

JB LIGHTING

P10

330 W PROFILE

with framing module

The compact, enormously powerful and versatile top performer!



Output
15,000
lumen

Zoom
4°-60°
(1:15)

only
29 dB(A)
extremely
quiet

only
18 kg
weight

330 W
white light
LED

Made in
GERMANY

...JUST BRILLIANT

The P10 Profile is at home everywhere!

With 330 watts of LED power, the P10 is the perfect size to feel at home on any stage. It's extremely handy, luminous and always keeps its cool. You can simply rely on our P10 Profile. It always works as precisely and quietly as possible. It doesn't matter whether the framing module is used or in which zoom range, e. g. from 4° to 60°, its presence is required.

Thanks to its low weight of only 18 kg and its compact dimensions, it can be easily carried and installed in the rig by one person. The additional carrying handles on the arms of the P10 are definitely an advantage in this case. Naturally, the P10 Profile also feels right at home in a permanent installation like a theatre or TV studio. As you can see, the P10 Profile has everything that many specialists in our industry have long wanted from a profile spot of this size and performance class.

The features of the P10 Profile get every lighting expert excited:

- Zoom range 4°–60° (1:15)
- Framing module (rotatable by +/- 65°) with 4 blades, each blade rotatable by +/- 30°
- CMY color mixing
- Color wheel with 5 colors + High CRI filter + CTB
- 2 gobo wheels each with 7 rotating gobos
- 2 infinitely adjustable frost filters
- 3-facet prism circular
- Sparkle effect
- Infinitely adjustable high-speed iris
- Large light-emitting lens, 135 mm
- 4 carrying handles for easy handling
- Ultra-quiet 29 dB(A)
- Graphic display, electronically rotatable and with a battery backup
- Flicker-free operation, camera mode: 100 | 120 | 600 Hz and 3 kHz

In addition, the P10 Profile HP (High Power) features:

- Variable CTO (linear) + CTO

Additional for P10 Profile HC (High CRI):

- Variable CTO (linear) + CTO

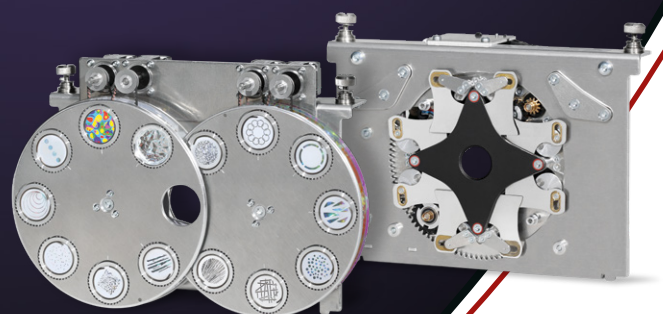
Additional for P10 Profile WW (Warm White):

- Variable CTB (linear) + CTB



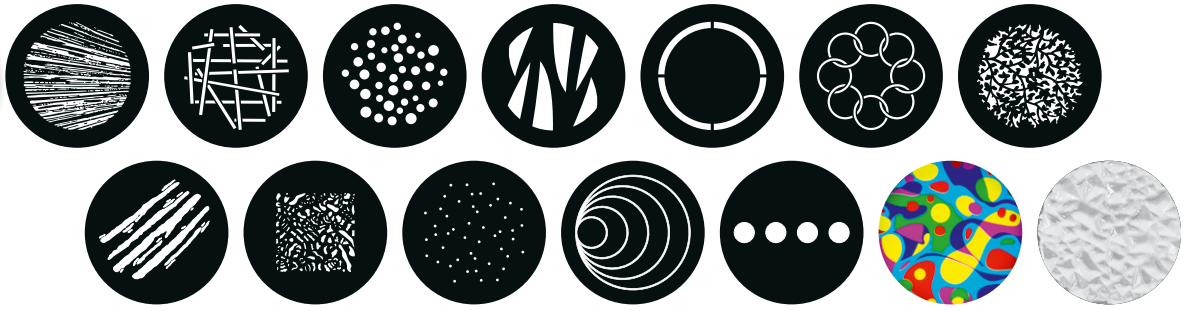
JB SLIDE-IN TECHNOLOGY

Cleaning and gobo changing are easy. All slide-ins can be removed without tools or manual cable disconnection.



