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Impressive accent
lighting in a
striking design

Low-voltage
halogen spotlights

Reliable

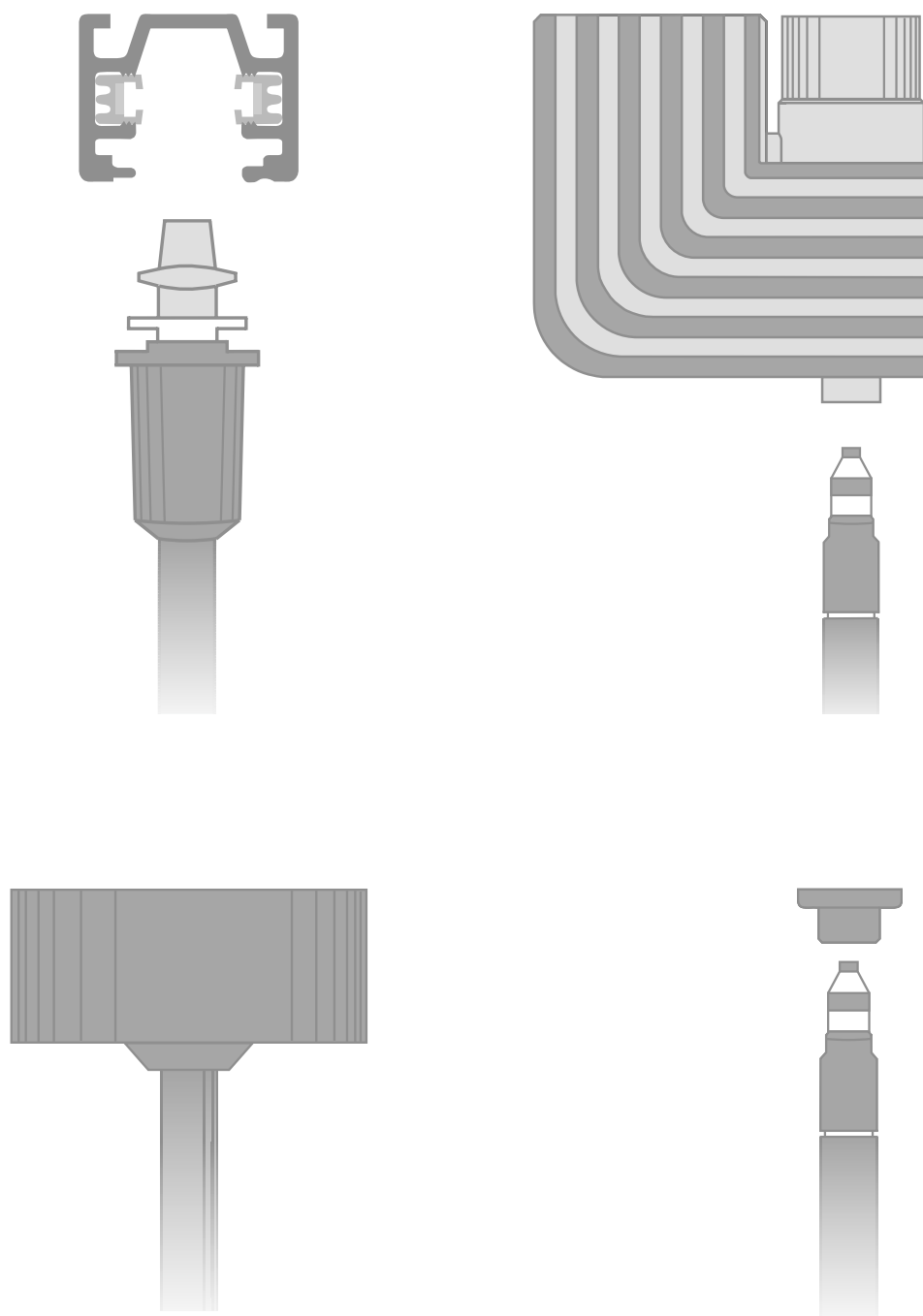
High-grade materials such as die-cast aluminium and heat-resistant thermoplastic combined with up-to-date manufacturing processes ensure a high level of quality, functional dependability and long service life. Adjustable tilting or rotating joints hold the spotlight securely in any desired position.



