



**ZUMTOBEL**

## **IYON**

### **LED spotlight range**

Maximum LED efficiency in a sophisticated design.



## IYON

Impressively efficient

The IYON LED spotlight range really shines when it comes to setting retail spaces centre stage: with its extremely good colour rendering and high luminous flux levels of 1000 to 1200 and 1700 to 3300 lumens, these high-power LED modules are a real alternative to HIT lamps. These innovative spotlights achieve excellent efficiencies as high as 55 to 77 lumens per watt. Their outstanding colour quality remains stable throughout the luminaire's entire service life. A variety of beam patterns ranging from spot to wide flood ensure precise, spot-on accent lighting.



### Swisscom Shop, Zurich / CH

Architect: instinct laboratory, Zurich / CH

Lighting solution: IYON M LED spotlight,  
modular CARDAN LED lighting system



swisscom





“The symbiosis of light direction and proportion as parameters of design affects people’s sensory perception and at the same time determines the physiological sensation of a room’s quality.”

The design aspects of IYON suggest constant movement and liveliness as an interpretation of infinite mutability. The fluid interaction between object and medium conveys sensuality and a high level of functionality. Variable lighting scenes and targeted spatial positioning go hand in hand with the way in which the light source continuously transforms itself. Velvet matt surfaces and a sophisticated design hint at the function-focused, individually controllable lighting technology incorporated in this highly versatile spotlight.



Design IYON | Delugan Meissl Industrial Design



[www.zumtobel.com/iyon](http://www.zumtobel.com/iyon)

## IYON

Maximum LED efficiency  
in a sophisticated design.

# 1

## IYON

### Excellent lighting quality

» See page 10 for details.

- Precise, uniform light distribution thanks to optimally tuned optical systems
- Perfectly matched, high-grade LED modules and lenses:

Tunable White: PiLED technology and patented mixing chamber lens

- » Adjustable colour temperature of 2700 K to 6500 K
- » Excellent colour rendering (Ra > 90), colour quality and colour stability, uniform light distribution

Advanced Stable White: red/white LED technology and patented mixing chamber lens

- » Stable colour temperature of 3000 K or 4000 K
- » Excellent colour rendering (Ra > 90), colour quality and colour stability, uniform light distribution

Essential Plus Stable White: phosphor array LED technology

- » Stable colour temperature of 3000 K or 4000 K
- » Very good colour rendering (Ra 90), high efficiency, high-output and pinpoint accent lighting

Essential Stable White: phosphor array LED technology

- » Stable colour temperature of 3000 K or 4000 K
- » Excellent efficiency and high-output, pinpoint accent lighting (Ra > 80)

- Aluminium-sputtered, high-precision polycarbonate reflectors for brilliant highlighting
- Gentle lighting – no IR or UV radiation

# 2

## IYON

### Excellent energy efficiency

» See page 14 for details.

- Impressively efficient: with a luminaire efficiency of 55 to 77 lumens per watt, IYON beats the most widely used conventional spotlight technologies
- High luminous flux levels of 1000 to 1200 and 1700 to 3300 lumens makes this unit an efficient alternative to high-pressure discharge lamps up to 70 W
- Dimmable 10–100 % with constant colour temperature
- **eco<sup>+</sup>**



### 3 IYON

#### Sustainable technology concept

» See page 16 for details.

- LED-optimised design for strictly passive cooling of high-power LED modules
- Dependable thanks to constant lighting quality throughout luminaire's entire service life
- Maintenance-free operation for shop/retail applications, with a service life up to 50,000 hours at 70 % luminous flux
- Future-proof concept: Zumtobel LED platform always ensures integration of the very latest LED modules
- 5-year guarantee

### 4 IYON

#### Extensive product range

» See page 18 for details.

- For all application areas and lighting requirements
- To suit specific room heights:  
two design sizes with different lumen packages
- To suit specific lighting tasks: Tunable White or Stable White, switchable or controllable using DALI or rotary control switch on adapter trackbox
- Matched to suit a particular object:  
Beam angles from spot (< 12°) to wide flood (> 39°)
- Installation in 3-phase tracks, as a semi-recessed solution in suspended ceilings, in the TECTON continuous-row lighting system or as a surface-mounted version



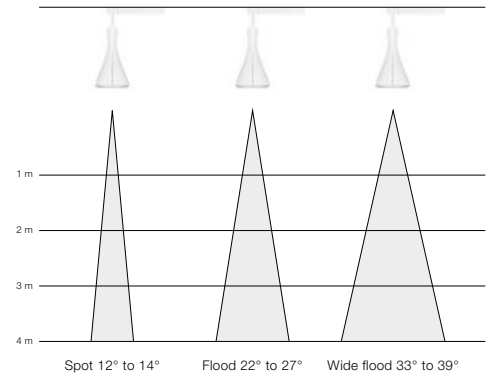


# IYON

## Excellent lighting quality

### Precise, uniform accent lighting

The unique optical systems of IYON spotlights make these LED luminaires the perfect choice for precise, uniform accent lighting. The patented mixing chamber lens directs the light of the Tunable White (three-channel PiLED technology) and Advanced Stable White (red/white LED technology) versions optimally onto the reflector, which in turn guarantees uniform light distribution with high-quality spectral distribution for warm colour temperatures and excellent colour rendering. In addition, extremely compact and efficient phosphor array LED light sources that are directed straight at the reflector of the Essential Plus Stable White and Essential Stable White spotlights also make it possible to realise extremely narrow beam patterns for pinpoint highlighting.



### Unique technical lighting systems

#### Advanced Stable White / Tunable White



- 1 | High-power LED module (three-channel PiLED and red/white LED technologies) for excellent quality of spectral distribution
- 2 | Patented mixing chamber lens for perfect uniformity
- 3 | Aluminium-sputtered high-precision reflector made of plastic for brilliance and precision

With their excellent colour rendering index Ra > 90, IYON Advanced Stable White and Tunable White are able to render virtually the complete light spectrum over the entire band.

#### Essential Plus Stable White



- 1 | High-power LED module (single-channel phosphor array LED technology) for very good colour rendering
- 2 | Aluminium-sputtered high-precision reflector made of plastic

#### Essential Stable White



- 1 | High-power LED module (single-channel phosphor array LED technology) for excellent efficiency
- 2 | Aluminium-sputtered high-precision reflector made of plastic

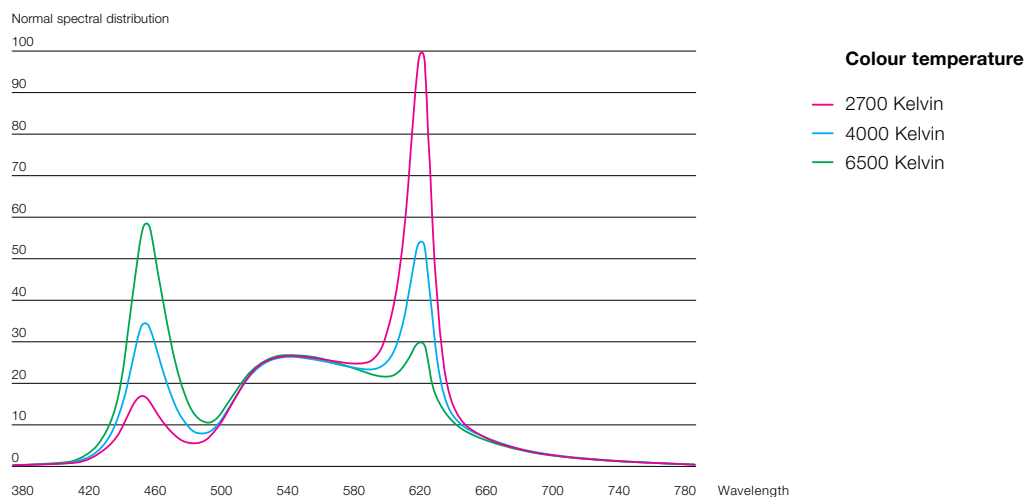
### High quality means authentic lighting

An advanced professional lighting solution provides for “non-manipulative, authentic” illumination of goods and brands. First-class colour rendering enhances any product’s brilliance, harmonising content and intention. The Advanced LED technology incorporated in IYON spotlights produces the right light even for fine textures and materials. Their red LEDs increase the wavelengths to achieve intensive warm colours. Blue LED fields are covered with a uniform red/green fluorescent layer in line with Essential Plus technology, ensuring perfect colour rendering quality.

