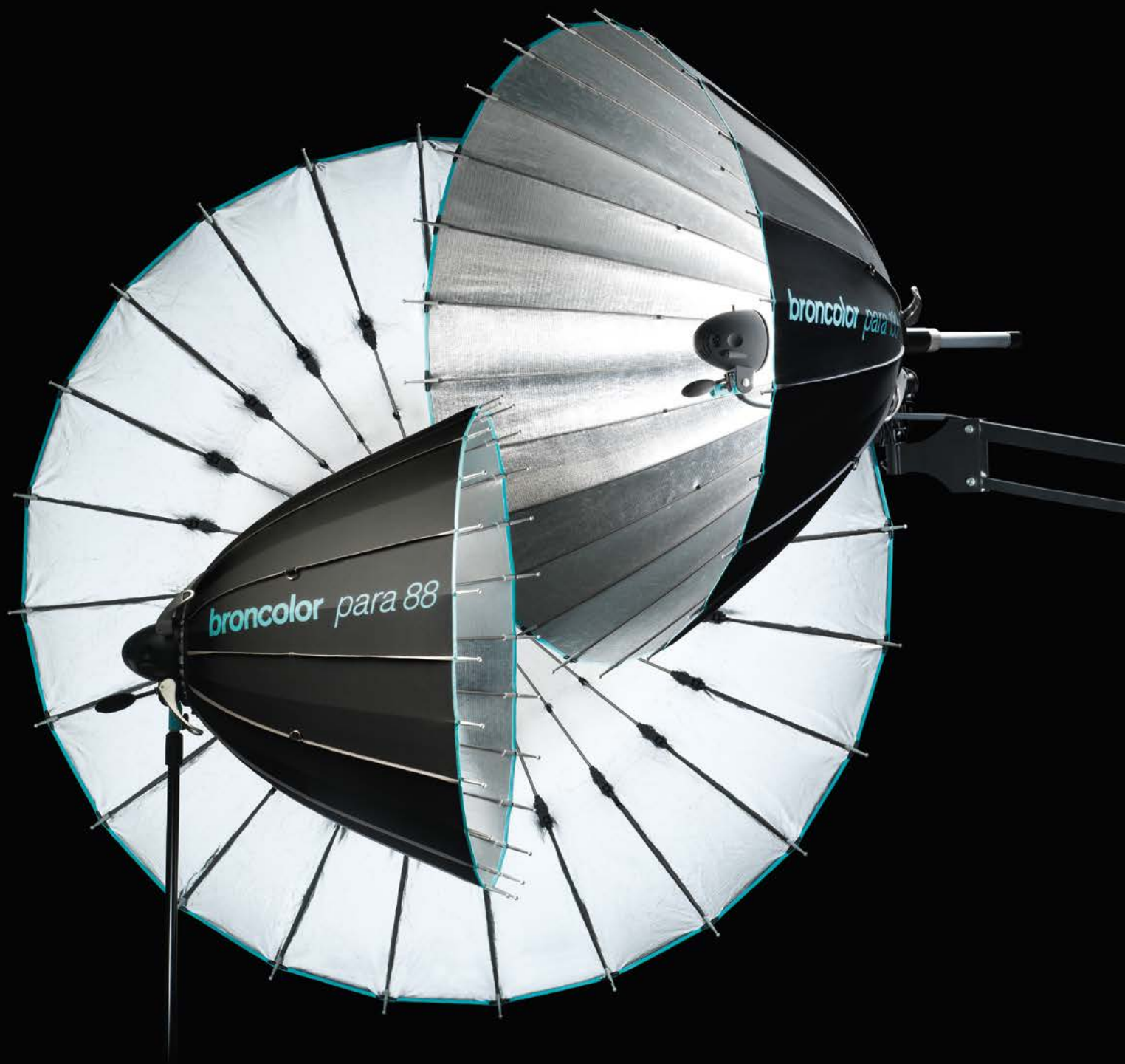


Para Focus on 3D



The Para system

A light sets the tone

A Para never ceases to impress! There is no other light that gives bodies, faces and products so much volume and plasticity. No other light is so soft and yet allows skin to glow so wonderfully naturally. The broncolor Paras are the most flexible lighting system ever! Whether as a powerful spot, a soft cloud of light, fitted with diffusers or honeycomb grids or used with flash or continuous light - you get exactly the light that you want. Always. Everywhere.

