



KATALYST

Spotlight for vertical surfaces

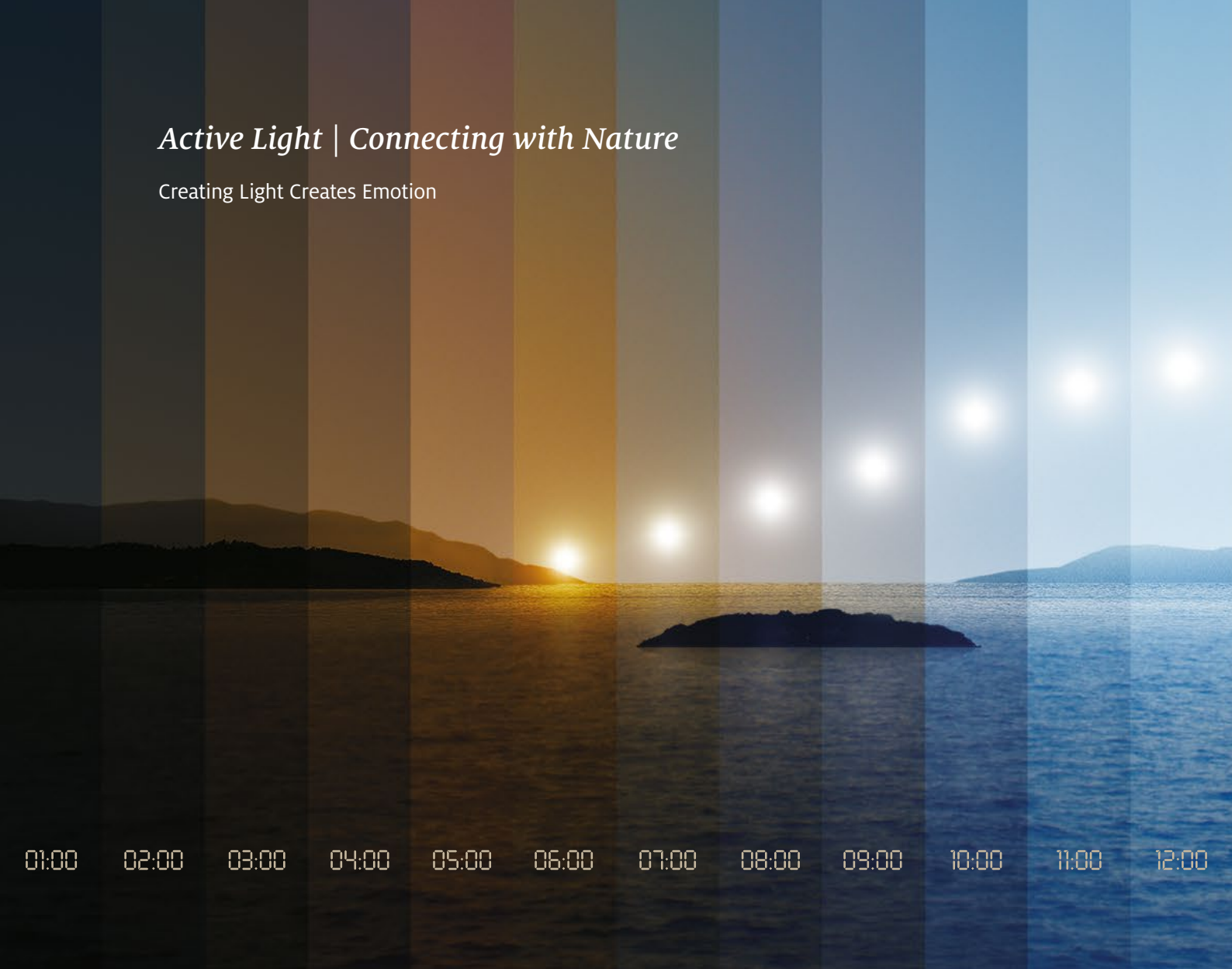
The flexible alternative to light lines.

[linked](#)

All order numbers in the PDF are linked to the Zumtobel online catalogue.

Active Light | Connecting with Nature

Creating Light Creates Emotion



It is human instinct to be unconsciously drawn to moving objects. That is why our Limbic[®] research has focused on the human senses and how these are affected by Active Light. The aim is to create a world of experiences linked to various types of personalities that activate our senses and guide our perception, drawing people to what stimulates them and crafting a lighting environment for every kind of individual.