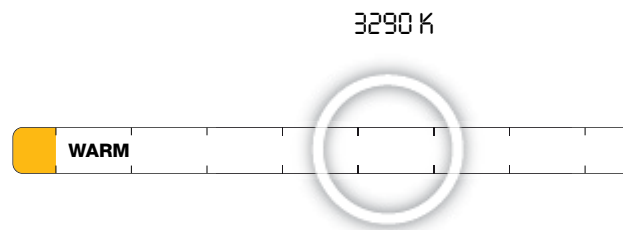


### Gentle lighting for delicate goods

The LED light spectrum contains virtually no radiation in the infrared and ultraviolet regions, which can damage or fade sensitive goods such as cosmetics or fabrics. This means that, besides excellent lighting quality, IYON also meets all the requirements for providing gentle lighting without having to use additional filters.



The proportion of wavelengths in the ultraviolet (below 380 nm) and infrared (above 780 nm) regions is always virtually zero for IYON, even with different colour temperatures.



**Light with sales-boosting effects** Colour temperatures in a continuous range from 2700 K to 6500 K provide plenty of design scope: to set the stage for lighting scenes, to match the lighting to the application in question, or to enhance the products' appearance and colourfulness. The unique PiLED technology used is characterised by particularly good colour rendering (Ra 90) over the entire range.



# IYON

## Excellent energy efficiency

### Powerful and efficient

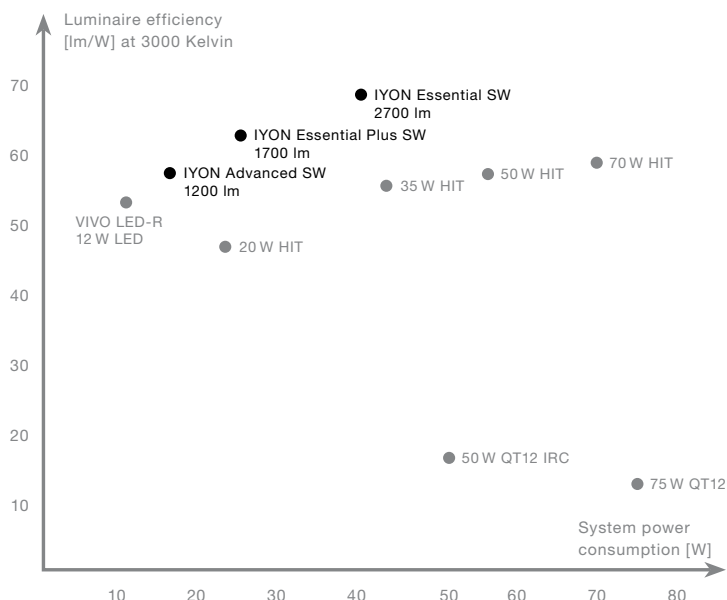
Designed to deliver optimum lighting in retail spaces, the IYON LED spotlight is available with several lumen packages as an efficient replacement for conventional spotlights that use high-pressure discharge lamps.

- Replacement for HIT up to 20 W or tungsten-halogen lamps up to 75 W:  
IYON LED spotlight with a luminaire luminous flux of 1000 to 1200 lumens
- Replacement for HIT up to 35 W or tungsten-halogen lamps up to 100 W:  
IYON LED spotlight with a luminaire luminous flux of 1700 to 2100 lumens
- Replacement for HIT up to 50 W:  
IYON LED spotlight with a luminaire luminous flux of 2300 to 2800 lumens
- Replacement for HIT up to 70 W:  
IYON LED spotlight with a luminaire luminous flux of 3000 to 3300 lumens

With a luminaire efficiency of 55 to 77 lumens per watt, IYON beats conventional HIT spotlight technology, even in direct comparisons. What is more: unlike conventional light sources, LED spotlights can be continuously dimmed from 10 to 100 % by using DALI. This provides the potential for an additional 30 % energy saving – at no cost to lighting quality because colour quality remains constant over the entire dimming range.

### Spotlights compared

Last revised: July 2011



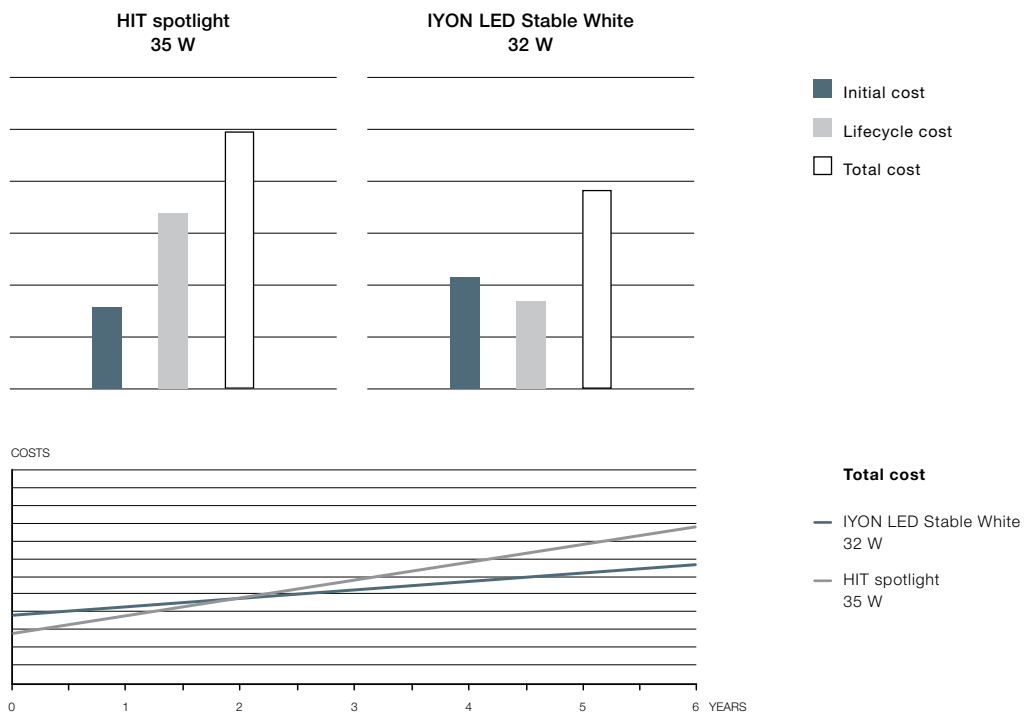
### Minus 20 percent



The new product label indicating a top rating in terms of criteria relevant to energy consumption. **eco+** is a holistic product label evaluating all system components involved and the lighting quality of a luminaire. **eco+** falls below the levels specified by existing energy directives by as much as 20 %.

For more information on **eco+**, please visit [www.zumtobel.com/eco](http://www.zumtobel.com/eco)

**Cost comparison: installation with a service life of 6 years**



- Example calculation based on the following assumptions: operating time 3600 hours per annum, HIT solution relamped twice in six years without taking into account further scope for savings by dimming LED spotlights
- Costs of energy and maintenance (lifecycle cost) are 50 % less than a conventional 35 W HIT solution
- The slightly higher initial cost therefore pays for itself after approximately 2 years

**Bottom line after six years**

**Saving energy by dimming**

At full power, IYON spotlights ensure powerful accent lighting and centre-stage settings in shop windows even at daytime. At night, low ambient brightness allows reduced dimming levels that enable the LED spotlights to save up to 30 % of energy while maintaining the same contrast effect.



