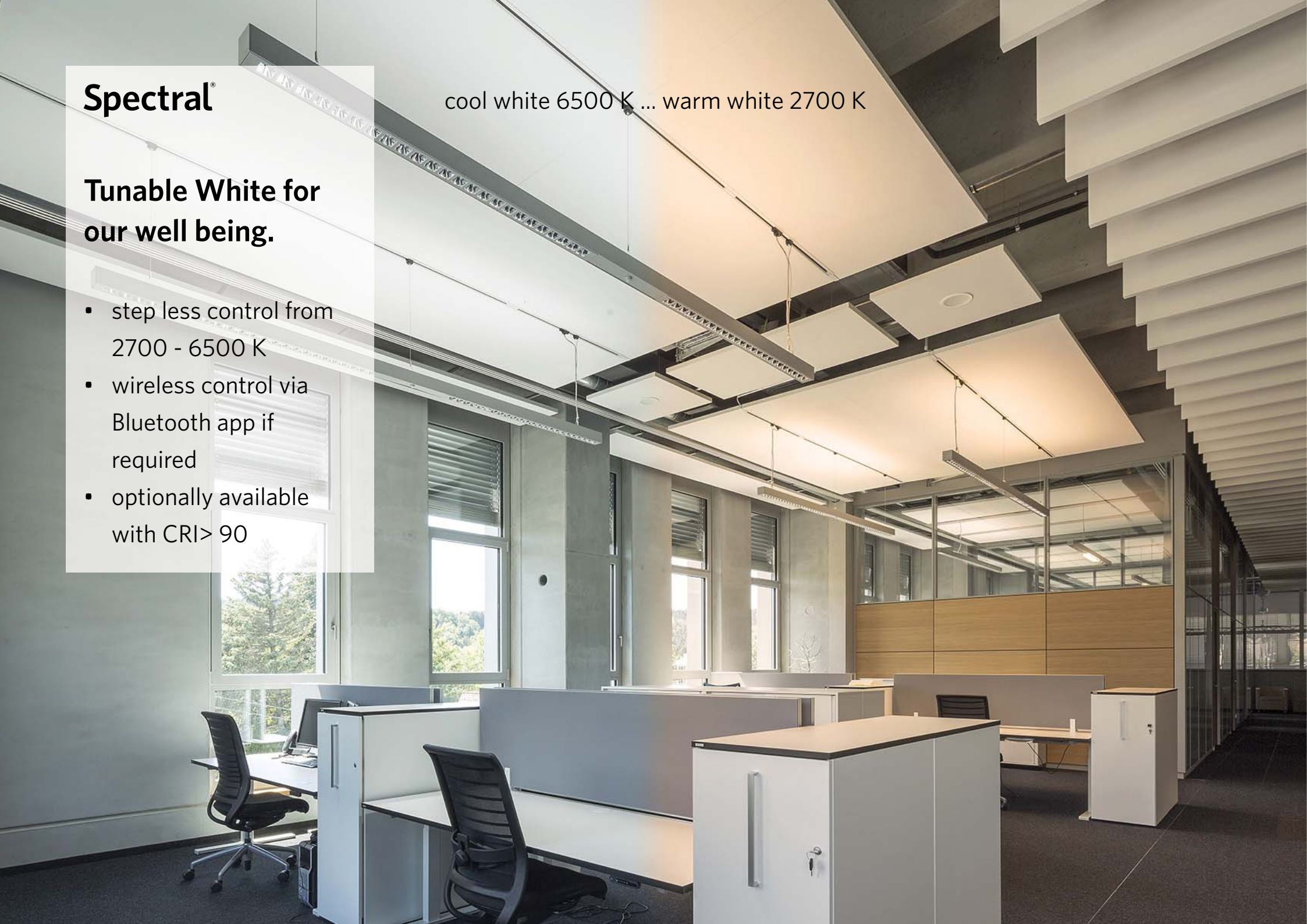


# Spectral<sup>®</sup>

cool white 6500 K ... warm white 2700 K

## Tunable White for our well being.

- step less control from 2700 - 6500 K
- wireless control via Bluetooth app if required
- optionally available with CRI > 90

