



**ZUMTOBEL**

## **IYON**

### **LED spotlight range**

Maximum LED efficiency  
in a sophisticated design.



[linked](#)

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





L'Occitane en Provence, Paris / FR  
Architects: L'Occitane Retail Architect Team, Paris / FR  
Lighting solution: LED spotlights LYON M.  
PANOS infinity LED downlights





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“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:

tunableWhite: PiLED technology and patented mixing chamber lens

- » Adjustable colour temperature of 2 700 K to 6 500 K
- » Excellent colour rendering (Ra > 90), colour quality and colour stability, uniform light distribution

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

- » Stable colour temperature of 3 000 K or 4 000 K
- » Excellent colour rendering (Ra > 90), colour quality and colour stability, uniform light distribution

Essential Plus stableWhite: phosphor array LED technology

- » Stable colour temperature of 3 000 K or 4 000 K
- » Very good colour rendering (Ra 90), high efficiency, high-output and pinpoint accent lighting

Essential stableWhite: phosphor array LED technology

- » Stable colour temperature of 3 000 K or 4 000 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 1 000 to 1 200 and 1 700 to 3 300 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: tunableWhite or stableWhite, 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



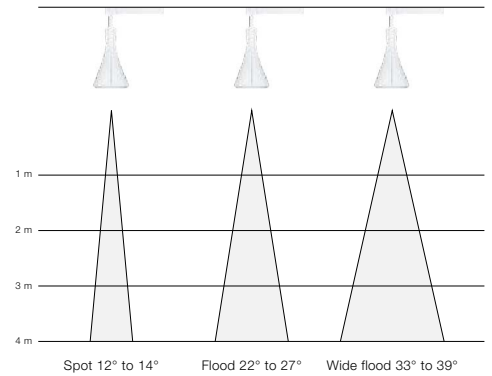


# IYON

## Excellent lighting quality

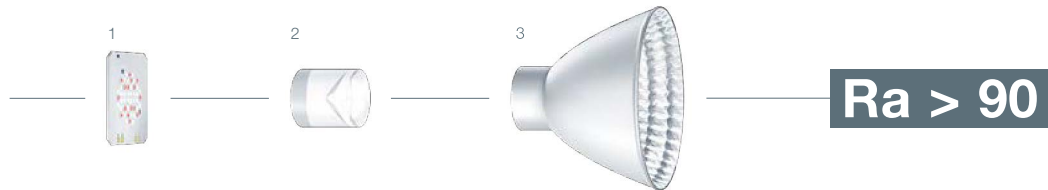
### Precise, uniform accent lighting

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 stableWhite and Essential stableWhite spotlights also make it possible to realise extremely narrow beam patterns for pinpoint highlighting.



### Unique technical lighting systems

#### ▪ Advanced stableWhite / tunableWhite



- 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 tunableWhite are able to render virtually the complete light spectrum over the entire band.

#### ▪ Essential Plus stableWhite / TGRfashion



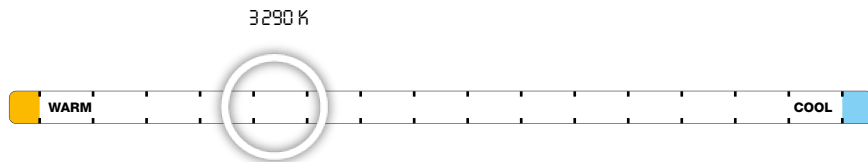
- 1 | High-power LED module (single-channel phosphor array LED technology) for very good colour rendering
- 2 | Aluminium-sputtered high-precision reflector made of plastic

#### ▪ Essential stableWhite



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





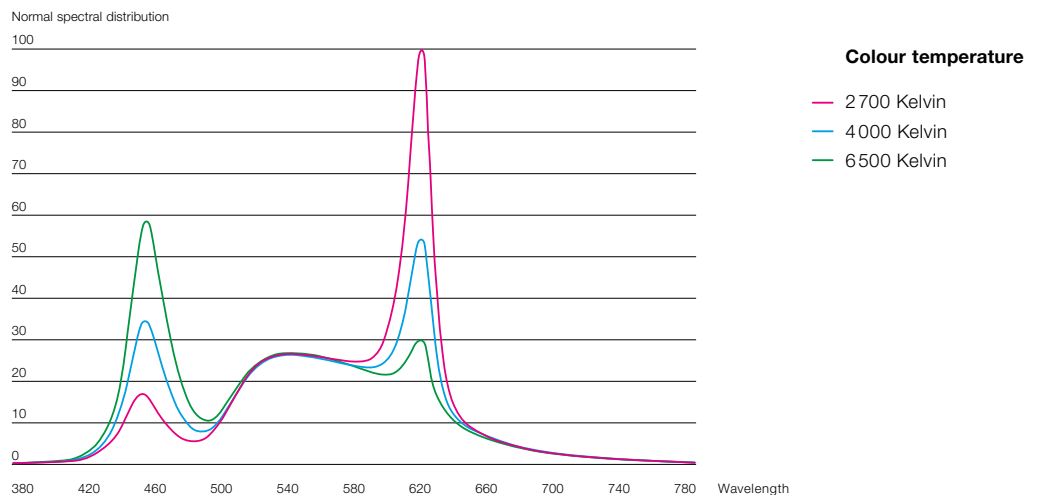
### Light creating sales-boosting effects

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.