# IYON

## Sustainable technology concept

### Target group-oriented technology concept

LED technology	Segment	Efficiency (lumens/W)	Colour quality (Ra)	Light output (lumens/CBCP)
1 PiLED with mixing chamber lens High-precision polycarbonate reflector Passive cooling	Tunable White	Standard	Excellent	Standard
2 Red/white with mixing chamber lens High-precision polycarbonate reflector Passive cooling	Advanced Stable White	Good	Excellent	Good
3 Phosphor array High-precision polycarbonate reflector Passive cooling	Essential Plus Stable White	Very good	Very good	Very good
4 Phosphor array High-precision polycarbonate reflector Passive cooling	Essential Stable White	Excellent	Standard	Excellent

### Highly efficient, passive cooling system

Active cooling systems were and often still are required in order to reliably cool extremely compact high-power LED units. The IYON spotlight is purpose-built for LED technology and allows strictly passive thermal management. The integral cooling fins of the die-cast aluminium housing dissipate heat without using any energy. This makes it possible to produce an attractive, compact spotlight design providing high lumen packages.

### Up to 50,000 hours at 70 % luminous flux

The IYON technology concept with its passive cooling system is maintenance-free throughout the luminaire's service life of up to 50,000 hours. The good thing about this is that colour quality remains at a constantly high level and luminous flux drops by no more than 30 %.



#### Top quality – with a five-year guarantee.

As a globally leading luminaire manufacturer, Zumtobel provides a five-year guarantee for its complete product range.

[zumtobel.com/guarantee](http://zumtobel.com/guarantee)



IYON M | 47 W | Advanced Stable White, Tunable White



### 1 Cooling

Very good thermal contact between the LED module and the luminaire housing with its integral heat sink ensures optimal heat dissipation. Strictly passive cooling provides a long service life up to 50,000 hours at 70 % luminous flux.

### 2 LED module

Compact, high-power LED modules deliver excellent colour rendering, colour stability and energy efficiency. Stable White and Tunable White versions with several power ratings offer just the right solution to meet an extremely wide variety of lighting requirements.

### 3 Reflector with lens

The patented mixing chamber lens directs light optimally onto the high-precision reflector and this in turn ensures uniform, efficient light distribution. Various beam patterns, from spot to wide flood, are available.

# IYON

Extensive product range



IYON M-SL Semi-recessed | 47 W | Advanced Stable White

## Creative design scope thanks to product diversity

IYON boasts a unique, timeless design teamed with impressive technical performance: lumen packages of up to 3300 lumens and exceptional lighting quality make IYON the convincing LED alternative for conventional lighting technology in shops and showrooms. An extensive product range that includes three power ratings, Stable White and Tunable White versions, reflectors with various beam angles, accessories and different installation options offers the ideal solution for every lighting situation.

Power ratings \_\_\_\_\_

Colour temperatures  
and colour rendering \_\_\_\_\_

Controls \_\_\_\_\_

Beam patterns \_\_\_\_\_

Colours \_\_\_\_\_

Installation  
options \_\_\_\_\_

**IYON S**

**IYON M**

 <p>IYON S                      IYON S-SL</p>	 <p>IYON M                      IYON M-SL</p>
<p>Advanced Stable White (3000 K): 20 W / 1200 lumens Essential Stable White (3000 K): 17 W / 1000 lumens</p>	<p>Advanced Stable White (3000 K): 32 W / 2000 lumens, 47 W / 2600 lumens Essential Plus Stable White (3000 K): 27 W / 1700 lumens, 40 W / 2300 lumens, 55 W / 3000 lumens Essential Stable White (3000 K): 27 W / 2000 lumens, 40 W / 2700 lumens, 55 W / 3300 lumens</p> <p>Tunable White: 35 W / ~1500 lumensn</p>
<p>Advanced Stable White: 3000 K (Ra &gt; 90) 4000 K (Ra 90)</p> <p>Essential Stable White: 3000 K (Ra &gt; 80) 4000 K (Ra &gt; 80)</p>	<p>Advanced Stable White/Essential Plus Stable White: 3000 K (Ra &gt; 90) 4000 K (Ra 90)</p> <p>Essential Stable White: 3000 K (Ra &gt; 80) 4000 K (Ra &gt; 80)</p> <p>Tunable White: 2700 K to 6500 K (Ra 90)</p>
<p>Advanced Stable White: Switchable   DALI dimmable</p> <p>Essential Stable White: Switchable</p>	<p>Advanced Stable White: Switchable   DALI dimmable</p> <p>Essential Plus Stable White / Essential Stable White: Switchable</p> <p>Tunable White: DALI controllable   Rotary control switch on adapter track box</p>
<p>Advanced Stable White 1200 lumens (3000 K): Spot 15°   Flood 27°</p> <p>Essential Stable White 1000 lumens (3000 K): Spot 15°   Flood 25°</p>	<p>Advanced Stable White 2000 to 2600 lumens (3000 K): Spot 14°   Flood 22° to 27°   Wideflood 33° to 39°</p> <p>Essential Plus Stable White 1700 to 3000 lumens (3000 K): Spot 12°   Flood 24°   Wideflood 37°</p> <p>Essential Stable White 2000 to 3300 lumens (3000 K): Spot 12°   Flood 24°   Wideflood 37°</p> <p>Tunable White: Spot, Flood, Wideflood</p>
<p>Matt black Matt white</p>	<p>Matt black Matt white</p>
<p>3-phase track L3+DALI track Semi-recessed in ceiling</p>	<p>3-phase track L3+DALI track Semi-recessed in ceiling</p>

## IYON

Light that makes people curious

IYON spotlights bring pinpoint lighting accents to retail spaces. This combination of wide-area light and diffuse light creates an exciting contrast. With a stable warm white colour temperature of 3000 K and excellent colour rendering ( $Ra > 90$ ), the LED spotlights accentuate the various colours and materials in a room, setting them off in a refreshingly authentic and natural manner. Another convincing feature is the efficiency of the IYON range. Various lumen packages and a long service life help reduce energy and maintenance requirements.



### Vockeroth fashion store, Nordhausen / DE

Electrical consultants: Electronic ELT GmbH, Nordhausen  
Lighting solution: IYON M-SL LED spotlights, CARDAN LED modular lighting system, PANOS INFINITY downlight system, ONDARIA circular luminaires, ONLITE RESCLITE and ONLITE COMSIGN emergency lighting