See here how Active Light works:
zumtobel.com/activelight



Intensity

Carefully planned spatial and time-based differences in lighting levels help showcase both the space and the products. A structured hierarchy of perception directs our line of vision.



Direction

Specific changes in lighting direction and shadowing add a dramatic edge to the goods on display.



Colour

Regulating the light colour in line with the product and the interior architecture improves perception and underlines the impression of quality, which in turn strengthens the willingness to buy.



Time

Active Light adapts the lighting to meet the needs of the people. Expectations stemming from the daylight situation and the time of day are reflected in just the same way as the personality structure of the specific Limbic® customer types.



By illuminating shelves with even, vertical light, products and goods receive all the attention that each individual item deserves. KATALYST combines outstanding homogeneity with unique brilliance – as only directed light can. The alternative to the light line is therefore established.



Individual luminaires instead of light lines

Uniform illumination does not require a continuous light source. Thanks to KATALYST, individual luminaires arranged at 3,5-metre intervals are sufficient to homogeneously light up shelves with directed light and maximum brilliance.



Flexible height and width

KATALYST performs precision work by offering a perfect solution for all common mounting heights and aisle widths. The highest illuminance is at eye-level, which is usually around 1.6 metres.



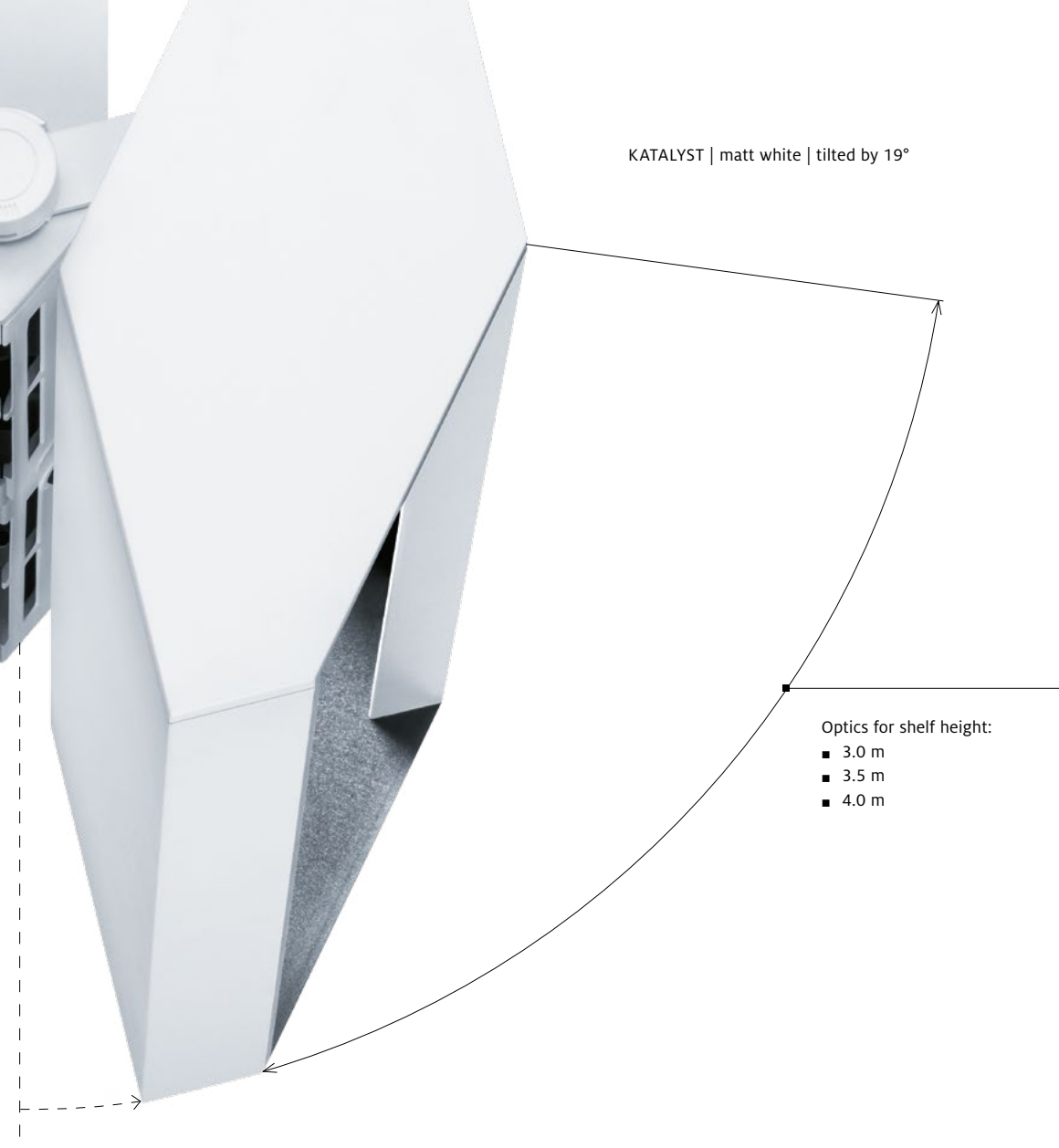
Combine with spotlights