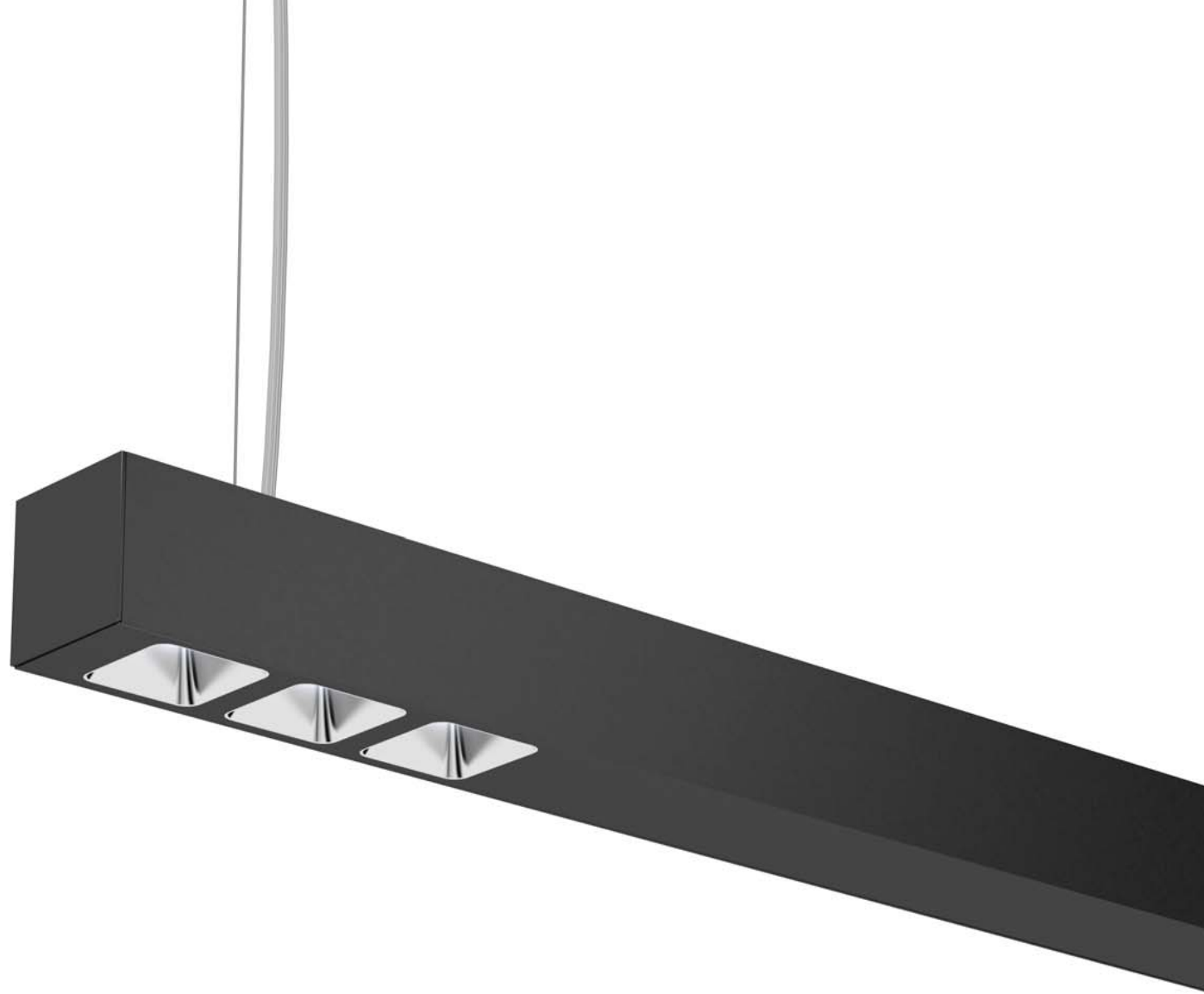




# Spectral®

## M60-Connect Profil as a workplace solution.

- M60-Connect pendant profile with two mirefa light modules
- compact cross-section (60x56 mm)
- continuous indirect component
- integrated Sensor option