# IYON LED

## Spots



**IYON S LED**  
Advanced, Essential+, Essential



**IYON-SL S LED**  
Advanced, Essential+, Essential



**IYON M LED**  
Advanced, Essential+, Essential



**IYON-SL M LED**  
Advanced, Essential+, Essential

	IYON S LED	IYON-SL S LED	IYON M LED	IYON-SL M LED
<b>Distribution characteristics</b>				
▣ Spot	•	•	•	•
▣ Flood	•	•	•	•
▣ Wideflood			•	•
<b>Colour</b>				
White matt	•	•	•	•
Black matt	•	•	•	•
<b>Installation</b>				
Semi-recessed		•		•
3-phase track	•		•	
L3 + DALI track	•		•	
<b>Recessed depth</b>				
100 mm		•		•
<b>Luminaire diameter</b>				
Ø 100 mm	•	•		
Ø 120 mm			•	•
<b>Advanced Stable White</b>				
20 W (3000 K, 4000 K, Ra > 90) 1000–1100 lm	•	•		
32 W (3000 K, 4000 K, Ra > 90) 1700–1800 lm			•	•
47 W (3000 K, 4000 K, Ra > 90) 2600–2700 lm			•	•
<b>Essential+ Stable White</b>				
17 W (3000 K, 4000 K, Ra 90) 900–1000 lm	•	•		
27 W (3000 K, 4000 K, Ra 90) 1700–1800 lm			•	•
40 W (3000 K, 4000 K, Ra 90) 2300–2400 lm			•	•
55 W (3000 K, 4000 K, Ra 90) 2700–2900 lm			•	•
<b>Essential Stable White</b>				
17 W (3000 K, 4000 K, Ra > 80) 1000–1100 lm	•	•		
27 W (3000 K, 4000 K, Ra > 80) 2000–2100 lm			•	•
40 W (3000 K, 4000 K, Ra > 80) 2700–2800 lm			•	•
55 W (3000 K, 4000 K, Ra > 80) 3000–3400 lm			•	•
<b>Accessories</b>				
Anti-glare ring	•	•	•	•
Oval outline lens 50°	•	•	•	•
Honeycomb mesh	•	•	•	•
Interchangeable Spot reflector	•	•	•	•
Interchangeable Flood reflector	•	•	•	•
Interchangeable Wideflood reflector			•	•

## IYON S

|...| Shared properties IYON S

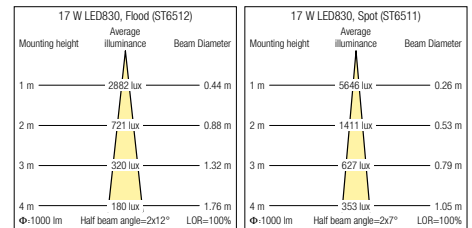
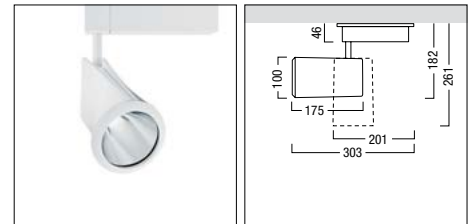
- Passive cooling achieved by innovative thermal design
- Includes converter in separate polycarbonate Zumtobel Trackbox adapter
- Housing made of die-cast aluminium
- Colour: matt black or matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Highly reflective specular reflector made of aluminized polycarbonate, iridescence-free
- Service life: 50,000 h at 70 % luminous flux
- Mains voltage: 220–240 V / 50/60 Hz
- May be installed on wall
- Not suitable for point outlets

### IYON S LED (Essential Stable White)



- |...|
- „Essential Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- „Stable White“ colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminous flux: 1000–1100 lm
- Luminaire efficiency: 59–65 lm/W

	kg	Order no.	Order no.
3-phase LED spotlight, flood (with universal adapter)		<i>white</i>	<i>black</i>
17 W LED830 flood	1,1	60 711 977	60 711 978
17 W LED840 flood	1,1	60 711 981	60 711 982
3-phase LED spotlight, spot (with universal adapter)		<i>white</i>	<i>black</i>
17 W LED830 spot	1,1	60 711 975	60 711 976
17 W LED840 spot	1,1	60 711 979	60 711 980
Accessory			
50° oval-outline lens			60 700 270
Black anti-glare ring			60 700 259
Honeycomb louvre, black			60 700 272
Interchangeable reflector flood			60 700 275
Interchangeable reflector spot			60 700 274
Interchangeable reflector wideflood			60 700 278



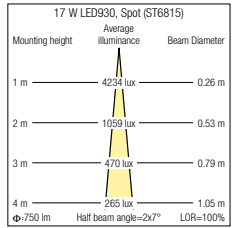
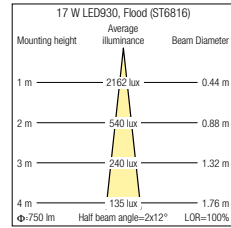
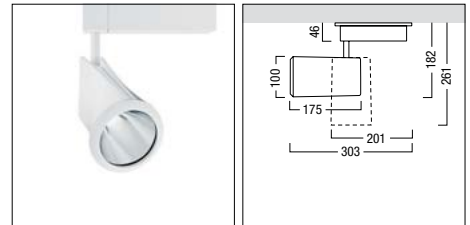


IYON S LED (Essential+ Stable White)



- [...]
  - LED spotlight „Essential+ Stable White“ with stabilised colour temperature (warm white / neutral white)
  - Optimised for efficient accent lighting in shops and showrooms
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Luminaire luminous flux: 750–900 lm
  - Luminaire efficiency: 44–53 lm/W
  - Dimmable Dali version: illuminance level has 5–100 % dimming adjustment
  - Please note: L3+DALI model is only suitable for use with Zumtobel 3-phase/L3+DALI track

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>			
17 W LED930 flood	1,1	60 712 393	60 712 394
17 W LED940 flood	1,1	60 712 397	60 712 398
<b>3-phase LED spotlight, spot (with universal adapter)</b>			
17 W LED930 spot	1,1	60 712 391	60 712 392
17 W LED940 spot	1,1	60 712 395	60 712 396
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>			
17 W LED930 flood, dimmable Dali only <i>eco*</i>	1,1	60 712 401	60 712 402
17 W LED940 flood, dimmable Dali only <i>eco*</i>	1,1	60 712 405	60 712 406
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>			
17 W LED930 spot, dimmable Dali only <i>eco*</i>	1,1	60 712 399	60 712 400
17 W LED940 spot, dimmable Dali only <i>eco*</i>	1,1	60 712 403	60 712 404
<b>Accessory</b>			
50° oval-outline lens			60 700 270
Black anti-glare ring			60 700 259
Honeycomb louvre, black			60 700 272
Interchangeable reflector flood			60 700 275
Interchangeable reflector spot			60 700 274
Interchangeable reflector wideflood			60 700 278



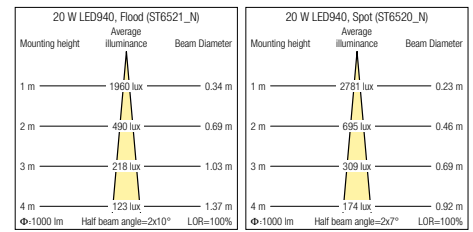
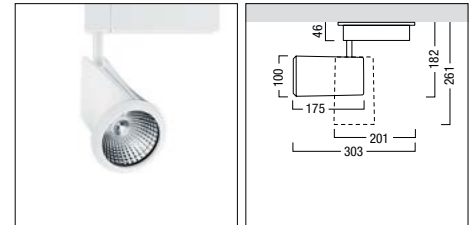
# IYON S

## IYON S LED (Advanced Stable White)



- [...]
  - „Advanced Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
  - Optimised for efficient and high-quality accent lighting in shops and showrooms thanks to excellent colour rendering
  - Patented reflector-lens system delivers a precise beam pattern whether spot or flood
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Colour stability MacAdam 3
  - Luminaire luminous flux: 1000 lm
  - Luminaire efficiency: 50 lm/W
  - Dimmable Dali version: illuminance level has 5–100 % dimming adjustment
  - Please note: DALI model is only suitable for use with Zumtobel 3-phase/L3+DALI track

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>		<i>white</i>	<i>black</i>
20 W LED930 flood	1,1	60 712 463	60 712 464
20 W LED940 flood	1,1	60 712 467	60 712 468
<b>3-phase LED spotlight, spot (with universal adapter)</b>		<i>white</i>	<i>black</i>
20 W LED930 spot	1,1	60 712 461	60 712 462
20 W LED940 spot	1,1	60 712 465	60 712 466
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>		<i>white</i>	<i>black</i>
20 W LED930 flood, dimmable Dali only <i>eco*</i>	1,1	60 712 471	60 712 472
20 W LED940 flood, dimmable Dali only <i>eco*</i>	1,1	60 712 475	60 712 476
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>		<i>white</i>	<i>black</i>
20 W LED930 spot, dimmable Dali only <i>eco*</i>	1,1	60 712 469	60 712 470
20 W LED940 spot, dimmable Dali only <i>eco*</i>	1,1	60 712 473	60 712 474
<b>Accessory</b>			
50° oval-outline lens			60 700 270
Black anti-glare ring			60 700 259
Honeycomb louvre, black			60 700 272
Interchangeable reflector flood			60 700 318
Interchangeable reflector spot			60 700 319