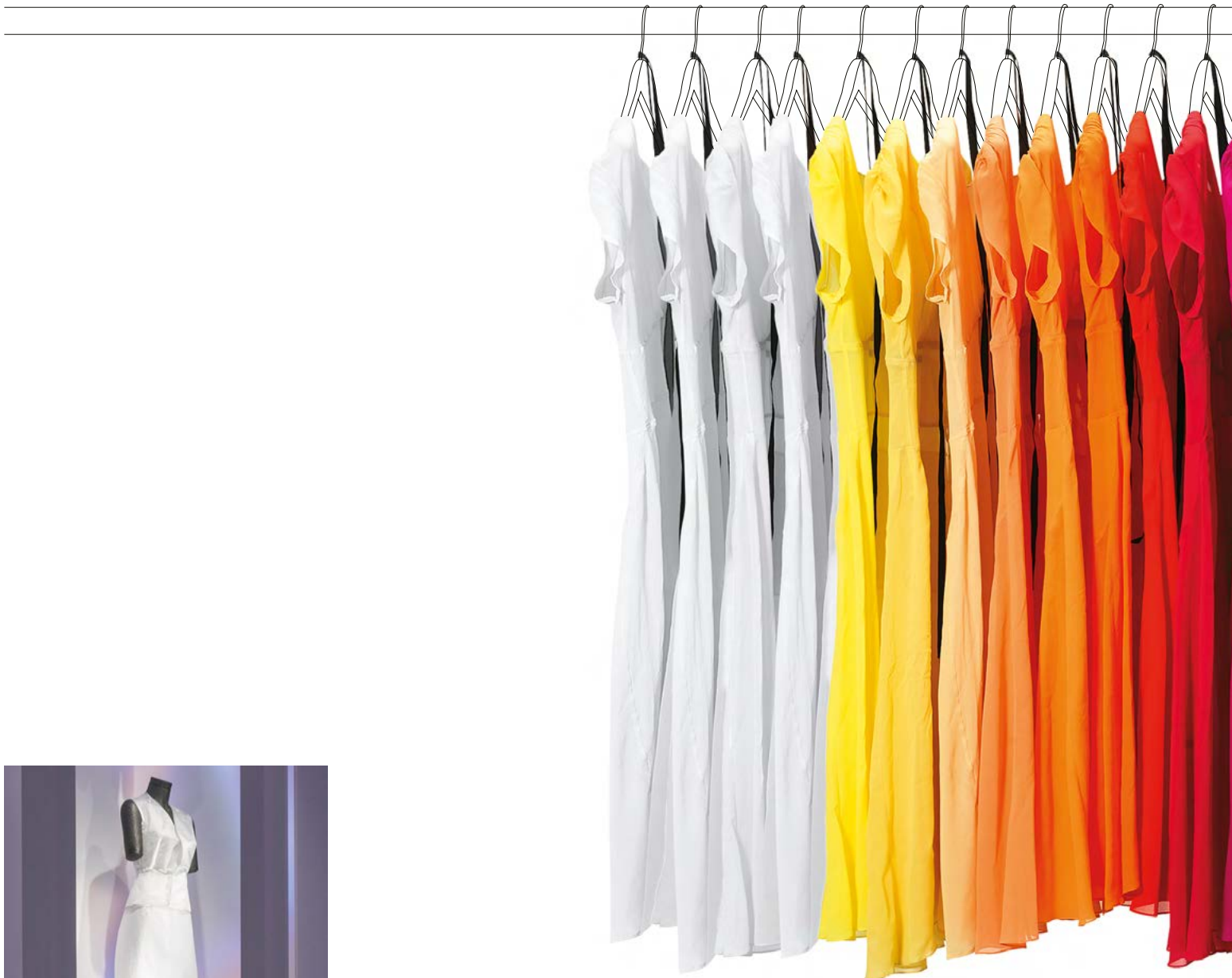
**tunableWhite BY ZUMTOBEL** [zumtobel.com/tunableWhite](http://zumtobel.com/tunableWhite)

### 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.



### **TrueGamutRendering fashion (TGRfashion)**

LED technology for brilliant colours

Light plays a truly significant role in achieving authentic retail presentation because light is the most important component when it comes to perceiving and evaluating goods. TGRfashion technology has enabled Zumtobel to achieve new levels of shop lighting quality using LEDs. It lends a fresh quality and brilliance to white colours, but also to light and bright colours. TGRfashion displays colours with particular purity, and the LED spotlight emphasises and differentiates the various properties of different materials, resulting in a high colour rendering index. This technology has for the first time been incorporated in the size M IYON and VIVO spotlights providing a luminous flux of 2400 lm.



IYON M LED TGRfashion





# IYON

## Excellent energy efficiency

### Powerful and efficient

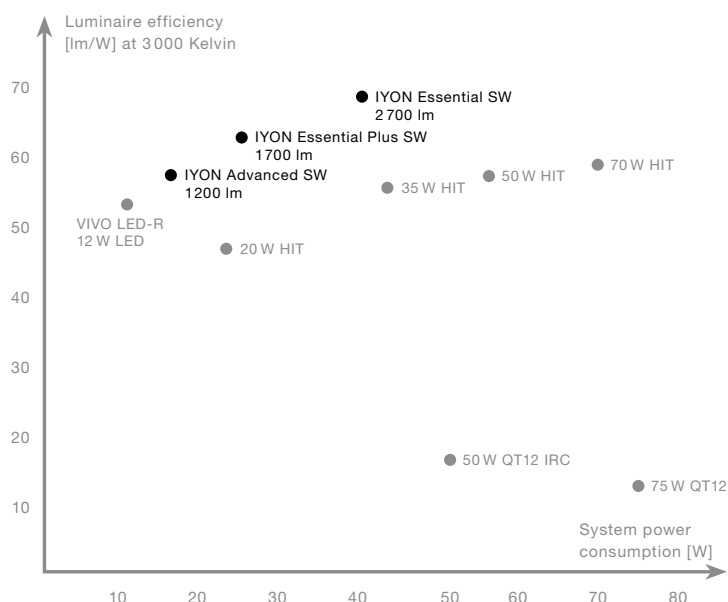
Designed to deliver optimum lighting in retail spaces, the IYON LED spotlight is available with several lumen packages as an efficient replacement for conventional spotlights that use high-pressure discharge lamps.

- 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

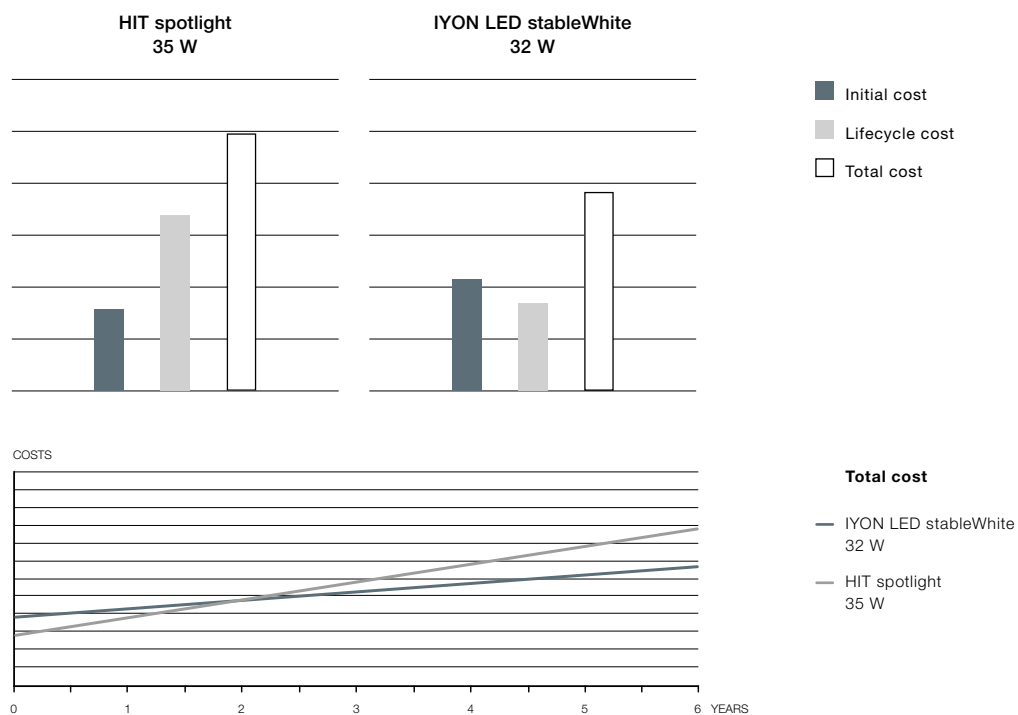


The new product label indicating a top rating in terms of criteria relevant to energy consumption. **eco+** is a holistic product label evaluating all system components involved and the lighting quality of a luminaire. **eco+** falls below the levels specified by existing energy directives by as much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