Find more information at: www.jb-lighting.de

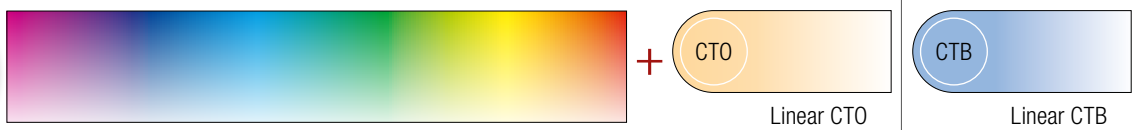
14
rotating
gobos



5
brilliant
colors



CMY
+ variable
CT filters



P10 PROFILE SPECIFICATIONS

Overview of light colors and features



P10 **HP**



P10 **HC**



P10 **WW**

Specification:	HP – High Power	HC – High CRI	WW – Warm White
Color temperature:	6800 K	5800 K	3200 K
Luminosity:	25.000 lm (15.000 lm Output)	16.000 lm (10.000 lm Output)	12.000 lm (8.000 lm Output)
CRI:	≥70 (with CRI filter ≥90)	≥90	≥92
Correction filter:	linear CTO 6800 K to 3200 K	linear CTO 5700 K to 2700 K	linear CTB 3200 K to 5000 K
Usage:	Maximum luminous intensity for optimal illumination even from a great distance	Maximum light quality for optimal color reproduction with the best luminosity	Maximum comparability with conventional halogen lamps

ZOOM RANGE: 4° – 60° (1:15)

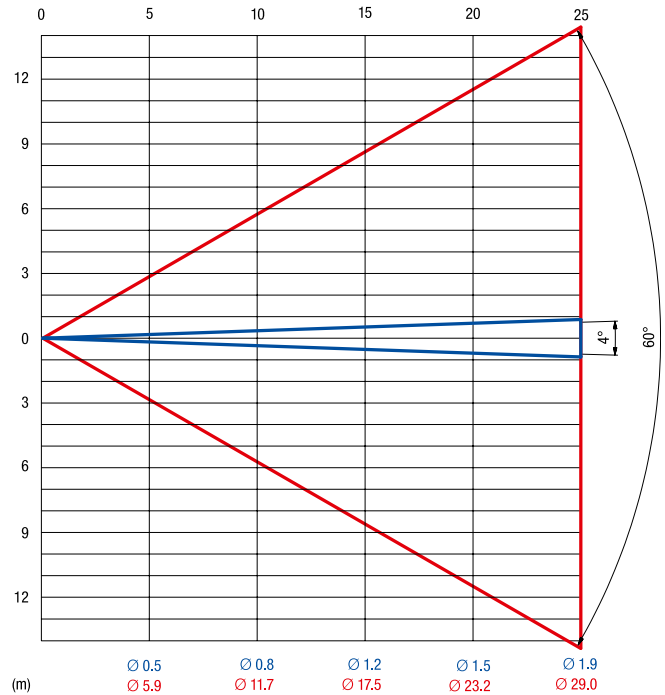
With the P10 Profile, very sharp and homogeneous beams of 4° to max. 60° can be realised, and these can be selectively blurred using a frost filter, e.g. for wash applications.



Minimum zoom: 4°

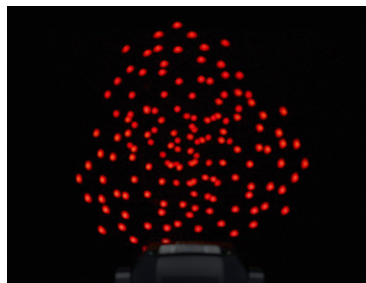


Maximum zoom: 60°



3-FACET PRISM & FROST FILTER

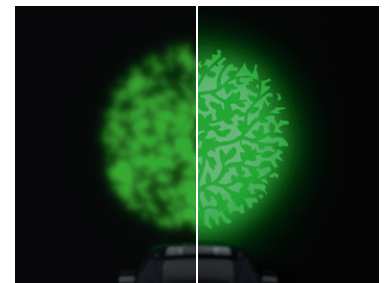
With the help of the prism, the gobos can be projected three times. The resulting patterns can be rotated at different speeds and further distorted with frost and zoom, for example.