[...] Shared properties IYON M

- Passive cooling achieved by innovative thermal design
- Includes converter in separate polycarbonate Zumtobel Trackbox adapter
- Housing made of die-cast aluminium
- Colour: matt black or matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Highly reflective specular reflector made of aluminized polycarbonate, iridescence-free
- Service life: 50,000 h at 70 % luminous flux
- Mains voltage: 220–240 V / 50/60 Hz
- Can be mounted horizontally on wall
- Not suitable for point outlets

**IYON M LED (Essential Stable White)**

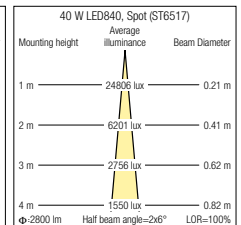
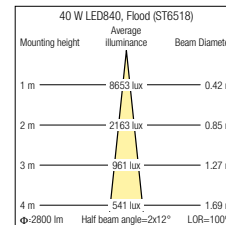
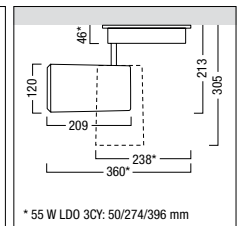


- [...]
- „Essential Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- „Stable White“ colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminaire luminous flux: 2000-2100 lm (27W), 2700-2800 lm (40W), 3000-3300 lm (55 W)
- Luminaire efficiency: 74–78 lm/W (27 W), 67–70 lm/W (40 W), 54–60 lm/W (55 W)

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED830 flood	1,4	60 711 987	60 711 988
27 W LED830 wideflood	1,4	60 712 408	60 712 407
27 W LED840 flood	1,4	60 711 993	60 711 994
27 W LED840 wideflood	1,4	60 712 410	60 712 409
40 W LED830 flood	1,4	60 711 995	60 711 996
40 W LED830 wideflood	1,4	60 711 997	60 711 998
40 W LED840 flood	1,4	60 711 999	60 712 000
40 W LED840 wideflood	1,4	60 712 001	60 712 002
55 W LED830 flood	1,4	60 712 566	60 712 567
55 W LED830 wideflood	1,4	60 712 568	60 712 569
55 W LED840 flood	1,4	60 712 572	60 712 573
55 W LED840 wideflood	1,4	60 712 574	60 712 575
<b>3-phase LED spotlight, spot (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED830 spot	1,4	60 711 985	60 711 986
27 W LED840 spot	1,4	60 711 991	60 711 992
40 W LED830 spot	1,4	60 712 125	60 712 126
40 W LED840 spot	1,4	60 712 127	60 712 128
55 W LED830 spot	1,4	60 712 564	60 712 565
55 W LED840 spot	1,4	60 712 570	60 712 571

Accessory

50° oval-outline lens	60 700 271
Black anti-glare ring	60 700 260
Honeycomb louvre, black	60 700 273
Interchangeable reflector flood	60 700 277
Interchangeable reflector spot	60 700 276
Interchangeable reflector wideflood	60 700 280



IYON M LED (Essential+ Stable White)



- [...]
  - LED spotlight „Essential+ Stable White“ with stabilised colour temperature (warm white / neutral white)
  - Optimised for efficient accent lighting in shops and showrooms
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Luminaire luminous flux: 1700-1800 lm (27 W), 2300-2400 lm (40 W), 2700-2900 lm (55 W)
  - Luminaire efficiency: 63-67 lm/W (27W), 58-60 lm/W (40W), 49-53 lm/W (55 W)
  - Dimmable Dali version: illuminance level has 5–100 % dimming adjustment
  - Please note: L3+DALI model is only suitable for use with Zumtobel 3-phase/L3+DALI track

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 flood <i>eco+</i>	1,4	60 712 196	60 712 197
27 W LED930 wideflood <i>eco+</i>	1,4	60 712 198	60 712 199
27 W LED940 flood <i>eco+</i>	1,4	60 712 202	60 712 203
27 W LED940 wideflood <i>eco+</i>	1,4	60 712 204	60 712 205
40 W LED930 flood <i>eco+</i>	1,4	60 712 208	60 712 209
40 W LED930 wideflood <i>eco+</i>	1,4	60 712 210	60 712 211
40 W LED940 flood <i>eco+</i>	1,4	60 712 214	60 712 215
40 W LED940 wideflood <i>eco+</i>	1,4	60 712 216	60 712 217
55 W LED930 flood	1,4	60 712 345	60 712 346
55 W LED930 wideflood	1,4	60 712 347	60 712 348
55 W LED940 flood	1,4	60 712 351	60 712 352
55 W LED940 wideflood	1,4	60 712 353	60 712 354

	kg	Order no.	Order no.
<b>3-phase LED spotlight, spot (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 spot <i>eco+</i>	1,4	60 711 756	60 711 757
27 W LED940 spot <i>eco+</i>	1,4	60 711 764	60 711 765
40 W LED930 spot <i>eco+</i>	1,4	60 712 077	60 712 078
40 W LED940 spot <i>eco+</i>	1,4	60 712 079	60 712 080
55 W LED930 spot	1,4	60 712 343	60 712 344
55 W LED940 spot	1,4	60 712 349	60 712 350

	kg	Order no.	Order no.
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 flood, dimmable Dali only <i>eco+</i>	1,4	60 712 266	60 712 267
27 W LED930 wideflood, Dali dimmable only <i>eco+</i>	1,4	60 712 268	60 712 269
27 W LED940 flood, dimmable Dali only <i>eco+</i>	1,4	60 712 270	60 712 271
27 W LED940 wideflood, Dali dimmable only <i>eco+</i>	1,4	60 712 272	60 712 273
40 W LED930 flood, dimmable Dali only <i>eco+</i>	1,4	60 712 274	60 712 275
40 W LED930 wideflood, Dali dimmable only <i>eco+</i>	1,4	60 712 276	60 712 277
40 W LED940 flood, dimmable Dali only <i>eco+</i>	1,4	60 712 278	60 712 279
40 W LED940 wideflood, Dali dimmable only <i>eco+</i>	1,4	60 712 280	60 712 281
55 W LED930 flood, dimmable Dali only <i>eco+</i>	1,4	60 712 357	60 712 358
55 W LED930 wideflood, dimmable Dali only <i>eco+</i>	1,4	60 712 359	60 712 360
55 W LED940 flood, dimmable Dali only <i>eco+</i>	1,4	60 712 363	60 712 364
55 W LED940 wideflood, dimmable Dali only <i>eco+</i>	1,4	60 712 365	60 712 366

	kg	Order no.	Order no.
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 spot, dimmable Dali only <i>eco+</i>	1,4	60 711 780	60 711 781
27 W LED940 spot, dimmable Dali only <i>eco+</i>	1,4	60 711 788	60 711 789
40 W LED930 spot, dimmable Dali only <i>eco+</i>	1,4	60 712 081	60 712 082
40 W LED940 spot, dimmable Dali only <i>eco+</i>	1,4	60 712 083	60 712 084
55 W LED930 spot, dimmable Dali only <i>eco+</i>	1,4	60 712 355	60 712 356
55 W LED940 spot, dimmable Dali only <i>eco+</i>	1,4	60 712 361	60 712 362

	kg	Order no.
<b>LED spotlight, flood (with surface-mount fittings)</b>		
		<i>white</i>
40 W LED930 flood, dimmable Dali only <i>eco+</i>	1,6	60 814 059
40 W LED930 wideflood, dimmable Dali only <i>eco+</i>	1,6	60 814 060
40 W LED940 flood, dimmable Dali only <i>eco+</i>	1,6	60 814 062
40 W LED940 wideflood, dimmable Dali only <i>eco+</i>	1,6	60 814 063

	kg	Order no.
<b>LED spotlight, spot (with surface-mount fittings)</b>		
		<i>white</i>
40 W LED930 spot, dimmable Dali only <i>eco+</i>	1,6	60 814 058
40 W LED940 spot, dimmable Dali only <i>eco+</i>	1,6	60 814 061