Attractive

Each small low-voltage spotlight has a personality of its own. Their individually styled shapes give distinctive accents to lighting and interior design.





Versatile

These low-voltage spotlights can be connected in a whole range of application-oriented ways to solve a wide variety of lighting tasks ranging from a solitary spotlight with a surface-mounted fitting or plug-in adapter through to flexible installation on the Zumtobel Staff track.

Individually shaped and strong on performance

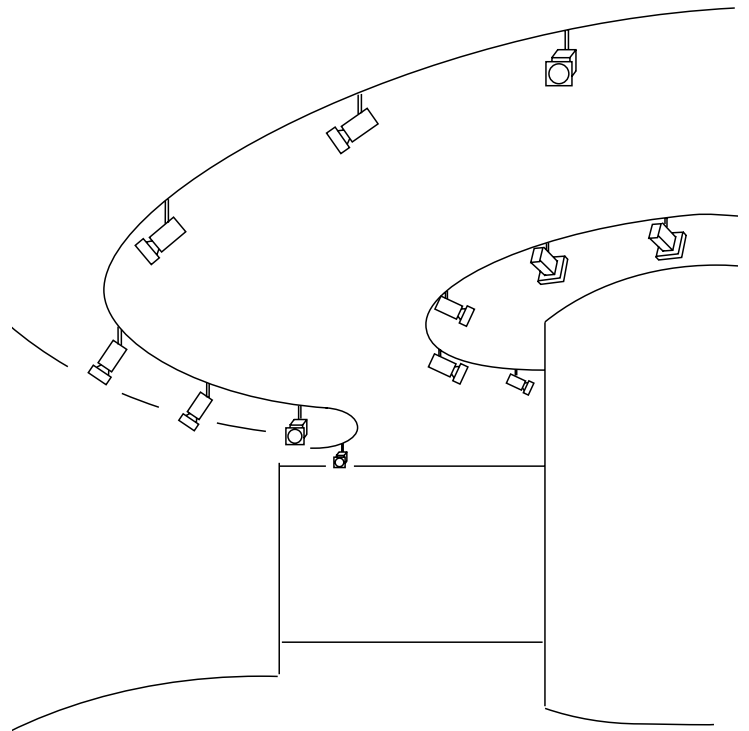
These small low-voltage spotlights blend harmoniously into very different lighting environments. Thanks to the various ways they can be connected, these small lighting actors can be used almost anywhere: in entrance lobbies, bars or showcases.





Adaptable all the way down the line

Tracks fitted with low-voltage spotlights can be used flexibly. A special process is used to bend the track in two dimensional curves. Tracks can be horizontally curved as a segment of a circle in order to match round bays or entrance halls for instance. Tracks can also be bent to follow the vertical curves of an arch.



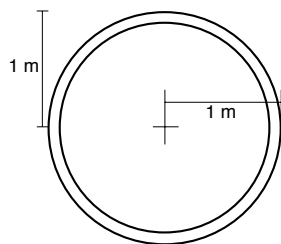
This example shows a horizontal curve. The tracks precisely follow the curved architectural lines.

Ordering details for curved tracks

As well as the required type of track and colour, it is important that customers specify the following information:

Direction of bend

- Horizontal, right or left
- Vertical over track opening (inner opening)
- Vertical over back of track (outer opening)