3-facet prism with dots gobo



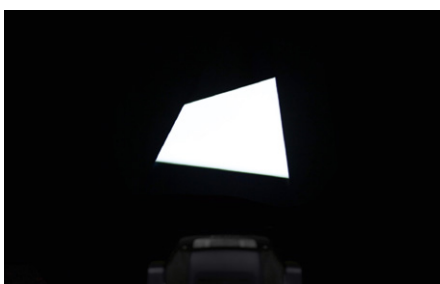
Prism and dots gobo in rotation



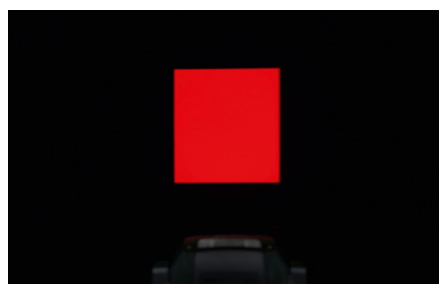
Soft edge with 100% Flood frost with 70%

P10 PROFILE SPECIAL FEATURE: FRAMING MODULE

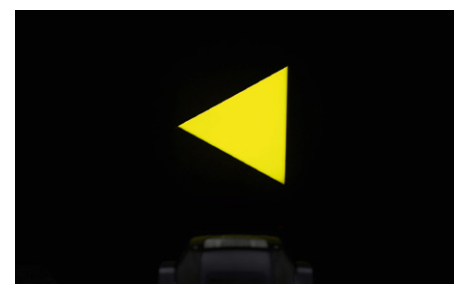
The P10 Profile is a very compact and quiet moving light equipped with a framing module. The framing module itself can be continuously turned by 130° (+/- 65°). In addition, each of the four blades can individually be angled to the degree (+/- 30°) and inserted precisely. This allows a variety of geometric shapes to be created very quickly for targeted shading, regardless of the shading angle. Of course, the aperture slider can also be combined with a frost filter if required.



Each individual blade can be continuously rotated (+/- 30°) and freely positioned



The four blades can be positioned precisely parallel or at right angles to each other



The framing module can be continuously rotated +/- 65° and combined with the frost filters