### 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	tunableWhite	Standard	Excellent	Standard
2 Red/white with mixing chamber lens High-precision polycarbonate reflector Passive cooling	Advanced stableWhite	Good	Excellent	Good
3 Phosphor array High-precision PC reflector Passive cooling	TGRfashion	Good	Excellent	Very good
4 Phosphor array High-precision polycarbonate reflector Passive cooling	Essential Plus stableWhite	Very good	Very good	Very good
5 Phosphor array High-precision polycarbonate reflector Passive cooling	Essential stableWhite	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 50000 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 50000 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 stableWhite, tunableWhite



### 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. stableWhite and tunableWhite 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 stableWhite

## 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, stableWhite and tunableWhite 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 stableWhite (3000 K): 20 W / 1200 lumens Essential stableWhite (3000 K): 17 W / 1000 lumens</p>	<p>Advanced stableWhite (3000 K): 32 W / 2000 Lumen, 47 W / 2600 lumens</p> <p>Essential Plus stableWhite (3000 K): 27 W / 1700 Lumen, 36 W / 2600 lumens</p> <p>Essential stableWhite (3000 K): 27 W / 2000 Lumen, 36 W / 3000 lumens</p> <p>tunableWhite: 32 W / ~1500 lumens</p>
<p>Advanced stableWhite: 3000 K (Ra &gt; 90) 4000 K (Ra 90)</p> <p>Essential stableWhite: 3000 K (Ra &gt; 80) 4000 K (Ra &gt; 80)</p>	<p>Advanced stableWhite/Essential Plus stableWhite: 3000 K (Ra &gt; 90), 4000 K (Ra 90)</p> <p>TGRfashion: 3000 K (Ra &gt; 90)</p> <p>Essential stableWhite: 3000 K (Ra &gt; 80), 4000 K (Ra &gt; 80)</p> <p>tunableWhite: 2700 K to 6500 K (Ra 90)</p>
<p>Advanced stableWhite: Switchable   DALI dimmable</p> <p>Essential stableWhite: Switchable</p>	<p>Advanced stableWhite/TGRfashion: Switchable   DALI dimmable</p> <p>Essential Plus stableWhite / Essential stableWhite: Switchable   DALI dimmable</p> <p>tunableWhite: DALI controllable   Rotary control switch on adapter track box</p>
<p>Advanced stableWhite 1200 lumens (3000 K): Spot 15°   Flood 27°</p> <p>Essential stableWhite 1000 lumens (3000 K): Spot 15°   Flood 25°</p>	<p>Advanced stableWhite 2000 to 2600 lumens (3000 K): Spot 14°   Flood 22° to 27°   Wideflood 33° to 39°</p> <p>Essential Plus stableWhite 1700 to 3000 lumens (3000 K): Spot 12°   Flood 24°   Wideflood 37°</p> <p>Essential stableWhite 2000 to 3300 lumens (3000 K): Spot 12°   Flood 24°   Wideflood 37°</p> <p>TGRfashion 2400 lumens (3000 K): Spot 12°   Flood 24°   Wideflood 37°</p> <p>tunableWhite: 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 TECTON</p>









**Oberrauch Zitt, Bolzano / IT**

Architects: Walter Angonese, Kaltern / IT

Lighting solution: ARCOS LED spotlight, IYON M LED spotlight, ARCOS HIT spotlight, VIVO HIT spotlight, SUPERSYSTEM H modular lighting system, TECTON TETRIS continuous-row lighting system, ONDARIA circular luminaire, ONLITE PURESIGN escape sign luminaire, ONLITE RESCLITE emergency luminaire, ONLITE LOCAL supply and monitoring module

# 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	•		•	
TECTON			•	
<b>Recessed depth</b>				
100 mm		•		•
<b>Luminaire diameter</b>				
Ø 100 mm	•	•		
Ø 120 mm			•	•
<b>TGRfashion</b>				
36 W (3000 K, Ra>90) 2400 lm			•	•
<b>Advanced stableWhite</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+ stableWhite</b>				
17 W (3000 K, 4000 K, Ra90) 900–1000 lm	•	•		
27 W (3000 K, 4000 K, Ra90) 1700–1800 lm			•	•
36 W (3000 K, 4000 K, Ra90) 2600–2700 lm			•	•
<b>Essential stableWhite</b>				
17 W (3000 K, 4000 K, Ra>80) 1000–1100 lm	•	•		
27 W (3000 K, 4000 K, Ra>80) 2000–2100 lm			•	•
36 W (3000 K, 4000 K, Ra>80) 3000–3200 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

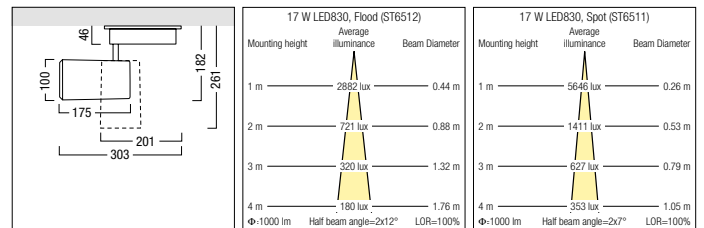
- Passive cooling achieved by innovative thermal design
- Includes converter in separate polycarbonate Zumtobel Trackbox adapter
- Housing made of die-cast aluminium
- Colour: matt black or matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Specular reflector of aluminium-sputtered polycarbonate, highly specular, 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 stableWhite)



- [...]
- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- “stableWhite” colour temperature: 3 000 K (LED830: warm white) or 4 000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminous flux: 1 000–1 100 lm
- Luminaire efficiency: 59–65 lm/W

	kg	Order no.	Order no.
<b>3-phase LED spotlight, flood (with universal adapter)</b>		<b>white</b>	<b>black</b>
17 W LED830 flood	1,1	60 711 977	60 711 978
17 W LED840 flood	1,1	60 711 981	60 711 982
<b>3-phase LED spotlight, spot (with universal adapter)</b>		<b>white</b>	<b>black</b>
17 W LED830 spot	1,1	60 711 975	60 711 976
17 W LED840 spot	1,1	60 711 979	60 711 980
<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