Accessory		
50° oval-outline lens		60 700 271
Black anti-glare ring		60 700 260
Honeycomb louvre, black		60 700 273
Interchangeable reflector flood		60 700 277
Interchangeable reflector spot		60 700 276
Interchangeable reflector wideflood		60 700 280



Mounting height	Average illuminance	Beam Diameter
<b>40 W LED930, Flood (ST6554)</b>		
1 m	6733 lux	0.44 m
2 m	1683 lux	0.87 m
3 m	748 lux	1.31 m
4 m	421 lux	1.74 m
Φ=2300 lm Half beam angle=2x12° LOR=100%		
<b>40 W LED930, Spot (ST6553)</b>		
1 m	19722 lux	0.21 m
2 m	4930 lux	0.42 m
3 m	2191 lux	0.63 m
4 m	1233 lux	0.84 m
Φ=2300 lm Half beam angle=2x6° LOR=100%		

IYON M LED (Advanced Stable White)

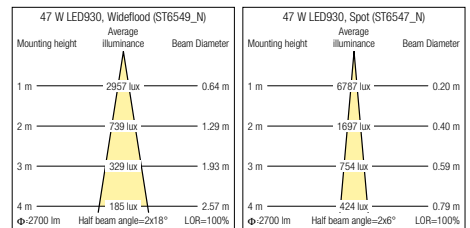
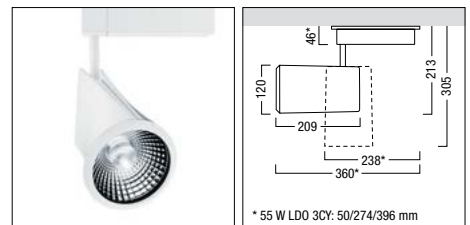


- [...]
  - „Advanced Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
  - Optimised for efficient and high-quality accent lighting in shops and showrooms thanks to excellent colour rendering
  - Patented reflector-lens system delivers a precise beam pattern from spot to wideflood
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Colour stability MacAdam 3
  - Luminaire luminous flux: 1700 lm (32 W), 2600–2700 lm (47 W)
  - Luminaire efficiency: 53 lm/W (32 W), 55–57 lm/W (47 W)
  - Dimmable Dali version: illuminance level has 5–100 % dimming adjustment
  - Please note: L3+DALI model is only suitable for use with Zumtobel 3-phase/L3+DALI track

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
32 W LED930 flood	1,4	60 712 479	60 712 480
32 W LED930 wideflood	1,4	60 712 481	60 712 482
32 W LED940 flood	1,4	60 712 485	60 712 486
32 W LED940 wideflood	1,4	60 712 487	60 712 488
47 W LED930 flood <i>eco*</i>	1,4	60 712 511	60 712 512
47 W LED930 wideflood <i>eco*</i>	1,4	60 712 513	60 712 514
47 W LED940 flood <i>eco*</i>	1,4	60 712 517	60 712 518
47 W LED940 wideflood <i>eco*</i>	1,4	60 712 519	60 712 520
<b>3-phase LED spotlight, spot (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
32 W LED930 spot	1,4	60 712 477	60 712 478
32 W LED940 spot	1,4	60 712 483	60 712 484
47 W LED930 spot <i>eco*</i>	1,4	60 712 509	60 712 510
47 W LED940 spot <i>eco*</i>	1,4	60 712 515	60 712 516
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>			
		<i>white</i>	<i>black</i>
32 W LED930 flood, dimmable Dali only <i>eco*</i>	1,4	60 712 491	60 712 492
32 W LED930 wideflood, dimmable Dali only <i>eco*</i>	1,4	60 712 493	60 712 494
32 W LED940 flood, dimmable Dali only <i>eco*</i>	1,4	60 712 497	60 712 498
32 W LED940 wideflood, dimmable Dali only <i>eco*</i>	1,4	60 712 499	60 712 500
47 W LED930 flood, dimmable Dali only <i>eco*</i>	1,4	60 712 523	60 712 524
47 W LED930 wideflood, dimmable Dali only <i>eco*</i>	1,4	60 712 525	60 712 526
47 W LED940 flood, dimmable Dali only <i>eco*</i>	1,4	60 712 529	60 712 530
47 W LED940 wideflood, dimmable Dali only <i>eco*</i>	1,4	60 712 531	60 712 532
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>			
		<i>white</i>	<i>black</i>
32 W LED930 spot, dimmable Dali only <i>eco*</i>	1,4	60 712 489	60 712 490
32 W LED940 spot, dimmable Dali only <i>eco*</i>	1,4	60 712 495	60 712 496
47 W LED930 spot, dimmable Dali only <i>eco*</i>	1,4	60 712 521	60 712 522
47 W LED940 spot, dimmable Dali only <i>eco*</i>	1,4	60 712 527	60 712 528

Accessory

50° oval-outline lens	60 700 271
Black anti-glare ring	60 700 260
Honeycomb louvre, black	60 700 273
Interchangeable reflector flood	60 700 321
Interchangeable reflector spot	60 700 320
Interchangeable reflector spot (47 W)	60 700 324
Interchangeable reflector wideflood	60 700 322
Interchangeable reflector wideflood (47 W)	60 700 323
Interchangeable reflector wideflood (47 W)	60 700 325



## IYON-SL S

|...| Shared properties IYON-SL S

- Passive cooling achieved by innovative thermal design
- Complete assembly comprising spotlight and ballast unit
- Die-cast aluminium recessed housing with circular mounting surround, matt white
- Die-cast aluminium spotlight housing
- Colour: matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Highly reflective specular reflector made of aluminized polycarbonate, iridescence-free
- Service life: 50,000 h at 70 % luminous flux
- Mains voltage: 220–240 V / 50/60 Hz
- Installation: by means of concealed screw-fixing, ceiling thickness 1-25 mm

### IYON-SL S D150 LED (Essential Stable White)



- |...|
- „Essential Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Includes ballast as separate unit
- „Stable White“ colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminous flux: 1000–1100 lm
- Luminaire efficiency: 59–65 lm/W

#### Recessed spotlight, flood, tilt action

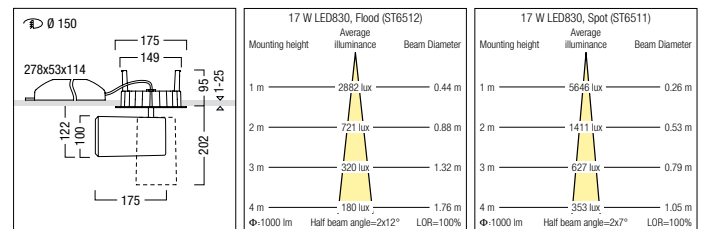
	RD/RØ	kg	Order no.
17 W LED830 flood	95/150	1,6	60 813 279
17 W LED840 flood	95/150	1,6	60 813 281

#### Recessed spotlight, spot, tilt action

17 W LED830 spot	95/150	1,6	60 813 278
17 W LED840 spot	95/150	1,6	60 813 280

#### Accessory

50° oval-outline lens			60 700 270
Black anti-glare ring			60 700 259
Honeycomb louvre, black			60 700 272
Interchangeable reflector flood			60 700 275
Interchangeable reflector spot			60 700 274
Interchangeable reflector wideflood			60 700 278