Mounted in three phases or on TECTON tracks, it is possible to extend KATALYST general lighting with spotlights, which can be installed where and when required. The result is an attractive combination of brilliant general light and selective accents.



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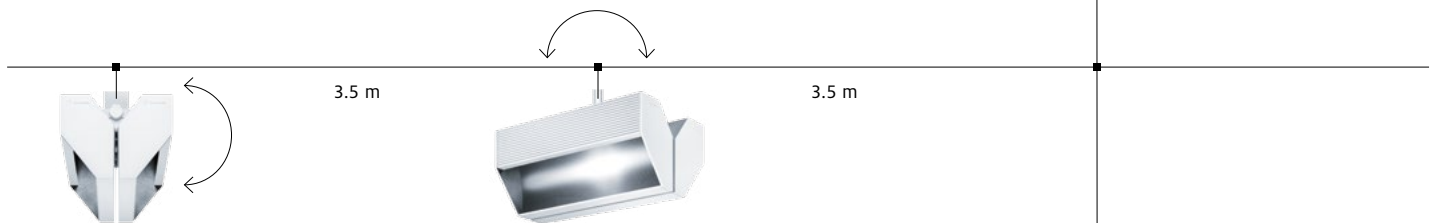
KATALYST | matt white | tilted by 19°



Optics for shelf height:

- 3.0 m
- 3.5 m
- 4.0 m

Tilt up to 19°



Tilt both ways

The luminaire unit, which can be tilted and adjusted using a scale, precisely guides the light to the desired position – regardless of the luminaire mounting height and the width of the aisle.

Luminaire rotation

The luminaires can be rotated by 360 degrees. This enables quick and easy adjustment to reflect the ever-changing layout of the shelves, lighting up vertical surfaces that are parallel and perpendicular to the track.

Select reflector

By selecting the appropriate reflector, the luminaire can be adapted to suit the shelf dimensions, installation height and aisle width of a customised sales area.

Shopping in a brilliant lighting atmosphere

KATALYST perfectly handles the diverse range of tasks that supermarket lighting has to fulfil. The individually selectable and adjustable components open up different ways of setting the scene for your product – enhanced by the option to additionally integrate spotlights. As the highest illuminance is at eye level, the attention of the customer instinctively goes in the desired direction. The hidden, highly-efficient LED provides bright light and excellent glare control, while the spotlight offers a series of advantages for vertical surfaces compared to traditional light lines.



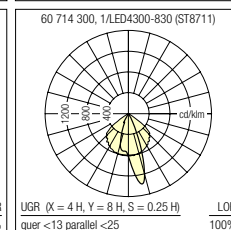
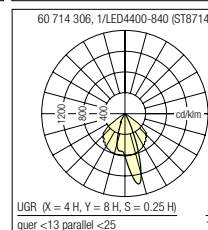
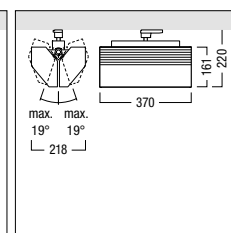
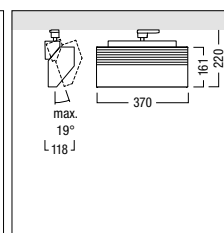
KATALYST