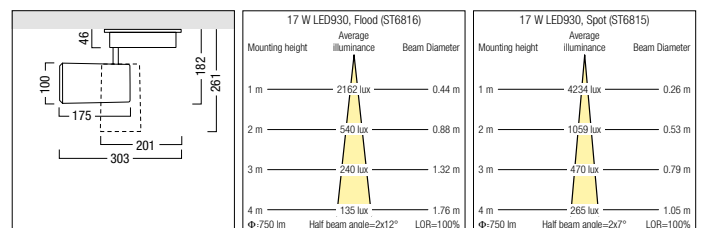


### IYON S LED (Essential+ stableWhite)



- [...]
- LED spotlight “Essential+ stableWhite” with stabilised colour temperature (warm white / neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- “stableWhite” colour temperature: 3 000 K (LED930: warm white) or 4 000 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>		<b>white</b>	<b>black</b>
17 W LED930 flood	1,0	60 712 393	60 712 394
17 W LED940 flood	1,0	60 712 397	60 712 398
<b>3-phase LED spotlight, spot (with universal adapter)</b>		<b>white</b>	<b>black</b>
17 W LED930 spot	1,0	60 712 391	60 712 392
17 W LED940 spot	1,0	60 712 395	60 712 396
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>			
17 W LED930 flood, dimmable DALI only <b>eco+</b>	1,0	60 712 401	60 712 402
17 W LED940 flood, dimmable DALI only <b>eco+</b>	1,0	60 712 405	60 712 406
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>			
17 W LED930 spot, dimmable DALI only <b>eco+</b>	1,0	60 712 399	60 712 400
17 W LED940 spot, dimmable DALI only <b>eco+</b>	1,0	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

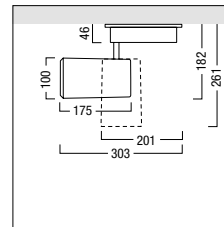


IYON S LED (Advanced stableWhite)



- [...]
  - “Advanced stableWhite” 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
  - “stableWhite” 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



20 W LED940, Flood (ST6521_N)			20 W LED940, Spot (ST6520_N)		
Mounting height	Average illuminance	Beam Diameter	Mounting height	Average illuminance	Beam Diameter
1 m	1960 lux	0.34 m	1 m	2781 lux	0.23 m
2 m	490 lux	0.69 m	2 m	695 lux	0.46 m
3 m	218 lux	1.03 m	3 m	309 lux	0.69 m
4 m	123 lux	1.37 m	4 m	174 lux	0.92 m
Φ=1000 lm Half beam angle=2x10° LOR=100%			Φ=1000 lm Half beam angle=2x7° LOR=100%		



# IYON M

[...] Shared properties IYON M

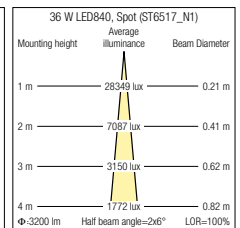
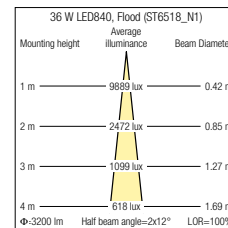
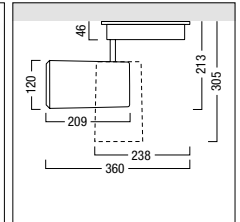
- Passive cooling achieved by innovative thermal design
- Includes converter in separate polycarbonate Zumtobel Trackbox adapter
- Housing made of die-cast aluminium
- Colour: matt black or matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Specular reflector of aluminium-sputtered polycarbonate, highly specular, 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 stableWhite)



- [...]
- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- “stableWhite” colour temperature: 3 000 K (LED830: warm white) or 4 000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminaire luminous flux: 2 000–2 100 lm (27 W), 3 000–3 200 lm (36 W)
- Luminaire efficiency: 74–78 lm/W (27 W), 83–89 lm/W (36 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
36 W LED830 flood	1,4	60 712 960	60 712 961
36 W LED830 wideflood	1,4	60 712 962	60 712 963
36 W LED840 flood	1,4	60 712 966	60 712 967
36 W LED840 wideflood	1,4	60 712 968	60 712 969
<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
36 W LED830 spot	1,4	60 712 958	60 712 959
36 W LED840 spot	1,4	60 712 964	60 712 965
<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

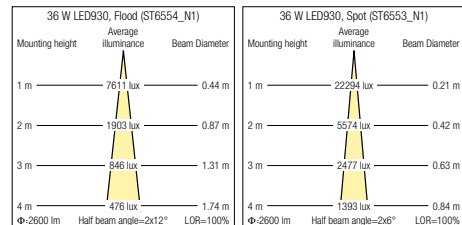
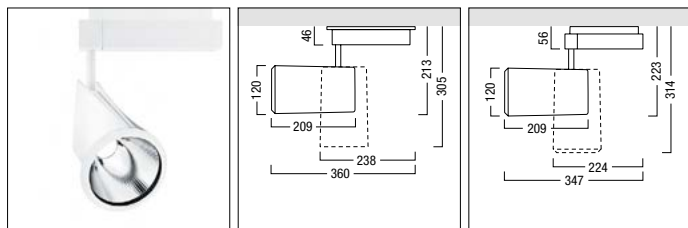


IYON M LED (Essential+ stableWhite)



- [...]
  - LED spotlight "Essential+ stable-White" with stabilised colour temperature (warm white / neutral white)
  - Optimised for efficient accent lighting in shops and showrooms
  - "stableWhite" colour temperature: 3 000 K (LED930: warm white) or 4 000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Luminaire luminous flux: 1 700–1 800 lm (27 W), 2 600–2 700 lm (36 W)
  - Luminaire efficiency: 63–67 lm/W (27 W), 72–75 lm/W (36 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	1,4	60 712 196	60 712 197
27 W LED930 wideflood	1,4	60 712 198	60 712 199
27 W LED940 flood	1,4	60 712 202	60 712 203
27 W LED940 wideflood	1,4	60 712 204	60 712 205
36 W LED930 flood	1,4	60 712 972	60 712 973
36 W LED930 wideflood	1,4	60 712 974	60 712 975
36 W LED940 flood	1,4	60 712 978	60 712 979
36 W LED940 wideflood	1,4	60 712 980	60 712 981
<b>3-phase LED spotlight, spot (with universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 spot	1,4	60 711 756	60 711 757
27 W LED940 spot	1,4	60 711 764	60 711 765
36 W LED930 spot	1,4	60 712 970	60 712 971
36 W LED940 spot	1,4	60 712 976	60 712 977
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 flood, dimmable Dali only	1,4	60 712 266	60 712 267
27 W LED930 wideflood, Dali dimmable only	1,4	60 712 268	60 712 269
27 W LED940 flood, dimmable Dali only	1,4	60 712 270	60 712 271
27 W LED940 wideflood, Dali dimmable only	1,4	60 712 272	60 712 273
36 W LED930 flood, dimmable Dali only	1,4	60 712 984	60 712 985
36 W LED930 wideflood, Dali dimmable only	1,4	60 712 986	60 712 987
36 W LED940 flood, dimmable Dali only	1,4	60 712 990	60 712 991
36 W LED940 wideflood, Dali dimmable only	1,4	60 712 992	60 712 993
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>			
		<i>white</i>	<i>black</i>
27 W LED930 spot, dimmable Dali only	1,4	60 711 780	60 711 781
27 W LED940 spot, dimmable Dali only	1,4	60 711 788	60 711 789
36 W LED930 spot, dimmable Dali only	1,4	60 712 982	60 712 983
36 W LED940 spot, dimmable Dali only	1,4	60 712 988	60 712 989
<b>LED spotlight, flood (with surface-mount fittings)</b>			
		<i>white</i>	
36 W LED930 flood, dimmable Dali only	1,6	60 814 408	
36 W LED930 wideflood, dimmable Dali only	1,6	60 814 409	
36 W LED940 flood, dimmable Dali only	1,6	60 814 411	
36 W LED940 wideflood, dimmable Dali only	1,6	60 814 412	
<b>LED spotlight, spot (with surface-mount fittings)</b>			
		<i>white</i>	
36 W LED930 spot, dimmable Dali only	1,6	60 814 407	
36 W LED940 spot, dimmable Dali only	1,6	60 814 410	
<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