IYON-SL S D150 LED (Essential+ Stable White)



- [...]
- LED spotlight „Essential+ Stable White“ with stabilised colour temperature (warm white / neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Includes ballast as separate unit
- „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
- Colour rendering index: Ra 90
- Luminaire luminous flux: 750–900 lm
- Luminaire efficiency: 44–53 lm/W
- 5-100% adjustment of illuminance level via dimmable DALI

Recessed spotlight, flood, tilt action

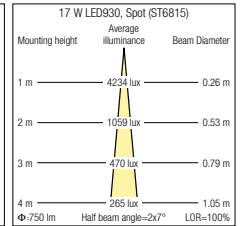
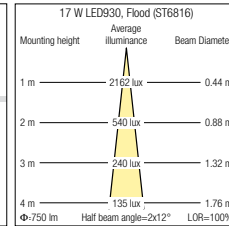
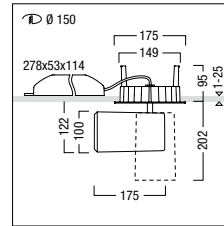
	RD/RØ	kg	Order no.
17 W LED930 flood, dimmable Dali only	95/150	1,6	60 814 035
17 W LED940 flood, dimmable Dali only	95/150	1,6	60 814 037

Recessed spotlight, spot, tilt action

17 W LED930 spot, dimmable Dali only	95/150	1,6	60 814 034
17 W LED940 spot, dimmable Dali only	95/150	1,6	60 814 036

Accessory

50° oval-outline lens			60 700 270
Black anti-glare ring			60 700 259
Honeycomb louvre, black			60 700 272
Interchangeable reflector flood			60 700 275
Interchangeable reflector spot			60 700 274
Interchangeable reflector wideflood			60 700 278



# IYON-SL S

## IYON-SL S D150 LED (Advanced Stable White)



- [...]
  - „Advanced Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
  - Optimised for efficient and high-quality accent lighting in shops and showrooms thanks to excellent colour rendering
  - Patented reflector-lens system delivers a precise beam pattern whether spot or flood
  - With controllable ballast (Dali), separate unit
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Colour stability MacAdam 3
  - Luminaire luminous flux: 1000 lm
  - Luminaire efficiency: 50 lm/W
  - 5-100% adjustment of illuminance level via dimmable DALI

### Recessed spotlight, flood, tilt action

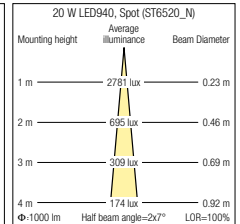
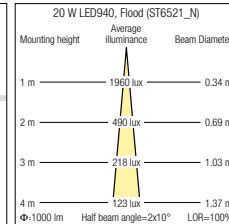
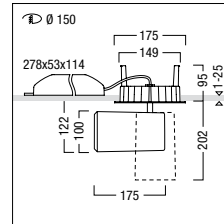
20 W LED930 flood, dimmable Dali only	95/150	1,9	60 814 065
20 W LED940 flood, dimmable Dali only	95/150	1,9	60 814 067

### Recessed spotlight, spot, tilt action

20 W LED930 spot, dimmable Dali only	95/150	1,9	60 814 064
20 W LED940 spot, dimmable Dali only	95/150	1,9	60 814 066

### Accessory

50° oval-outline lens	60 700 270
Black anti-glare ring	60 700 259
Honeycomb louvre, black	60 700 272
Interchangeable reflector flood	60 700 318
Interchangeable reflector spot	60 700 319





|...| Shared properties IYON-SL M

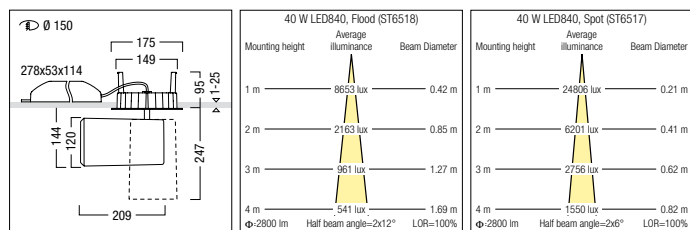
- Passive cooling achieved by innovative thermal design
- Complete assembly comprising spotlight and ballast unit
- Die-cast aluminium recessed housing with circular mounting surround, matt white
- Die-cast aluminium spotlight housing
- Colour: matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Highly reflective specular reflector made of aluminized polycarbonate, iridescence-free
- Service life: 50,000 h at 70 % luminous flux
- Mains voltage: 220–240 V / 50/60 Hz
- Installation: by means of concealed screw-fixing, ceiling thickness 1-25 mm

**IYON-SL M D150 LED (Essential Stable White)**



- |...|
- „Essential Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Includes ballast as separate unit
- „Stable White“ colour temperature: 3000 K (LED830: warm white) or 4000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminaire luminous flux: 2000-2100 lm (27W), 2700-2800 lm (40W), 3000-3300 lm (55 W)
- Luminaire efficiency: 74–78 lm/W (27 W), 67–70 lm/W (40 W), 54–60 lm/W (55 W)

	RD/RØ	kg	Order no.
<b>Recessed spotlight, flood, tilt action</b>			
27 W LED830 flood	95/150	2,0	60 813 284
27 W LED830 wideflood	95/150	2,0	60 814 038
27 W LED840 flood	95/150	2,0	60 813 287
27 W LED840 wideflood	95/150	2,0	60 814 039
40 W LED830 flood	95/150	2,0	60 813 288
40 W LED830 wideflood	95/150	2,0	60 813 289
40 W LED840 flood	95/150	2,0	60 813 290
40 W LED840 wideflood	95/150	2,0	60 813 291
55 W LED830 flood	95/150	2,0	60 814 129
55 W LED830 wideflood	95/150	2,0	60 814 130
55 W LED840 flood	95/150	2,0	60 814 132
55 W LED840 wideflood	95/150	2,0	60 814 133
<b>Recessed spotlight, spot, tilt action</b>			
27 W LED830 spot	95/150	2,0	60 813 283
27 W LED840 spot	95/150	2,0	60 813 286
40 W LED830 spot	95/150	2,0	60 813 570
40 W LED840 spot	95/150	2,0	60 813 571
55 W LED830 spot	95/150	2,0	60 814 128
55 W LED840 spot	95/150	2,0	60 814 131
<b>Accessory</b>			
50° oval-outline lens			60 700 271
Black anti-glare ring			60 700 260
Honeycomb louvre, black			60 700 273
Interchangeable reflector flood			60 700 277
Interchangeable reflector spot			60 700 276
Interchangeable reflector wideflood			60 700 280



IYON-SL M

IYON-SL M D150 LED (Essential+ Stable White)

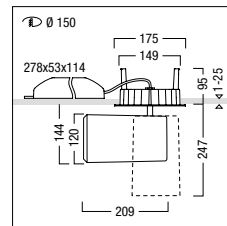


- [...]
  - LED spotlight „Essential+ Stable White“ with stabilised colour temperature (warm white / neutral white)
  - Optimised for efficient accent lighting in shops and showrooms
  - Includes ballast as separate unit
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Luminaire luminous flux: 1700-1800 lm (27 W), 2300-2400 lm (40 W), 2700-2900 lm (55 W)
  - Luminaire efficiency: 63-67 lm/W (27W), 58-60 lm/W (40W), 49-53 lm/W (55 W)
  - Dimmable Dali version: illuminance level has 5–100 % dimming adjustment