PHOTOMETRIC DATA

P10 



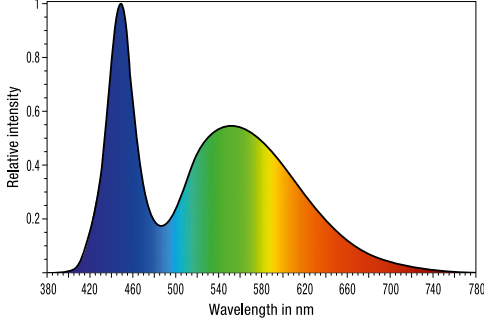
P10 



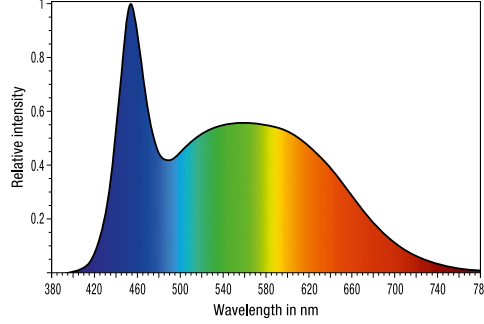
P10 



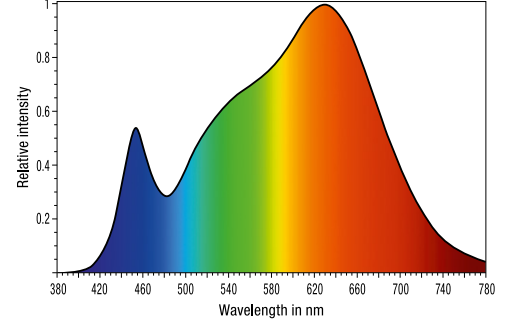
RELATIVE SPECTRAL DISTRIBUTION



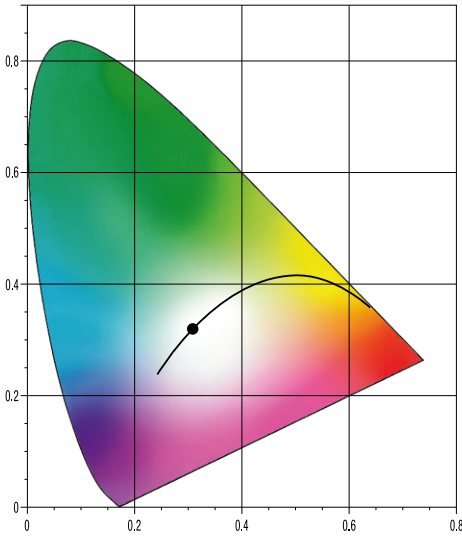
RELATIVE SPECTRAL DISTRIBUTION



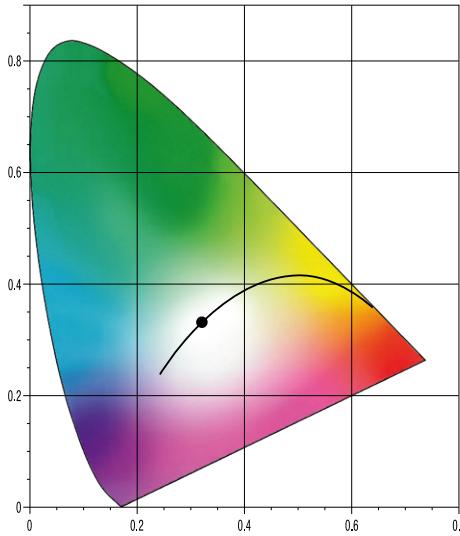
RELATIVE SPECTRAL DISTRIBUTION



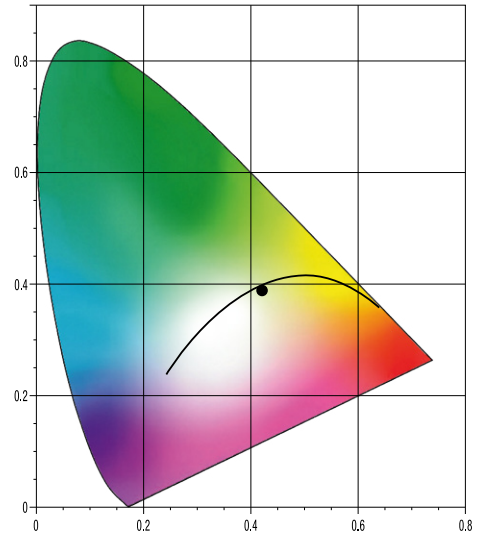
CHROMATICITY COORDINATES X,Y CIE 1931



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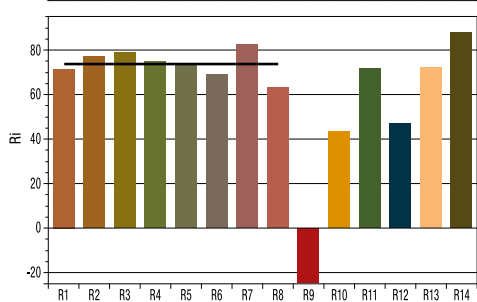


CHROMATICITY COORDINATES X,Y CIE 1931



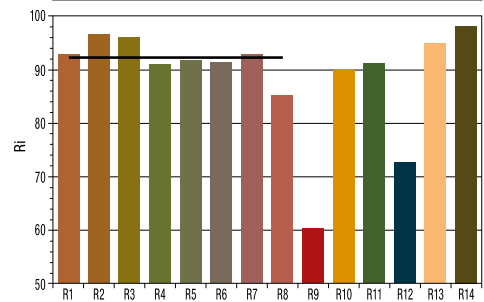
COLOR REPRODUCTION – CRI

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉	R ₁₀	R ₁₁	R ₁₂	R ₁₃	R ₁₄	
73.8	71.5	77.0	78.7	74.9	73.1	68.8	82.7	63.4	-24.2	43.4	71.8	47.0	72.1	88.0