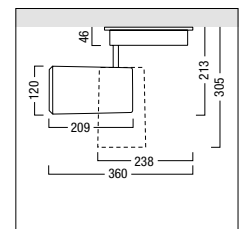
## IYON M

### IYON M LED TGR (True Gamut Rendering)



- [...]
  - LED spotlight with Ra >90 colour rendering in all colour spectra, optimised for efficient accent lighting in shops and sales spaces
  - True Gamut Rendering (TGR) enables lively colour effects particularly with white and coloured apparel
  - Colour temperature: 3000 K (LED930: warm white)
  - Colour rendering index: Ra > 90
  - Luminaire luminous flux: 2400 lm
  - Luminaire efficiency: 67 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>		<i>white</i>	<i>black</i>
36 W LED930 TGR flood	1,4	60 713 157	60 713 156
36 W LED930 TGR wideflood	1,4	60 713 159	60 713 158
<b>3-phase LED spotlight, spot (with universal adapter)</b>		<i>white</i>	<i>black</i>
36 W LED930 TGR spot	1,4	60 713 155	60 713 154
<b>L3+DALI LED spotlight, flood (including Universal adapter)</b>		<i>white</i>	<i>black</i>
36 W LED930 TGR flood, dimmable Dali only	1,4	60 713 163	60 713 162
36 W LED930 TGR wideflood, dimmable Dali only	1,4	60 713 165	60 713 164
<b>L3+DALI LED spotlight, spot (including Universal adapter)</b>		<i>white</i>	<i>black</i>
36 W LED930 TGR spot, dimmable Dali only	1,4	60 713 161	60 713 160
<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 M LED (Advanced stableWhite)

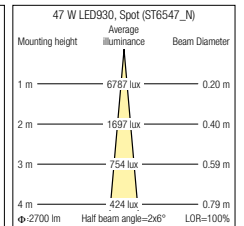
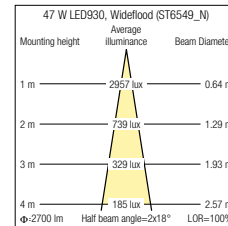
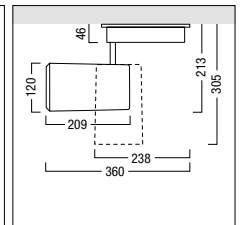


- [...]
  - “Advanced stableWhite” LED spotlight with stabilised colour temperature (warm white/neutral white)
  - Optimised for efficient and high-quality accent lighting in shops and showrooms thanks to excellent colour rendering
  - Patented reflector-lens system delivers a precise beam pattern from spot to wideflood
  - “stableWhite” colour temperature: 3 000 K (LED930: warm white) or 4 000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Colour stability MacAdam 3
  - Luminaire luminous flux: 1 700 lm (32 W), 2 600–2 700 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 flood (47 W)	60 700 323
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)	60 700 325



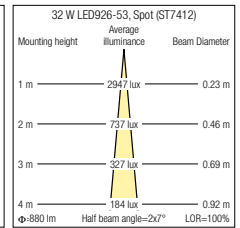
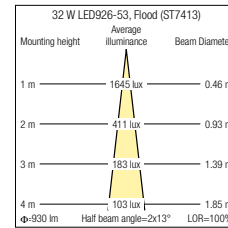
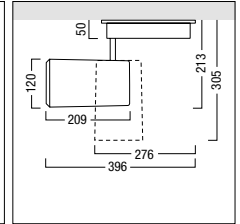
# IYON M

## IYON M LED (tunableWhite)



- [...]
  - “tunableWhite” LED spotlight with adjustable colour temperatures (warm white–daylight white)
  - Optimised for efficient accent lighting in shops and showrooms
  - Patented reflector-lens system delivers a precise beam pattern whether spot or flood
  - Settable illuminance: 15–100 % (momentary action switch/rotary potentiometer)
  - Colour temperature with stepless adjustment on spotlight (momentary action switch/rotary potentiometer): 2 600–5 500 K
  - Colour rendering index: Ra > 80
  - Luminaire luminous flux > 900 lm for 32 W
  - Luminaire efficiency > 30 lm/W

	kg	Order no.	Order no.
3-phase LED spotlight, flood (with universal adapter)		<i>white</i>	<i>black</i>
32 W LED926–953 flood,			
momentary action switch/rotary potentiometer	1,6	60 711 776	60 711 777
3-phase LED spotlight, spot (with universal adapter)		<i>white</i>	<i>black</i>
32 W LED926–953 spot,			
momentary action switch/rotary potentiometer	1,6	60 711 774	60 711 775
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



[...] Shared properties IYON M TEC LED

- Passive cooling achieved by innovative thermal design
- Includes converter in separate polycarbonate box
- Housing made of die-cast aluminium
- Colour: matt white microtextured paint
- Front ring fixed to spotlight housing by twist-and-lock mechanism
- Spotlight rotates through 360° and pivots through 90°
- Specular reflector of aluminium-sputtered polycarbonate, highly specular, iridescence-free
- Service life: 50 000 h at 70 % luminous flux
- Dimmable Dali version: illuminance level has 5–100 % dimming adjustment
- Mains voltage: 220–240 V / 50/60 Hz
- Trunking module: length 450 mm
- CLIX technology used to fix spotlight to trunking
- DALI version: for DALI-controlled TECTON system
- Spotlight cannot be fitted over input power feed, central power feed or output power feed