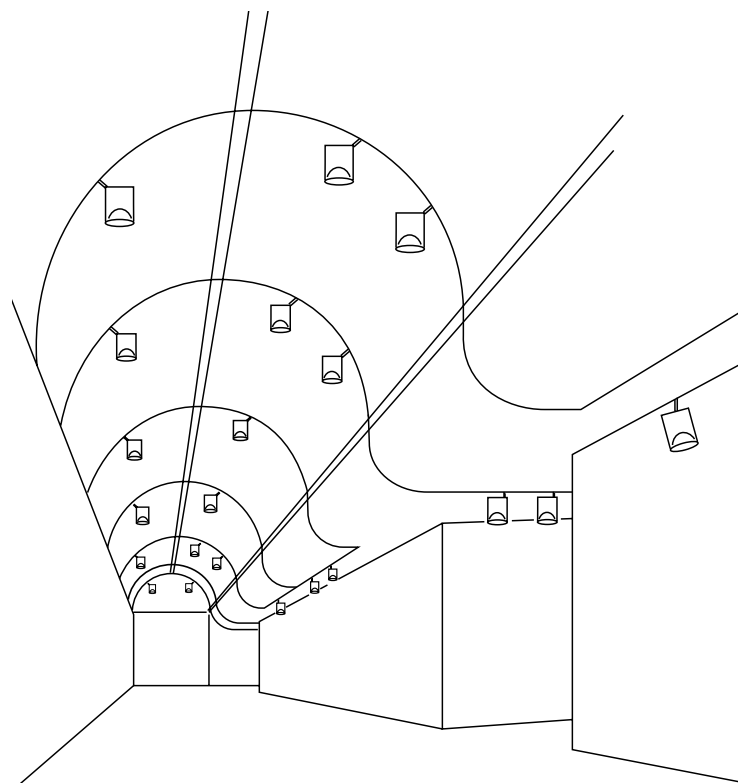
Arc of a circle

- $1/4$, $1/2$, $3/4$ or $1/1$ circle
- Divided circle, angle must be stated

Bending radius

- Minimum 1000 mm

Please always state outer radius as the bending radius. Bending of ellipses or serpentine shapes is only possible using 1:1 templates.



Combined bending in vertical direction over back of the track and track opening.



JOKER – the filigree

JOKER

Deliberate minimalism is the distinctive feature of this spotlight. JOKER'S sense of shape, aesthetics and feeling mean that the filigree spotlight blends into a wide variety of design areas – it is timeless and unaffected by trends in fashion.

The ring used for mechanical retention of the cold-light reflector lamp is a detail that renders additional retaining clips superfluous.



The ring used for mechanical retention of the cold-light reflector lamp is a detail that renders additional retaining clips superfluous.





PRIO QR-CBC

The formal independence of the PRIO spotlight family is emphasised by the visual separation of the spotlight housing and attachment ring.

The adjustable attachment ring offers the following benefits:

- Exact matching to the lamp
- Accommodates interference colour filters, reduction filters or honey-comb mesh

Adjustable spotlight joints also prevent unwanted tilting.

The separation of the housing and attachment ring, a design using high-grade die-cast aluminium and generously sized ventilation openings all ensure optimum thermal economy. Reduced thermal stressing extends the service life of both the lamp and lamp-holder.



PICO 50 – the functional

PICO 50

This is a spotlight that combines several features in a single unit: it is small, elegant and versatile. This makes it a natural choice for commercial use in shop windows and show-rooms, museums and exhibition halls. Three different extension bracket lengths (80, 400 and 800 mm) make it possible to position the spotlight as close as possible to the object to be illuminated.



The covering basket located between attachment ring and lampholder support is a distinctive design feature of the PICO spotlight. This translucent covering basket lends the spotlight its quite special charm. It is also used as a lampholding device and to accommodate glass filters and honeycomb meshes. The short lever allows fine adjustment of the spotlight when it is switched on.



UNO 55 – a classic



UNO 55

A classic among small low-voltage halogen spotlights. UNO 55 is a high-quality tool for universal use in boutiques, shop windows and jewellers' showrooms and for lighting upmarket high-tech products or domestic areas. This spotlight is a completely stand-alone unit and its shape is never obtrusive – it blends in anywhere and complements the overall architectural concept of the room. Accessories such as an oval outline lens, colour filter, reduction filter or honeycomb mesh and alternative extension bracket lengths (80, 400, 800 mm) make UNO 55 a truly versatile low-voltage halogen spotlight.