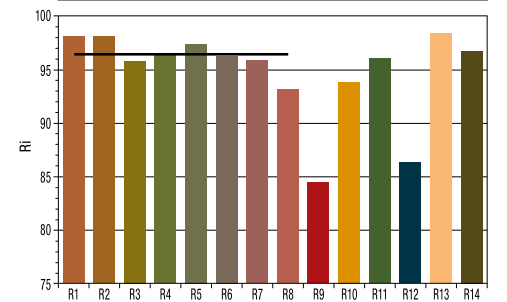
COLOR REPRODUCTION – CRI

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉	R ₁₀	R ₁₁	R ₁₂	R ₁₃	R ₁₄	
92.2	92.8	96.6	96.2	91.0	91.7	91.4	92.8	85.2	60.3	90.0	91.1	72.8	94.9	98.3



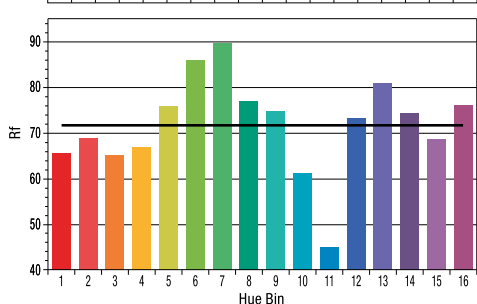
COLOR REPRODUCTION – CRI

R ₁	R ₂	R ₃	R ₄	R ₅	R ₆	R ₇	R ₈	R ₉	R ₁₀	R ₁₁	R ₁₂	R ₁₃	R ₁₄	
96.4	98.1	98.1	95.8	96.5	97.4	96.3	95.9	93.2	84.4	93.9	96.1	86.3	98.4	96.3



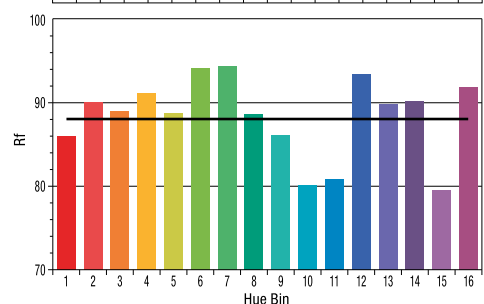
COLOR REPRODUCTION – TM-30-15

R ₁	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	R ₆
71.7	65.6	68.9	65.2	66.9	75.9	86.0	89.8	77.1	74.8	61.3	45.1	73.4	81.0	74.4	68.7	76.2	93.8



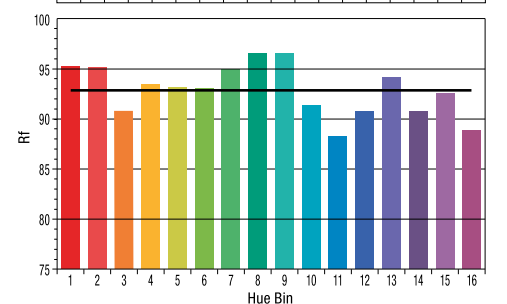
COLOR REPRODUCTION – TM-30-15

R ₁	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	R ₆
88.0	85.9	90.1	88.9	91.1	88.7	94.1	94.4	88.5	86.1	80.2	80.9	93.4	89.8	90.2	79.5	91.8	98.1



COLOR REPRODUCTION – TM-30-15

R ₁	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	R ₆
92.9	95.3	95.1	90.7	93.3	93.0	93.1	94.9	96.5	96.5	91.3	88.2	90.7	94.1	90.7	92.5	88.8	102.7



Technical specifications:

Optics and light source

- 330 W white light LED module
 - HP (High Power): 6800 K; 25,000 lm (15,000 lm Output); CRI \geq 70
 - HC (High CRI): 5800 K; 16,000 lm (10,000 lm Output); CRI \geq 90
 - WW (Warm White): 3200 K; 12,000 lm (8,000 lm Output); CRI \geq 92
- Zoom range: 4° – 60° (1:15)
- Large light-emitting lens \varnothing 135 mm
- > 20,000 h life time
- Flicker-free operation, camera mode: 100, 120, 600 Hz and 3 kHz