**IYON M TEC LED (Essential/Essential+ stableWhite)**



- [...]
- LED spotlight “Essential/Essential+ stableWhite” with stabilised colour temperature (warm white / neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Essential version: “stableWhite” colour temperature: 3 000 K (LED830: warm white) or 4 000 K (LED840: neutral white), colour rendering: Ra 80
- Essential+ version: “stableWhite” colour temperature: 3 000 K (LED930: warm white) or 4 000 K (LED940: neutral white), colour rendering: Ra 90
- Essential version: Luminous flux: 2 000–2 100 lm (27 W), 3 000–3 200 lm (36 W); luminaire efficiency: 74–78 lm/W (27 W), 83–89 lm/W (36 W)
- Essential+ version: luminaire luminous flux: 1 700–1 800 lm (27 W), 2 600–2 700 lm (36 W); luminaire efficiency: 63–67 lm/W (27 W), 72–75 lm/W (36 W)

**LED-spotlight, flood, with CLIX technology (TECTON)**

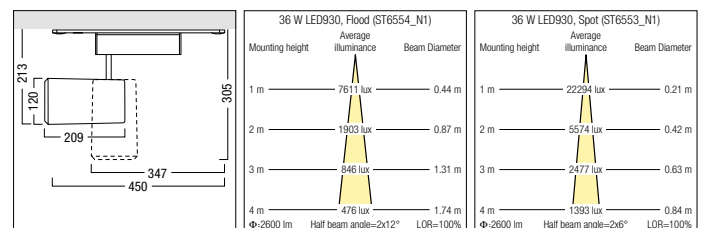
	kg	Order no.
27 W LED830 flood	1,6	60 712 412
27 W LED830 wideflood	1,6	60 712 413
27 W LED840 flood	1,6	60 712 415
27 W LED840 wideflood	1,6	60 712 416
27 W LED930 flood	1,6	60 712 418
27 W LED930 flood, dimmable Dali only	1,6	60 712 424
27 W LED930 wideflood	1,6	60 712 419
27 W LED930 wideflood, dimmable Dali only	1,6	60 712 425
27 W LED940 flood	1,6	60 712 421
27 W LED940 flood, dimmable Dali only	1,6	60 712 427
27 W LED940 wideflood	1,6	60 712 422
27 W LED940 wideflood, dimmable Dali only	1,6	60 712 428
36 W LED830 flood	1,6	60 712 995
36 W LED830 wideflood	1,6	60 712 996
36 W LED840 flood	1,6	60 712 998
36 W LED840 wideflood	1,6	60 712 999
36 W LED930 flood	1,6	60 713 001
36 W LED930 flood, dimmable Dali only	1,6	60 713 007
36 W LED930 wideflood	1,6	60 713 002
36 W LED930 wideflood, dimmable Dali only	1,6	60 713 008
36 W LED940 flood	1,6	60 713 004
36 W LED940 flood, dimmable Dali only	1,6	60 713 010
36 W LED940 wideflood	1,6	60 713 005
36 W LED940 wideflood, dimmable Dali only	1,6	60 713 011

**LED spotlight, spot, with CLIX technology (TECTON)**

27 W LED830 spot	1,6	60 712 411
27 W LED840 spot	1,6	60 712 414
27 W LED930 spot	1,6	60 712 417
27 W LED930 spot, dimmable Dali only	1,6	60 712 423
27 W LED940 spot	1,6	60 712 420
27 W LED940 spot, dimmable Dali only	1,6	60 712 426
36 W LED830 spot	1,6	60 712 994
36 W LED840 spot	1,6	60 712 997
36 W LED930 spot	1,6	60 713 000
36 W LED930 spot, dimmable Dali only	1,6	60 713 006
36 W LED940 spot	1,6	60 713 003
36 W LED940 spot, dimmable Dali only	1,6	60 713 009

**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 TEC

IYON M TEC LED (Advanced stableWhite)



- [...]
  - “Advanced stableWhite” 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
  - “stableWhite” colour temperature: 3 000 K (LED930: warm white) or 4 000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Colour stability MacAdam 3
  - Luminaire luminous flux: 1 700 lm (32 W), 2 600–2 700 lm (47 W)
  - Luminaire efficiency: 53 lm/W (32 W), 55–57 lm/W (47 W)
  - Specular reflector optic designed as interchangeable reflector suitable for retrofitting

LED-spotlight, flood, with CLIX technology (TECTON)

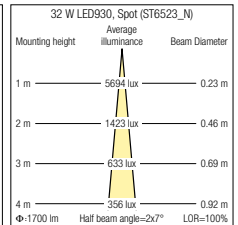
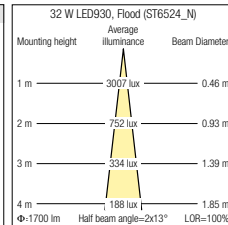
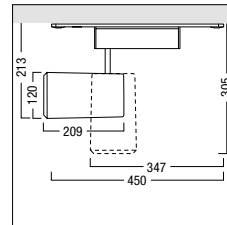
Model	Weight (kg)	Order no.
32 W LED930 flood	1,6	60 711 811
32 W LED930 flood, dimmable Dali only eco+	1,6	60 711 805
32 W LED930 wideflood	1,6	60 711 812
32 W LED930 wideflood, Dali dimmable only eco+	1,6	60 711 806
32 W LED940 flood	1,6	60 711 814
32 W LED940 flood, dimmable Dali only eco+	1,6	60 711 808
32 W LED940 wideflood	1,6	60 711 815
32 W LED940 wideflood, Dali dimmable only eco+	1,6	60 711 809
47 W LED930 flood eco+	1,6	60 711 850
47 W LED930 flood, dimmable Dali only eco+	1,6	60 711 844
47 W LED930 wideflood eco+	1,6	60 711 851
47 W LED930 wideflood, Dali dimmable only eco+	1,6	60 711 845
47 W LED940 flood eco+	1,6	60 711 853
47 W LED940 flood, dimmable Dali only eco+	1,6	60 711 847
47 W LED940 wideflood eco+	1,6	60 711 854
47 W LED940 wideflood, Dali dimmable only eco+	1,6	60 711 848

LED spotlight, spot, with CLIX technology (TECTON)

Model	Weight (kg)	Order no.
32 W LED930 spot	1,6	60 711 810
32 W LED930 spot, dimmable Dali only eco+	1,6	60 711 804
32 W LED940 spot	1,6	60 711 813
32 W LED940 spot, dimmable Dali only eco+	1,6	60 711 807
47 W LED930 spot eco+	1,6	60 711 849
47 W LED930 spot, dimmable Dali only eco+	1,6	60 711 843
47 W LED940 spot eco+	1,6	60 711 852
47 W LED940 spot, dimmable Dali only eco+	1,6	60 711 846

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 flood (47 W)	60 700 323
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)	60 700 325





[...] Shared properties İYON-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°
- Specular reflector of aluminium-sputtered polycarbonate, highly specular, 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

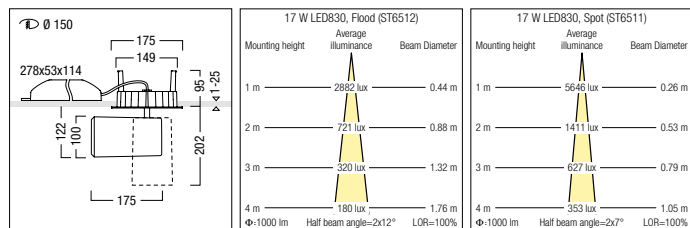
**İYON-SL S D150 LED (Essential stableWhite)**