The most important parameter in the light design with the Para is the option of focussing or positioning of the lamp head within the reflector. In the focused position, the light source is located just at the apex of the parabola. In this state, the light is highly directional and has a spot-like character with high contrast, as only little bounced light from within the studio lightens the shadows.

Thanks to the large diameter of the Paras, the light never seems too harsh.

If you defocus a Para, you move the light towards the reflector opening: With this setting, you not only get a great spot, but rather 24 small and hard lights, softly arranged, which result in a fabulously beautiful light cloud that envelopes everything; softly

lit, yet still emphasising the structure of the object (e.g. skin). As the light radiates forward from the optical axis, the representation of each object is extremely plastic and three-dimensional. It is particularly this quality of the Paras, with their structured reflector material, which distinguishes them from other giant light shapers that make the light seem much more uniform and flat.





The type of construction

Set up in no time!

Regardless of the diameter, all Paras have 24 reflector segments that help to provide the near perfect parabolic shape which is needed for optimum and variable light design.

All the sizes have a long focus length in common which allows the light to be varied between almost parallel (focussed) to extremely scattered (defocused).

The Paras 177, 222 and 330FB can be easily, and without great effort, set up by means of a crank handle mechanism. The rods are

also provided with joints that allow the Paras to collapse and shorten to half the usual length for transporting.

For Paras 88 and 133 – the mobile, small Paras – broncolor has developed a special, patented opening mechanism. Just two quick hand movements on the four clamping brackets allow the Paras to be set up in seconds. As a further highlight, they can also be mounted directly without the focusing device as reflectors for other broncolor lamp heads.

As well as their opening mechanism, the two smaller Paras also differ from their big brothers in the reflector material. Due to their smaller size, broncolor deliberately uses a slightly textured reflector material so as to ensure that the light is not too aggressive.

All the models have very light, yet sturdy materials in common. Whilst the main structure is made primarily of aluminium, the rods are made of fibre glass or carbon fibre – titanium alloy for the small Paras. Technology normally reserved for motorsport!



The five big ones

The application determines the size

When selecting the size of the Para to be used, the application should first be considered:

Whilst a Para 330 FB is usually placed in a large studio, the smaller ones are designed to be used on location due to their quick set-up mechanisms.

If the distance to the object or the model remains in a constant ratio to the diameter, then the various Paras will also achieve very similar light characteristics.

The large reflectors have a definite advantage when the unique-

ness of the Para light-quality is also desired at a greater distance away from the model.



The light sources

Open à la carte system

Thanks to the different adapters, broncolor Paras can be used by both photographers and video film makers from all areas.

The Paras are easy to operate with flash and continuous light from a variety of manufacturers.

Thus, for example, adapters are not only available for broncolor flash lights and the HMI, but the continuous light sources of K5600 and Profoto can also be installed. Finally, there is also a universal adapter with a standard tripod bolt which allows the

majority of commercially available lights to be used.

The enormously high light yield of a Para can be the deciding factor, particularly in the use of continuous light!

Variable accessories

Diffusers and honeycomb grids

When you wish or like to work with a softer light, broncolor offers three diffusers for all Para diameters:

Diffuser 1 is an almost completely transparent fabric. Only a small portion of the light is scattered, the dominance of reflections is reduced and the

light is thus somewhat finer but still “typical Para”. Diffuser 3 is made of an opaque fabric. The light of the Para is then similar to that of a large, round softbox, but largely at the sacrifice of the Para’s properties described in the section focus/light. The optical density of diffuser 2 lies between that of numbers 1 and 3. Due to

the almost perfect parabolic form, the light leaves the Para almost parallel, i.e. the centre of the lighting is not much larger than the diameter of the respective Para when the lamp head is located at the apex (focused). If this spot effect needs to be intensified, textile honeycomb grids can be mounted on all the Paras.



Damien Krisl - Beauty shoot in Paris: “Everything from one source – photograph series and video”

For beauty and fashion photography, the first question is always whether to light the model hard or soft. Hard light gives the model a higher contrast and more beautiful shining spots. Soft light is finer and has superior, softer gradients and shadows that are a crucial requirement for close-ups of female models.

Since I have started working with the Para, this is a decision I no longer have to make. The “oversize screen” has a lot more blades than a standard screen, which solves the moving around of light from the bright to dark places much more elegantly and precisely. We see no ugly shadows

on the nose or by the eye sockets and yet the result still has a high contrast. Each time after the pre-light, I am amazed at how beautifully the Para has three-dimensionally modelled the face or body!