# Spectral<sup>®</sup>

## Mirefa Purelab for increased protection.

- also available as for pendant mounting or
- recessed luminaire for plasterboard or metal ceiling grids
- up to 5500 lm with a length of 1198 mm and  $UGR_{REF}(4H/8H) < 19$



# Spectral<sup>®</sup>

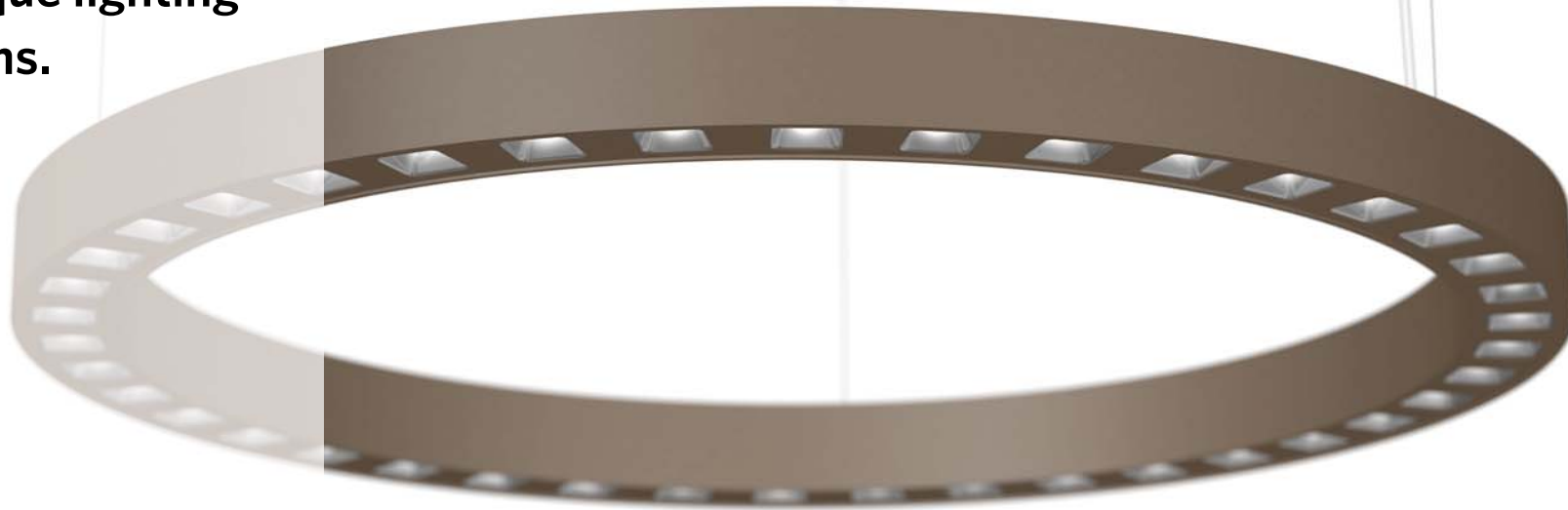
## IP64 and perfect glare control.

- surface-mounted luminaire with transparent housing made of UV-stabilized polycarbonate
- IP64
- adaptable to different ceiling systems
- available in white or black color scheme



# Spectral®

**Bend the rules -  
for unique lighting  
solutions.**



**Spectral. Eine Marke  
der RIDI GROUP.**

RIDI Leuchten GmbH  
Hauptstraße 31 - 33  
72417 Jungingen  
Tel.: + 49 7477 872 - 0  
Fax.: + 49 7477 872 - 48  
info@spectral-lighting.com  
www.spectral-lighting.com