	RD/RØ	kg	Order no.
<b>Recessed spotlight, flood, tilt action</b>			
27 W LED930 flood eco*	95/150	2,0	60 813 654
27 W LED930 flood, dimmable Dali only eco*	95/150	2,0	60 813 746
27 W LED930 wideflood eco*	95/150	2,0	60 813 656
27 W LED930 wideflood, Dali dimmable only eco*	95/150	2,0	60 813 748
27 W LED940 flood eco*	95/150	2,0	60 813 655
27 W LED940 flood, dimmable Dali only eco*	95/150	2,0	60 813 747
27 W LED940 wideflood eco*	95/150	2,0	60 813 657
27 W LED940 wideflood, Dali dimmable only eco*	95/150	2,0	60 813 749
40 W LED930 flood eco*	95/150	2,0	60 813 660
40 W LED930 flood, dimmable Dali only eco*	95/150	2,0	60 813 750
40 W LED930 wideflood eco*	95/150	2,0	60 813 662
40 W LED930 wideflood, Dali dimmable only eco*	95/150	2,0	60 813 752
40 W LED940 flood eco*	95/150	2,0	60 813 661
40 W LED940 flood, dimmable Dali only eco*	95/150	2,0	60 813 751
40 W LED940 wideflood eco*	95/150	2,0	60 813 663
40 W LED940 wideflood, Dali dimmable only eco*	95/150	2,0	60 813 753
55 W LED930 flood	95/150	2,0	60 813 927
55 W LED930 flood, dimmable Dali only eco*	95/150	2,0	60 813 933
55 W LED930 wideflood	95/150	2,0	60 813 928
55 W LED930 wideflood, dimmable Dali only eco*	95/150	2,0	60 813 934
55 W LED940 flood	95/150	2,0	60 813 930
55 W LED940 flood, dimmable Dali only eco*	95/150	2,0	60 813 936
55 W LED940 wideflood	95/150	2,0	60 813 931
55 W LED940 wideflood, dimmable Dali only eco*	95/150	2,0	60 813 937

<b>Recessed spotlight, spot, tilt action</b>			
27 W LED930 spot eco*	95/150	2,0	60 813 652
27 W LED930 spot, dimmable Dali only eco*	95/150	2,0	60 813 256
27 W LED940 spot eco*	95/150	2,0	60 813 653
27 W LED940 spot, dimmable Dali only eco*	95/150	2,0	60 813 260
40 W LED930 spot eco*	95/150	2,0	60 813 658
40 W LED930 spot, dimmable Dali only eco*	95/150	2,0	60 712 089
40 W LED940 spot eco*	95/150	2,0	60 813 659
40 W LED940 spot, dimmable Dali only eco*	95/150	2,0	60 712 090
55 W LED930 spot	95/150	2,0	60 813 926
55 W LED930 spot, dimmable Dali only eco*	95/150	2,0	60 813 932
55 W LED940 spot	95/150	2,0	60 813 929
55 W LED940 spot, dimmable Dali only eco*	95/150	2,0	60 813 935

<b>Accessory</b>		
50° oval-outline lens		60 700 271
Black anti-glare ring		60 700 260
Honeycomb louvre, black		60 700 273
Interchangeable reflector flood		60 700 277
Interchangeable reflector spot		60 700 276
Interchangeable reflector wideflood		60 700 280



40 W LED940, Flood (ST6557)		
Mounting height	Average illuminance	Beam Diameter
1 m	6866 lux	0.44 m
2 m	1717 lux	0.88 m
3 m	763 lux	1.32 m
4 m	429 lux	1.76 m
Φ=2400 lm Half beam angle=2x12° LOR=100%		

40 W LED940, Spot (ST6556)		
Mounting height	Average illuminance	Beam Diameter
1 m	20250 lux	0.20 m
2 m	5062 lux	0.41 m
3 m	2250 lux	0.61 m
4 m	1266 lux	0.82 m
Φ=2400 lm Half beam angle=2x6° LOR=100%		

IYON-SL M D150 LED (Advanced Stable White)



- [...]
  - „Advanced Stable White“ LED spotlight with stabilised colour temperature (warm white/neutral white)
  - Optimised for efficient and high-quality accent lighting in shops and showrooms thanks to excellent colour rendering
  - Patented reflector-lens system delivers a precise beam pattern from spot to wideflood
  - With controllable ballast (Dali), separate unit
  - „Stable White“ colour temperature: 3000 K (LED930: warm white) or 4000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Colour stability MacAdam 3
  - Luminaire luminous flux: 1700 lm (32 W), 2600–2700 lm (47 W)
  - Luminaire efficiency: 53 lm/W (32 W), 55–57 lm/W (47 W)
  - 5-100% adjustment of illuminance level via dimmable DALI

Recessed spotlight, flood, tilt action

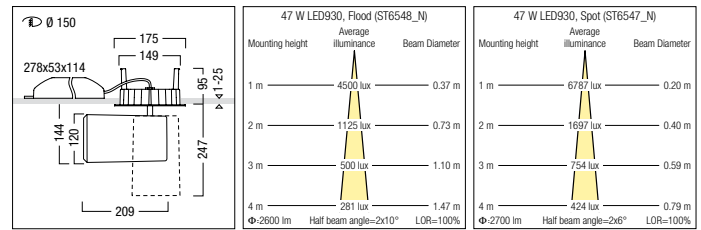
	RD/RØ	kg	Order no.
32 W LED930 flood, dimmable Dali only	95/150	2,0	60 814 069
32 W LED930 wideflood, dimmable Dali only	95/150	2,0	60 814 070
32 W LED940 flood, dimmable Dali only	95/150	2,0	60 814 072
32 W LED940 wideflood, dimmable Dali only	95/150	2,0	60 814 073
47 W LED930 flood, dimmable Dali only	95/150	2,0	60 814 099
47 W LED930 wideflood, dimmable Dali only	95/150	2,0	60 814 100
47 W LED940 flood, dimmable Dali only	95/150	2,0	60 814 102
47 W LED940 wideflood, dimmable Dali only	95/150	2,0	60 814 103

Recessed spotlight, spot, tilt action

32 W LED930 spot, dimmable Dali only	95/150	2,0	60 814 068
32 W LED940 spot, dimmable Dali only	95/150	2,0	60 814 071
47 W LED930 spot, dimmable Dali only	95/150	2,0	60 814 098
47 W LED940 spot, dimmable Dali only	95/150	2,0	60 814 101

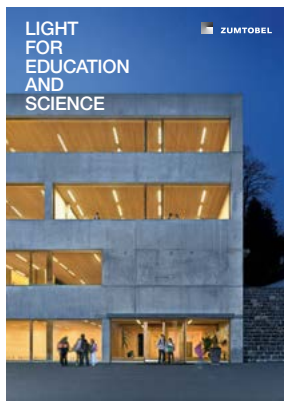
Accessory

50° oval-outline lens			60 700 271
Black anti-glare ring			60 700 260
Honeycomb louvre, black			60 700 273
Interchangeable reflector flood			60 700 321
Interchangeable reflector spot			60 700 320
Interchangeable reflector spot (47 W)			60 700 324
Interchangeable reflector wideflood			60 700 322
Interchangeable reflector wideflood (47 W)			60 700 323
Interchangeable reflector wideflood (47 W)			60 700 325





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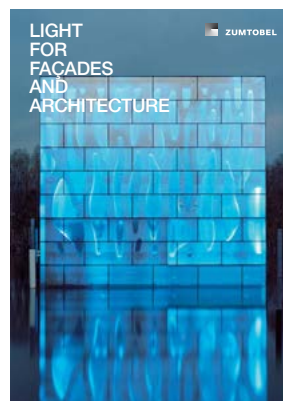
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**Zumtobel is the internationally leading supplier of integral lighting solutions for professional interior and exterior lighting applications.**

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Track and spots

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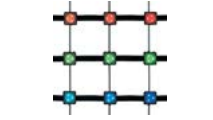
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