The areas of film and photography are increasingly flowing together. The EOS digital cameras with photo and video modes have made a great step in this direction. The market and indeed the budgets need creative producers who can supply a video to the images, or who can shoot stills with the spot/commercial which has just been filmed, and this often within the shortest possible time! Indeed, it is often required

that the photos and the clip have the same look.

To order and assemble a separate film light set in addition to the flash set-up is very expensive and time-consuming. Furthermore, the film lights often do not have the precise light shapers. broncolor offers not only the right light shaper, but also a system specifically adapted to our requirements, in which the flash heads can be quickly exchanged into the same size, silent and powerful HMIs. With the broncolor 800W HMI, almost every lighting situation for film shoots can be lit by one person in the studio.





Tim Lüdin and the Piano: “The Para 222 is a giant among lights”

I was asked to shoot a cover for the new album entitled “The Art is Piano” by the artist, Seven. In the new album, Seven sings unplugged as it were, accompanied only by the piano. The cover therefore definitely had to feature a piano, coupled with an unusual location. We decided on what was for us an extreme location on a glacier: The Grimsel Pass, at an altitude of over 2100 metres in the Swiss Alps, seemed to us to be an ideal location for this project.

In such unusual locations, I must be able to rely 100% on my equipment and I was therefore even

more curious to see whether the broncolor products would be able to deliver what they promised! I was delighted, straight away!

The new Para 222 convinces, above all, with its fast assembly time. Despite its size, it is very compact and can be built-up quickly.

The weather changed constantly during the shoot - sun, clouds and mist gave their all to make the shoot a real challenge! The wind worried us a little, too. However, despite the large surface area of the Para 222, it remained in its place without any problems,

weighed down only by a few sandbags.

With the Para, I can change the contrast on the focusing rod within seconds. Just the thing in these chaotically-changing weather conditions! From super soft to crispy hard - everything is possible with only one movement of the hand! I don't know of any other light shaper which can do that!

This special Para light is unique. Particularly on location, it gives you so many options to stand up to the elements – a giant among lights in the most positive sense!





Fabio Gloor – Fashion and glamour: “Three-dimensionality with the shine effect”

The job was entitled “Glamour”, a studio picture on a black background. For me, the question arose: What makes an image glamorous?

Glamour refers to the overall charisma of a person and cannot be determined by individual elements. The hair has beautiful volume, the make-up is perfect and the styling has to be right, too. Finally everything has to be moved into the perfect light.

A star steps onto the stage. The wind blows through his/her hair. A shimmer of light gives the skin

and hair a wonderful shine. This was the mood I wanted to create for the image and it was the broncolor Para system that came to mind. With a Para, I have the ability to be very flexible with the light. I can defocus it, focus, work with diffusers and direct the light with a honeycomb grid. There is hardly a light situation I cannot do well with a Para - and all in no time!

The shape and texture of the Paras allows me to conjure up three-dimensionality to the image as no other light shaper can. It is precisely this that I need for my

glamorous image. The person is perfectly modelled and the skin gets the desired glow. However, the Para is not only suited to being the main light, it also provides numerous opportunities as an effect light and gives the hair a wonderful shine, without the structure getting lost.

The light quality has again improved with the new Para system. The material has been completely revised and the light source is now perfectly in the focal point. I would not want to be without the Para on my shootings now!





POWER PACKS



Senso 1200
31.050.XX
Senso 2400
31.051.XX



Scoro S 1600 RFS
31.041.XX
Scoro S 1600 RFS 2
31.044.XX
Scoro S 3200 RFS
31.043.XX
Scoro S 3200 RFS 2
31.045.XX



Scoro E 1600 RFS
31.060.XX
Scoro E 1600 RFS 2
31.062.XX
Scoro E 3200 RFS
31.061.XX
Scoro E 3200 RFS 2
31.063.XX