Effects

- 2 gobo wheels each with 7 rotatable, interchangeable and positionable gobos including multicolor gobo + open
- 1 color wheel with 5 full or half colors + 2 correction filters:
 - High CRI filter (CRI \geq 90) + CTB filter + open
- P10 HP and P10 HC: variable CTO (linear) + 100% CTO
- P10 WW: variable CTB (linear) + 100% CTB
- CMY color mixing unit for rapid, even color mixing
- CTB filter for automatic color correction with gobo application
- Framing module with 4 blades – each with separate motion and rotation control, the module can be rotated by 130° (+/- 65°), each blade independently by +/- 30°
- 2 frost filters (soft edge 1° and flood frost 5°), continuously variable – optional further frost stages possible
- 3-facet prism circular, rotatable and indexable
- Motorised, infinitely adjustable high-speed iris with 16 fins
- Electronic dimmer 0% –100%
- Electronic shutter with pre-programmed pulse and ramp functions
- Sparkle effect
- Focus system with auto-focus function

Movement

- High-resolution, powerful 3-phase stepper motors
- Precise, very fast and silent movements
- 540° Pan / 280° Tilt

Control and programming

- USITT DMX-512, RDM
- Ethernet interface with Art-Net and sACN
- Wireless DMX / RDM Lumen Radio CRMX TiMo
- Mini USB-for software update
- LCD display with function keys and battery buffer, electronically rotatable
- Stand-alone mode, Master/Slave function
- Error analysis and DMX analysis

Construction

- Original JB-Lighting slide-in module technology
- Robust, roadworthy design with 4 carrying handles
- Pan/Tilt transport lock
- Fan control for almost noiseless operation, 29 dB(A)
- Neutrik 5pol XLR IN/OUT
- Neutrik etherCON IN/OUT
- Neutrik powerCON TRUE1 IN/OUT

Rigging

- 2 Omega brackets with Original Camloc® fasteners for quick and convenient installation, with four different fastening options

Elektrical spezifikation

- Maximum power consumption 490 VA
- Input voltage range 100V–240V, 50/60 Hz

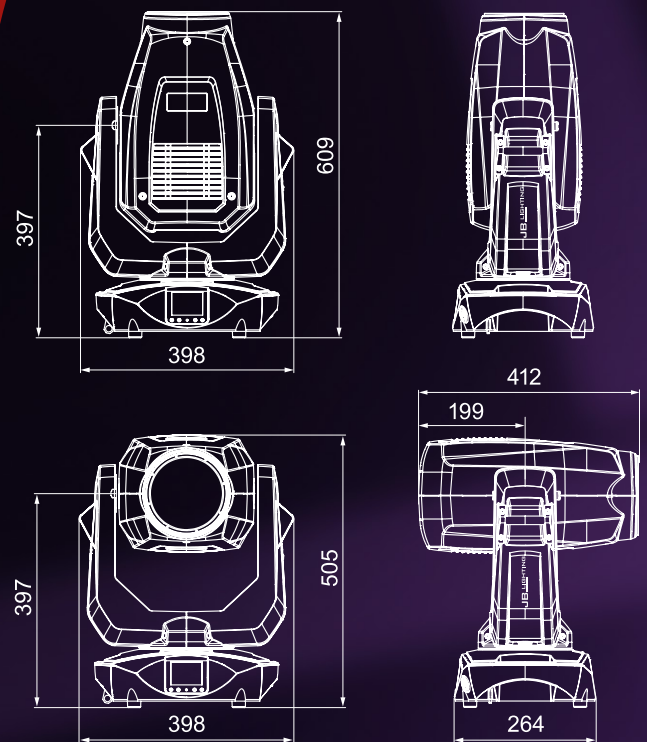
Mechanical spezifikation

- Dimensions: W 398 x H 609 x D 264 mm
- Weight: 18 kg

Scope of delivery

- Schuko on powerCON TRUE1, flexible rubber cable (2m long, 3x1.5 mm²)
- 2 Omega brackets

Dimensions:



+ Accessories:

- **AMPTOWN double** (Code CASE40)
 - with SiP foam inlet, stacking troughs and a scan window
 - Dimensions: W 60 x D 60 x H 82 cm
 - Weight without (incl. fixtures): approx. 40 (76) kg
- **AMPTOWN 4-compartment** (Code CASE41)
 - with SiP foam inlet, stacking troughs and a scan window
 - Dimensions: W 117 x D 60 x H 82 cm
 - Weight without (incl. fixtures): approx. 70 (142) kg



JB LIGHTING

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