UNO 55 housing before painting: die-cast aluminium, high-grade surface finish with no joints. Made of a material which is a byword for reliability and long service life.



JOKER • PRIO QR-CBC • PICO 50



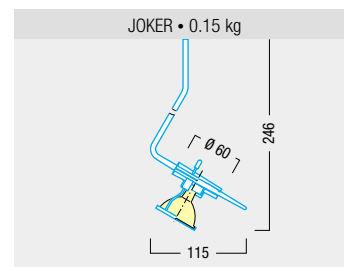
JOKER

- Housing: heat-resistant thermoplastic
- Ring for mechanical retention of cold-light reflector lamp
- Rotates through 360°, swivels through 90°

Lamp(s) fitted
QR-CBC 51/35 W, 50 W

Cat. no.
JOKER LV adapter, titanium
JOKER Multitec, titanium 200 mm
JOKER Multitec, titanium 400 mm

order no.
S7 120 210
S7 120 220
S7 120 230



PRIO QR-CBC

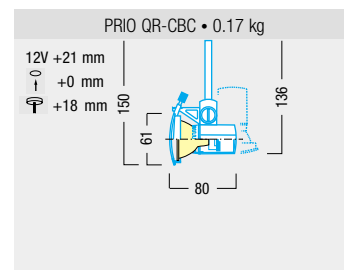
- Housing: die-cast aluminium, electrostatically stove enamelled, with lamp-neck cover
- Attachment ring made of die-cast aluminium, screw-down type; also for accommodating colour filters, reduction filters or honeycomb mesh
- Rotates through 360°, swivels through 90°

Lamp(s) fitted
QR-CBC 51/20 W, 35 W, 50 W

Accessories
see page 13

Cat. no.
PRIO QR-CBC LV adapter, white
PRIO QR-CBC LV adapter, titanium
PRIO QR-CBC Multitec, white
PRIO QR-CBC Multitec, titanium
PRIO QR-CBC surface-mounted, white
PRIO QR-CBC surface-mounted, titanium

order no.
S7 121 140
S7 121 150
S7 121 160
S7 121 170
S7 121 700
S7 121 710



PICO 50

- Housing made of die-cast aluminium
- Ring with covering basket for mechanical retention of cold-light reflector lamp and to accommodate colour filters, reduction filters or honeycomb mesh
- Rotates through 360°, swivels through 90°

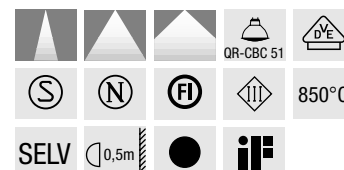
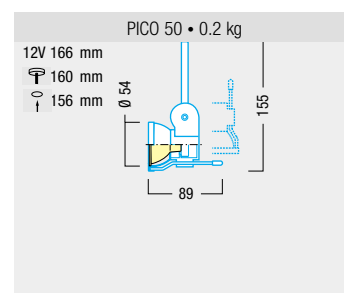
Lamp(s) fitted
QR-CBC 51/35 W, 50 W

Accessories
see page 13

- Extension bracket lengths: 80, 400, 800 mm
- Wall mounting not permissible with extension bracket lengths > 80 mm

Cat. no.
PICO 50 LV adapter, white
PICO 50 surface-mounted, white
PICO 50 Multitec, white 80 mm
PICO 50 Multitec, titanium 80 mm
PICO 50 Multitec, white 400 mm
PICO 50 Multitec, white 800 mm