BATTERY POWER PACK



Move 1200 L
31.016.XX

LAMPS



Pulso G
32.115.XX 1600 J
Pulso G
32.116.XX 3200 J



Unilite
32.113.XX 1600 J
Unilite
32.114.XX 3200 J



Pulso Twin
32.117.XX



Picolite
small lamp
32.021.XX



Litos
32.030.XX



MobiLED
32.013.00

Only MobiLED and Litos reflectors are included

MONOLIGHTS



Minicom 160 / RFS
31.474.XX / 31.473.XX



Minicom 40 / RFS
31.405.XX / 31.406.XX



Minicom 80 / RFS
31.415.XX / 31.416.XX

Reflectors are not included

REFLECTORS AND ATTACHMENTS



Standard reflector P65
33.106.00
Standard reflector P70
33.107.00



P-Travel reflector
33.103.00



PAR reflector
33.113.00



UV attachment
33.626.00



Power reflector
for Ringflash C
33.125.00



Beauty reflector
for Ringflash C
33.124.00



Soft reflector
for Ringflash C
33.123.00



Narrow angle reflector P45
33.104.00
Narrow angle reflector P50
33.105.00



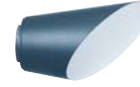
Softlight reflector P
33.110.00



Beauty Dish
with textile diffuser
33.111.00



Wide angle
reflector P120
33.112.00



Background
reflector
33.114.00



Spot attachment
33.640.00



Conical snoot
33.120.00

SPECIAL REFLECTORS



Mini-Satellite
33.152.00
Satellite Staro
33.151.00



Para 88 reflector
33.482.00
Para 88 P kit
33.483.00



Para 133 reflector
33.550.00
Para 133 P kit
33.550.01



Para 177 P kit
33.551.00



Para 222 P kit
33.552.00



Para 330 FB
33.486.00

Stative und Leuchten
nicht inbegriffen

SPECIAL ACCESSORIES



Transmitter RFS
36.130.00



RFS 2.1 Transmitter kit
33.133.00



Transceiver RFS
36.131.00



RFS 2.1 Receiver kit
33.134.00



Infrared
transmitter IRX 2
36.116.00



RFS 2.1 Transmitter/
Receiver kit
36.135.00



Hot Shoe
Adapter 2 in 1
36.137.00

HMI BALLAST UNITS



HMI 200
41.103.XX
HMI 400.575.800
41.102.XX

HMI CONTINUOUS LIGHT



F200 lamp 42.105.00
F400 lamp 42.106.00
F575.800 lamp 42.104.00

HMI REFLECTORS



Open Face reflector for HMI F200 43.104.00
Open Face reflector for HMI F400 43.105.00
PAR reflector for HMI F575.800 43.103.55 (5500 K)
43.103.59 (5900 K)

HMI LIGHT SHAPER



Litepipe for HMI F400 43.118.00

EFFECT LAMPS



Ringflash C 32.462.XX Ringflash P 32.462.XX
Hazylight-Soft 33.513.00
Balloon 33.161.00
Picobox 33.128.00
Boxlite 40 32.341.XX
Lightbar 120 Evolution 32.353.XX
Lightbar 60 Evolution 32.351.XX
Striplite 120 Evolution 32.303.XX
Striplite 60 Evolution 32.301.XX
Litestick 32.451.00
Pulso-Spot 4 32.425.XX
broncolor Floorer 32.431.00

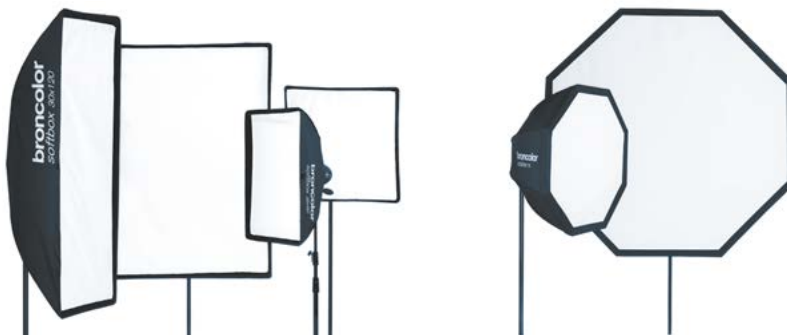


Optical snoot 150 mm for Pulso-Spot 4 5500K: 33.620.55
5900K: 33.620.59
Pulso adapter for Picolite 33.501.00
Projection attachment for Picolite 33.641.00
Barn door with 4 wings 33.246.00 for P65, P45 and PAR
33.247.00 for P70
Barn door with 4 wings for Picolite 33.244.00
Honeycomb grids, set of 3 pcs. 33.219.00 for Ringflash C
33.189.00 for Power reflector



Attachment with 3 honeycomb grids and 2 aperture masks for Picolite 33.204.00
Fresnel spot attachment for Picolite 33.631.00
Barn door with 2 wings for P70 33.227.00
Sunlite-Set 33.162.00
Honeycomb grids, set of 3 pcs. 33.205.00 for P50
33.206.00 for P65, P45 and PAR
33.211.00 extra narrow for P65, P45 and PAR (1 pce)
33.207.00 for P70