KATALYST LED



- LED spotlight "Essential stable-White" with stabilised colour temperature (warm white / neutral white)
- Optimised for the efficient homogeneous vertical illumination of sales shelving with unique brilliance in shops and showrooms
- Passive cooling due to innovative heat dissipation
- With converter integrated into the spotlight housing
- Spotlight can rotate through 360°, spotlight head can tilt through max. 19°
- Spotlight housing made from diecast aluminium/extruded profile
- Colour: white micro-textured paint
- Excellent glare reduction
- Flexible in height and width due to different reflectors – all common mounting heights and aisle widths are possible
- Reflector of ultra-pure aluminium, silver-colour anodised
- Service life: 50 000 h at 80 % luminous flux
- Colour temperature stableWhite: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering: $R_a > 80$
- Luminaire luminous flux: 4300–5000 lm (46 W)
- Luminaire luminous flux: 8600–10 000 lm (92 W)
- Luminaire efficiency: 93–109 lm/W
- Mains voltage: 220–240 V / 50/60 Hz
- Not suitable for point outlets

	kg	Order no.
3-phase LED spotlight (with universal adapter), mounting height 3.0 m		
1/LED4900-830	2,8	60 714 299
1/LED5000-840	2,8	60 714 305
2/LED4900-830	4,6	60 714 302
2/LED5000-840	4,6	60 714 308
3-phase LED spotlight (with universal adapter), mounting height 3.5 m		
1/LED4300-830	2,8	60 714 300
1/LED4400-840	2,8	60 714 306
2/LED4300-830	4,6	60 714 303
2/LED4400-840	4,6	60 714 309
3-phase LED spotlight (with universal adapter), mounting height 4.0 m		
1/LED4400-830	2,8	60 714 301
1/LED4500-840	2,8	60 714 307
2/LED4400-830	4,6	60 714 304
2/LED4500-840	4,6	60 714 310



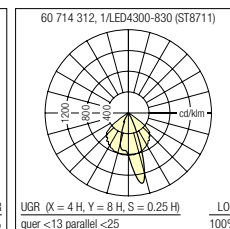
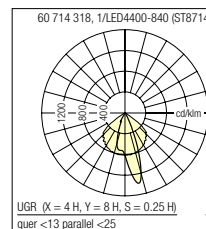
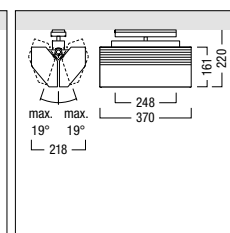
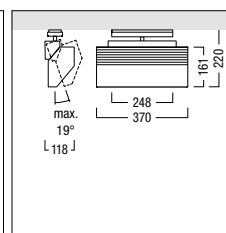
TECTON spotlight

KATALYST TEC-GP LED



- LED spotlight "Essential stable-White" with stabilised colour temperature (warm white / neutral white)
- Optimised for the efficient homogeneous vertical illumination of sales shelving with unique brilliance in shops and showrooms
- Passive cooling due to innovative heat dissipation
- With converter integrated into the spotlight housing
- Spotlight can rotate through 360°, spotlight head can tilt through max. 19°
- Spotlight housing made from diecast aluminium/extruded profile
- Colour: white micro-textured paint
- Excellent glare reduction
- Flexible in height and width due to different reflectors – all common mounting heights and aisle widths are possible
- Reflector of ultra-pure aluminium, silver-colour anodised
- Service life: 50 000 h at 80 % luminous flux
- Colour temperature stableWhite: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering: $R_a > 80$
- Luminaire luminous flux: 4300–5000 lm (46 W)
- Luminaire luminous flux: 8600–10 000 lm (92 W)
- Luminaire efficiency: 93–109 lm/W
- Mains voltage: 220–240 V / 50/60 Hz
- Trunking rail insert: length 248 mm
- Spotlight connected with the TECTON GP adapter (grand profile) to the trunking rail with CLIX- technology
- Spotlight cannot be fitted over incoming feeder, central feeder or outgoing feeder

	kg	Order no.
LED spotlight with CLIX technology (TECTON GP), mounting height 3.0 m		<i>electronic</i>
1/LED4900-830	3,2	60 714 311
1/LED5000-840	3,2	60 714 317
2/LED4900-830	5,0	60 714 314
2/LED5000-840	5,0	60 714 320
LED spotlight with CLIX technology (TECTON GP), mounting height 3.5 m		<i>electronic</i>
1/LED4300-830	3,2	60 714 312
1/LED4400-840	3,2	60 714 318
2/LED4300-830	5,0	60 714 315
2/LED4400-840	5,0	60 714 321
LED spotlight with CLIX technology (TECTON GP), mounting height 4.0 m		<i>electronic</i>
1/LED4400-830	3,2	60 714 313
1/LED4500-840	3,2	60 714 319
2/LED4400-830	5,0	60 714 316
2/LED4500-840	5,0	60 714 322



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zumtobel.com



Top quality – with a five-year guarantee.

As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.

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