order no.
S7 107 580
S7 107 620
S7 107 600
S7 121 350
S7 108 090
S7 108 110

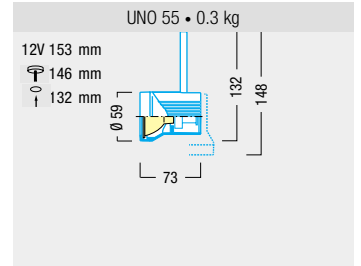




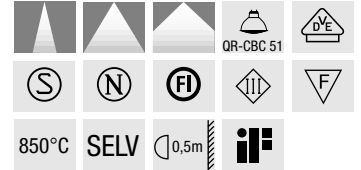
UNO 55

- Housing: die-cast aluminium
- Rotates through 360°, swivels through 90°
- Extension bracket lengths: 80, 400, 800 mm
- Wall mounting not permissible with extension bracket lengths > 80 mm
- Bayonet ring for mechanical retention of cold-light reflector lamps

Lamp(s) fitted	Accessories
QR-CBC 51/35 W, 50 W	see page 13



Cat. no.	order no.
UNO 55 LV adapter, white	S7 105 620
UNO 55 surface-mounted, white	S7 105 630
UNO 55 with Multitec, white 80 mm	S7 106 230
UNO 55 with Multitec, titanium 80 mm	S7 121 360
UNO 55 with Multitec, white 400 mm	S7 106 960
UNO 55 with Multitec, white 800 mm	S7 106 990



Accessories

	UNO 55	PICO 50	PRIO QR-CBC	JOKER
Application notes	Insert in anti-glare ring S7 120 940/950/960	Insert in attachment ring -	Insert in attachment ring -	-
		QR-CB 51 	QR-CB 51/QR-CBC 51 	
Blocking filter				
Protective glass	S0 526 800	S0 526 400		
UVA	S0 526 810	S0 526 410		-
IR/UVA	S0 526 470	S0 526 490		
Interference colour filter				
Blue	S0 526 840	S0 528 540		
Yellow	S0 526 820	S0 528 520		-
Green	S0 526 850	-		
Red	S0 528 800	S0 528 530		
Oval outline	S0 526 860	-		
Honeycomb mesh	S7 000 840	S7 107 710 (w) S7 107 640 (s)	S7 107 640	-
Diameter/mm	Ø 53,5	Ø 50,6		-

w: white frame
s: black frame

Connection options

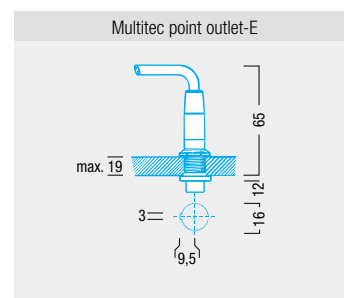


Multitec point outlet-E

- For LV spotlights with plug for the Zumtobel Staff LV Multitec plug-in system
- For installation in ceilings, walls, shelving etc., material thickness up to 19 mm
- Installation: screw fastened from the rear; scope of supply includes installation materials

- Integral moulded-on connecting cable 1000 mm
- Must only be connected to safety transformers

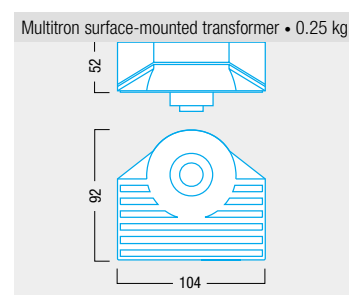
Cat. no.	order no.
Multitec point outlet-E, white	S2 802 470
Multitec point outlet-E, matt black	S2 802 480



Multitron surface-mounted transformer

- For technical description see: Multitron adapter transformer
- With on/off rocker switch
- For wall and ceiling mounting

Cat. no.	order no.
Multitron surface-mounted transformer, white	S7 108 730
Multitron surface-mounted transformer, matt black	S7 108 740

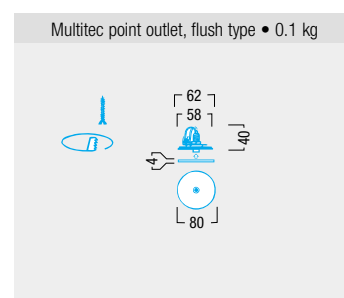


Multitec point outlet, flush type

- For LV spotlights with plug for the Zumtobel Staff LV Multitec plug-in system
- For installation in any conventional flush-type or cavity-type socket having an inside diameter of 55 mm and 60 mm distance between hole centres