SOFTBOXES AND OCTABOXES



Softbox
33.560.00 035 × 60 cm [1,1 × 2"]
33.561.00 060 × 60 cm [2 × 2"]
33.562.00 060 × 100 cm [2 × 3,3"]
33.563.00 100 × 100 cm [3,3 × 3,3"]
33.564.00 030 × 120 cm [1 × 3,9"]
33.565.00 090 × 120 cm [3 × 3,9"]
33.566.00 120 × 180 cm [3,9 × 5,9"]
33.567.00 030 × 180 cm [1 × 5,9"]

Octabox
33.600.00 Ø 75 cm [2,5"]
33.601.00 Ø 150 cm [4,9"]

Adapter ring and stands are not included

UMBRELLAS



33.496.00 Umbrella reflector
33.570.00 Silver Ø 105 cm [3,4"]
33.571.00 White Ø 105 cm [3,4"]
33.572.00 Transparent Ø 105 cm [3,4"]
33.573.00 White Ø 85 cm [2,8"]
33.574.00 Silver Ø 85 cm [2,8"]
33.575.00 Transparent Ø 85 cm [2,8"]


Technical Data	Para 88 reflector 33.482.00	Para 88 P* kit 33.483.00 Para 88 D* kit 33.483.01	Para 133 reflector 33.550.00	Para 133 P* kit 33.550.01 Para 133 D* kit 33.550.02	Para 177 P* kit 33.551.00 Para 177 D* kit 33.551.01 Para 177 without adapter 33.551.02	Para 222 P* kit 33.552.00 Para 222 D* kit 33.552.01 Para 222 without adapter 33.552.02	Para 330 FB 33.486.00
Allowed max. energy	3200 J	3200 J	3200 J	3200 J	3200 J	3200 J	3200 J
Allowed max. power continuous light	650 W	650 W	800 W	800 W	1600 W	1600 W	not allowed
F-stop at 2m/ 6 1/2 ft (10m/ 33 ft) distanced	64 ^{9/10} (22 ^{8/10})	90 (22)	64 ^{9/10} (22 ^{8/10})	90 ^{4/10} (22 ^{8/10})	128 ^{3/10} (45 ^{5/10})	128 ^{3/10} (45 ^{5/10})	90 ^{8/10} (32 ^{9/10})
Inside coating	silver	silver	silver	silver	silver	silver	silver
Dimensions/ diameter (without stand)	open Ø 85x64 cm (34x24") close Ø 20x83 cm (8x33")	open Ø 85x107 cm (33x42") close Ø 32x107 cm (13x42")	open Ø 77x120 cm (30x47") close Ø 102x20 cm (40x8")	open Ø 88x120 cm (35x47") close Ø 112x32 cm (44x13")	open Ø 170x95 cm (77x37") close Ø 40x95 cm (16x37")	open Ø 220x115 cm (87x45") close Ø 40x115 cm (16x45")	open Ø 330x240cm (130x95") close Ø 32x160 cm (13x63")
Weight	2.5 kg (5.5 lbs) without case	5.2 kg (11.5 lbs) without case	2.6 kg (5.7 lbs)	6.5 kg (14.3 lbs)	9.5 kg (21 lbs)	11.5 kg (25 lbs)	12.1 kg (27 lbs)
Scope of delivery	case Big bag	focussing system, adapter, case	case Big bag	focussing system, adapter, case	adapter	adapter	suspension ropes (without bag)

Accessories


Diffuser 1 (- 1/2 f-stop)	33.472.00	33.472.00	33.293.00	33.293.00	33.287.00	33.290.00	33.469.00
Diffuser 2 (- 1 f-stop)	33.473.00	33.473.00	33.294.00	33.294.00	33.288.00	33.291.00	33.470.00
Diffuser 3 (- 1 1/2 f-stop)	33.474.00	33.474.00	33.295.00	33.295.00	33.289.00	33.292.00	33.471.00
Light grid	33.221.00	33.221.00	33.232.00	33.232.00	33.230.00	33.231.00	not available

* **P kit** (for flashlight) including adapter P | **D kit** (for continuous light) including adapter D | **neutral option** without adapter


ACCESSORIES




Adapter P
33.489.00




Adapter D
33.489.01




Focussing system for Para 88
33.488.02




Focussing system for Para 133
33.488.03




Tilt head with crank handle
33.477.00




Adapter Ringflash
33.489.04




Adapter Profoto
33.489.03



Adapter K5600
33.489.08



Adapter for lamps other manufacturers
33.489.06



Adapter DW 800 for Para 177/222
33.489.07

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