- [...]
- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Includes ballast as separate unit
- “stableWhite” colour temperature: 3 000 K (LED830: warm white) or 4 000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminous flux: 1 000–1 100 lm
- Luminaire efficiency: 59–65 lm/W

	RD/RØ	kg	Order no.
<b>Recessed spotlight, flood, tilt action</b>			
17 W LED830 flood	95/150	1,6	60 813 279
17 W LED840 flood	95/150	1,6	60 813 281
<b>Recessed spotlight, spot, tilt action</b>			
17 W LED830 spot	95/150	1,6	60 813 278
17 W LED840 spot	95/150	1,6	60 813 280
<b>Accessory</b>			
50° oval-outline lens			60 700 270
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
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

Please order separately the special tool required for installation (60 700 309) TORX ball-head key size 1/4" x 70 T20.



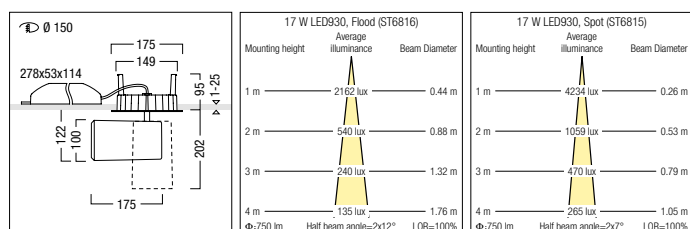
**İYON-SL S D150 LED (Essential+ stableWhite)**



- [...]
- LED spotlight “Essential+ stableWhite” with stabilised colour temperature (warm white / neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Includes ballast as separate unit
- “stableWhite” colour temperature: 3 000 K (LED930: warm white) or 4 000 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

	RD/RØ	kg	Order no.
<b>Recessed spotlight, flood, tilt action</b>			
17 W LED930 flood	95/150	1,6	60 814 035
17 W LED940 flood	95/150	1,6	60 814 037
<b>Recessed spotlight, spot, tilt action</b>			
17 W LED930 spot	95/150	1,6	60 814 034
17 W LED940 spot	95/150	1,6	60 814 036
<b>Accessory</b>			
50° oval-outline lens			60 700 270
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
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

Please order separately the special tool required for installation (60 700 309) TORX ball-head key size 1/4" x 70 T20.



# IYON-SL S

## IYON-SL S D150 LED (Advanced stableWhite)



- [...]
  - “Advanced stableWhite” 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
  - “stableWhite” 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

	RD/RØ	kg	Order no.
20 W LED930 flood	95/150	1,9	60 814 065
20 W LED940 flood	95/150	1,9	60 814 067

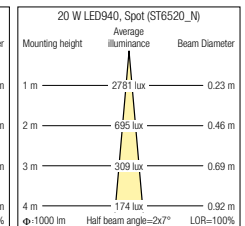
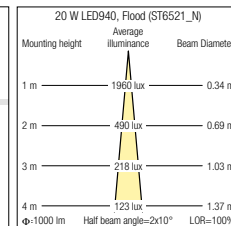
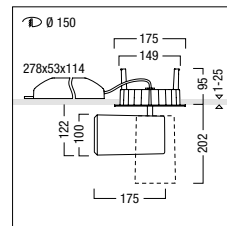
### Recessed spotlight, spot, tilt action

	RD/RØ	kg	Order no.
20 W LED930 spot	95/150	1,9	60 814 064
20 W LED940 spot	95/150	1,9	60 814 066

### Accessory

50° oval-outline lens			60 700 270
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
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

Please order separately the special tool required for installation (60 700 309) TORX ball-head key size 1/4" x 70 T20.



[...] 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°
- Specular reflector of aluminium-sputtered polycarbonate, highly specular, 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

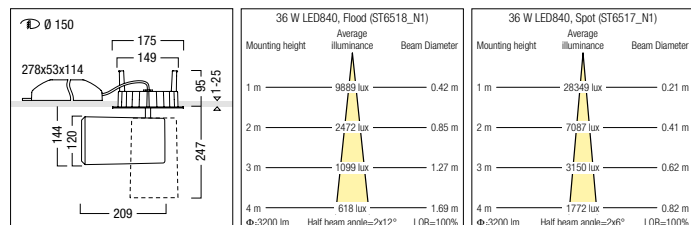
**IYON-SL M D150 LED (Essential stableWhite)**



- [...]
- “Essential stableWhite” LED spotlight with stabilised colour temperature (warm white/neutral white)
- Optimised for efficient accent lighting in shops and showrooms
- Includes ballast as separate unit
- “stableWhite” colour temperature: 3 000 K (LED830: warm white) or 4 000 K (LED840: neutral white)
- Colour rendering index: Ra > 80
- Luminaire luminous flux: 2 000–2 100 lm (27 W), 3 000–3 200 lm (36 W)
- Luminaire efficiency: 74–78 lm/W (27 W), 83–89 lm/W (36 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
36 W LED830 flood	95/150	2,0	60 814 390
36 W LED830 wideflood	95/150	2,0	60 814 391
36 W LED840 flood	95/150	2,0	60 814 393
36 W LED840 wideflood	95/150	2,0	60 814 394
<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
36 W LED830 spot	95/150	2,0	60 814 389
36 W LED840 spot	95/150	2,0	60 814 392
<b>Accessory</b>			
50° oval-outline lens			60 700 271
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
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

Please order separately the special tool required for installation (60 700 309) TORX ball-head key size 1/4" x 70 T20.



# IYON-SL M

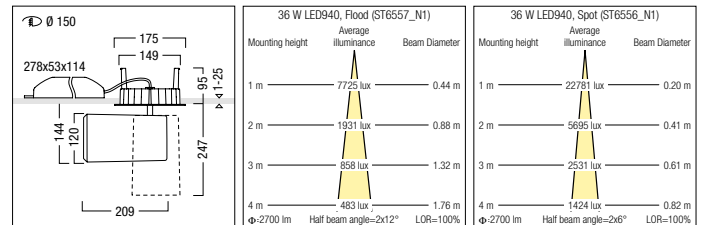
## IYON-SL M D150 LED (Essential+ stableWhite)