- Electrical connection: 2-pole terminal strip
- Must only be connected to safety transformers

Cat. no.	order no.
Multitec point outlet, flush type, white	S2 802 520

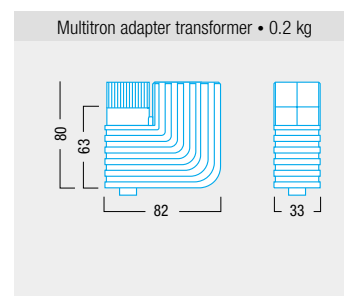


Multitron adapter transformer

- Housing: thermoplastic
- Mains voltage: 230 V
- For 12 V halogen incandescent lamps, switchable (20 W/50 W)
- Electronic safety transformer with rotary potentiometer
- Overtemperature protection: if the ambient temperature is too high, power output and hence brightness of lamp is reduced

- LED indicates operation of transformer
- For LV spotlights with plug for the Zumtobel Staff LV Multitec plug-in system
- Externally dimmable only using dimmer for electronic transformers
- Cannot be used in single-phase point outlet S2 802 510
- Special version: with 3-phase universal adapter

Cat. no.	order no.
Multitron adapter transformer, 3-phase, white	S7 107 920
Multitron adapter transformer, 3-phase, matt black	S7 107 930
Multitron adapter transformer, 3-phase, titanium	S7 120 970
Multitron adapter transformer, single-phase, white	S7 107 940
Multitron adapter transformer, single-phase, matt black	S7 107 950
Multitron adapter transformer, single-phase, titanium	S7 120 980



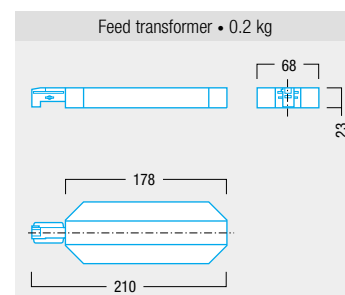
Connection options



105 VA feed transformer for Zumtobel Staff low-voltage tracks

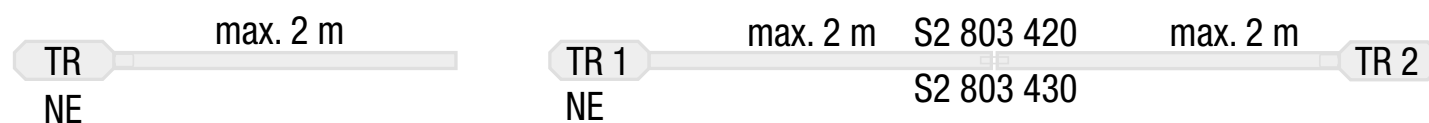
- LV connector with built-in electronic transformer for front-end feed of Zumtobel Staff LV tracks
- For 12 V halogen incandescent lamps
- Mains voltage: 230 V-240 V / 50 Hz-60 Hz

- For lamp output 20–105 W
- Dimmable only using dimmer for electronic transformers
- Connection on primary side: 2-pole terminal strip



Cat. no.	order no.
Feed transformer, white	S2 803 360
Feed transformer, matt black	S2 803 370
Feed transformer, titanium	S2 803 440

Accessories	order no.
Connector without electrical contacts, white	S2 803 420
Connector without electrical contacts, matt black	S2 803 430



TR = transformer
NE = electric feed

NE connection from TR 1 to TR 2 via HO 3 cable
(laid in track section at the back).

The 105 VA feed transformer for Zumtobel Staff low-voltage tracks is designed for a lamp output of 20–105 W and a maximum track length of 2 m. This capacity can be doubled by using a 2 m track with both tracks being mechanically joined

by a straight connector without any electrical contacts. The second track is powered via a second 105 VA feed transformer.