- [...]
  - 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
  - "stableWhite" colour temperature: 3 000 K (LED930: warm white) or 4 000 K (LED940: neutral white)
  - Colour rendering index: Ra 90
  - Luminaire luminous flux: 1 700–1 800 lm (27 W), 2 600–2 700 lm (36 W)
  - Luminaire efficiency: 63–67 lm/W (27 W), 72–75 lm/W (36 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	95/150	2,0	60 813 654
27 W LED930 flood, dimmable Dali only	95/150	2,0	60 813 746
27 W LED930 wideflood	95/150	2,0	60 813 656
27 W LED930 wideflood, Dali dimmable only	95/150	2,0	60 813 748
27 W LED940 flood	95/150	2,0	60 813 655
27 W LED940 flood, dimmable Dali only	95/150	2,0	60 813 747
27 W LED940 wideflood	95/150	2,0	60 813 657
27 W LED940 wideflood, Dali dimmable only	95/150	2,0	60 813 749
36 W LED930 flood	95/150	2,0	60 814 396
36 W LED930 flood, dimmable Dali only	95/150	2,0	60 814 402
36 W LED930 wideflood	95/150	2,0	60 814 397
36 W LED930 wideflood, Dali dimmable only	95/150	2,0	60 814 403
36 W LED940 flood	95/150	2,0	60 814 399
36 W LED940 flood, dimmable Dali only	95/150	2,0	60 814 405
36 W LED940 wideflood	95/150	2,0	60 814 400
36 W LED940 wideflood, Dali dimmable only	95/150	2,0	60 814 406
<b>Recessed spotlight, spot, tilt action</b>			
27 W LED930 spot	95/150	2,0	60 813 652
27 W LED930 spot, dimmable Dali only	95/150	2,0	60 813 256
27 W LED940 spot	95/150	2,0	60 813 653
27 W LED940 spot, dimmable Dali only	95/150	2,0	60 813 260
36 W LED930 spot	95/150	2,0	60 814 395
36 W LED930 spot, dimmable Dali only	95/150	2,0	60 814 401
36 W LED940 spot	95/150	2,0	60 814 398
36 W LED940 spot, dimmable Dali only	95/150	2,0	60 814 404
<b>Accessory</b>			
50° oval-outline lens			60 700 271
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
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

Please order separately the special tool required for installation (60,700,309) TORX ball-head key size 1/4" x 70 T20.





IYON-SL M D150 LED TGR (True Gamut Rendering)



- [...]
- LED spotlight with Ra >90 colour rendering in all colour spectra, optimised for efficient accent lighting in shops and sales spaces
- True Gamut Rendering (TGR) enables lively colour effects particularly with white and coloured apparel
- Includes ballast as separate unit
- Colour temperature: 3000 K (LED930: warm white)
- Colour rendering index: Ra > 90
- Luminaire luminous flux: 2 400 lm
- Luminaire efficiency: 67 lm/W
- Dimmable Dali version: illuminance level has 5–100 % dimming adjustment

Recessed spotlight, flood, tilt action

	RD/RØ	kg	Order no.
36 W LED930 TGR flood	95/150	2,0	60 815 539
36 W LED930 TGR flood, dimmable Dali only	95/150	2,0	60 815 542
36 W LED930 TGR wideflood	95/150	2,0	60 815 540
36 W LED930 TGR wideflood, dimmable Dali only	95/150	2,0	60 815 543

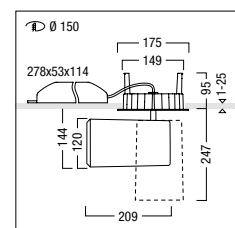
Recessed spotlight, spot, tilt action

36 W LED930 TGR spot	95/150	2,0	60 815 538
36 W LED930 TGR spot, dimmable Dali only	95/150	2,0	60 815 541

Accessory

50° oval-outline lens			60 700 271
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
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

Bitte das zur Montage erforderliche Werkzeug (60 700 309) TORX-Kugelpfopf SW 1/4" x 70 T20 separat bestellen.



IYON-SL M D150 LED (Advanced stableWhite)



- [...]
- "Advanced stableWhite" 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
- "stableWhite" 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	95/150	2,0	60 814 069
32 W LED930 wideflood	95/150	2,0	60 814 070
32 W LED940 flood	95/150	2,0	60 814 072
32 W LED940 wideflood	95/150	2,0	60 814 073
47 W LED930 flood	95/150	2,0	60 814 099
47 W LED930 wideflood	95/150	2,0	60 814 100
47 W LED940 flood	95/150	2,0	60 814 102
47 W LED940 wideflood	95/150	2,0	60 814 103

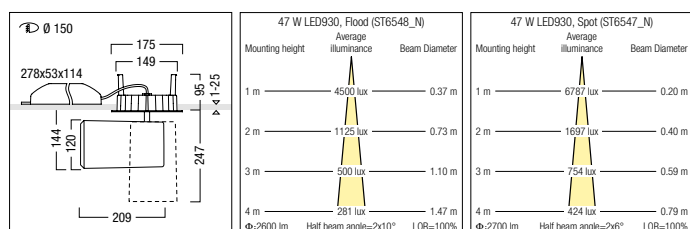
Recessed spotlight, spot, tilt action

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

Accessory

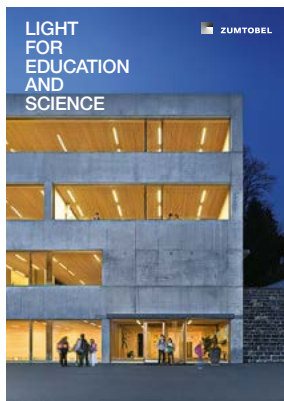
50° oval-outline lens			60 700 271
Assembly tool TORX ball head, drive size 1/4" x 70 T20			60 700 309
Black anti-glare ring			60 700 260
Honeycomb louvre, black			60 700 273
Interchangeable reflector flood			60 700 321
Interchangeable reflector flood (47 W)			60 700 323
Interchangeable reflector spot			60 700 320
Interchangeable reflector spot (47 W)			60 700 324
Interchangeable reflector wideflood			60 700 322
Interchangeable reflector wideflood (47 W)			60 700 325

Please order separately the special tool required for installation (60 700 309) TORX ball-head key size 1/4" x 70 T20.





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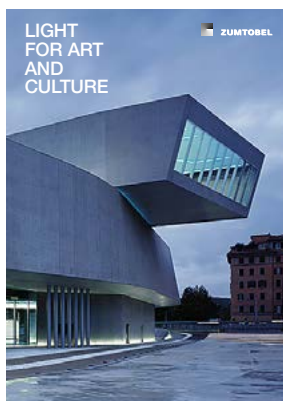
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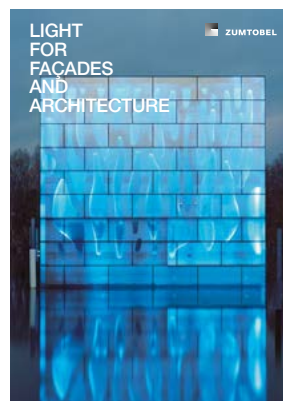
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**Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.**

- Offices and Communication
- Education and Science
- Presentation and Retail
- Hotel and Wellness
- Art and Culture
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- Industry and Engineering
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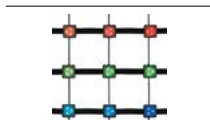
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