

Five Controlled Illuminants

Critical Solid Color Evaluation

For accurate color appraisal, the byko-spectra light booths with 5 illuminants offer all you need to evaluate and communicate color with confidence.

- Daylight D65
- Incandescent light A
- Department store light CWF and TL84
- Ultra-violet light UV

Comfortable Handling

Automatic illuminant sequencing allows a standardization of your testing procedures and focus on color matching. The illuminant sequence and duration time can be predefined.

The replacement lamp kits reduce the maintenance effort to a minimum.

Recognize metamerism

Evaluating your sample pairs under different illuminants helps you to indicate metameric samples and minimize product rejection or rework.

Detect fluorescent pigments

Viewing under ultraviolet light allows detecting and evaluation of optical brighteners or fluorescent pigments.

Surrounding for any specification

Consistent color-neutral environment enables comparison of standard and sample at standardized conditions.

Standards

ASTM	D 1729
ISO	3668 (accessory required)

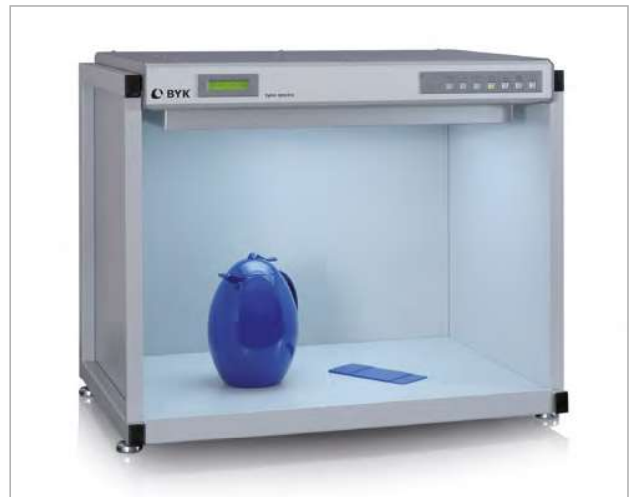
Certified

Please refer to section Preventive Maintenance

byko-spectra *standard*

Versatile functions ensure an easy and reliable inspection of large and small samples.

- Diffusing panel to eliminate direct reflection
- ColorGuard II timing center tracks light source usage and indicates when to replace the lamps
- No warm-up time or flickering which ensures quick and reliable color judgement



byko-spectra *lite*

This economic light booth ensures easy testing and inspection under standardized illuminations for any application.

- Timer to track daylight lamp usage and indicate when to replace the tubes
- Quick light booth setup without any tools
- Comfortable evaluation combined with ease-of-use



Ordering Information

Cat. No.	Description
6047	byko-spectra <i>standard</i> 230 V
6046	byko-spectra <i>standard</i> 115 V
6061	byko-spectra <i>lite</i> 230 V
6060	byko-spectra <i>lite</i> 115 V

Comes complete with:

Light booth
5 illuminants: D65, A, CWF, TL84, UV
Factory certificate
Operating instructions

Technical Specifications

Voltage	Dimensions	Viewing Area	Weight
230 V, 50/60 Hz	65 x 76 x 55 cm (25.5 x 30 x 21.5 in)	48 x 71 x 51 cm (19 x 28 x 20 in)	32 kg (70 lbs)
115 V, 50/60 Hz	65 x 76 x 55 cm (25.5 x 30 x 21.5 in)	48 x 71 x 51 cm (19 x 28 x 20 in)	32 kg (70 lbs)
230 V, 50/60 Hz	49 x 67 x 48 cm (19.5 x 26 x 19 in)	36 x 61 x 41 cm (14 x 24 x 16 in)	18 kg (39 lbs)
115 V, 50/60 Hz	49 x 67 x 48 cm (19.5 x 26 x 19 in)	36 x 61 x 41 cm (14 x 24 x 16 in)	18 kg (39 lbs)



Ordering Information

Cat. No.	Description
6048	Lamp Kit, certified for 6046/6047
6065	Lamp Kit for 6046/6047
6057	ISO Panel Set for 6046/6047
6063	Lamp Kit, certified for 6060/6061
6062	Lamp Kit for 6060/6061
6064	ISO Panel Set for 6060/6061

Accessories

Voltage	D65	Inc A	CWF	TL84	UV
230 / 115 V	3	2	2	2	2
230 / 115 V	3	2	2	2	2
230 / 115 V	2	2	2	2	2
230 / 115 V	2	2	2	2	2

Note: Replacement of lamps recommended every 2500 hours.

Three Controlled Illuminants

Reduce the Risk of Metamerism

For general solid color evaluation under defined lighting conditions the byko-spectra *basic* and byko-spectra *mini* light booths offer three certified illuminants:

- Daylight D65
- Incandescent light A
- Department store light CWF or TL84



Fast Setup - Easy Operation

The light booths are assembled in minutes without any tools. Individual switches for each illuminant guarantee an easy operation.

Economical Testing of Small Samples

The compact design allows color check everywhere. The small byko-spectra *mini* even fits on small desk spaces.



Ordering Information

Cat. No.	Description	Voltage	Dimensions	Viewing Area	Weight
6054	byko-spectra <i>basic</i> , TL84, 230 V	230 V, 50/60 Hz	48 x 67 x 42 cm (19 x 26.5 x 16.5 in)	37 x 60 x 33 cm (15 x 24 x 13 in)	14 kg (30 lbs)
6052	byko-spectra <i>basic</i> , CWF, 230 V	230 V, 50/60 Hz	48 x 67 x 42 cm (19 x 26.5 x 16.5 in)	37 x 60 x 33 cm (15 x 24 x 13 in)	14 kg (30 lbs)
6051	byko-spectra <i>basic</i> , CWF, 115 V	115 V, 50/60 Hz	48 x 67 x 42 cm (19 x 26.5 x 16.5 in)	37 x 60 x 33 cm (15 x 24 x 13 in)	14 kg (30 lbs)
6053	byko-spectra <i>basic</i> , TL84, 115 V	115 V, 50/60 Hz	48 x 67 x 42 cm (19 x 26.5 x 16.5 in)	37 x 60 x 33 cm (15 x 24 x 13 in)	14 kg (30 lbs)
6043	byko-spectra <i>mini</i> , TL84, 230 V	230 V, 50/60 Hz	46 x 52 x 34 cm (18 x 20.5 x 13.25 in)	33 x 46 x 25 cm (13 x 18 x 10 in)	10 kg (22 lbs)
6041	byko-spectra <i>mini</i> , CWF, 230 V	230 V, 50/60 Hz	46 x 52 x 34 cm (18 x 20.5 x 13.25 in)	33 x 46 x 25 cm (13 x 18 x 10 in)	10 kg (22 lbs)
6040	byko-spectra <i>mini</i> , CWF, 115 V	115 V, 50/60 Hz	46 x 52 x 34 cm (18 x 20.5 x 13.25 in)	33 x 46 x 25 cm (13 x 18 x 10 in)	10 kg (22 lbs)
6042	byko-spectra <i>mini</i> , TL84, 115 V	115 V, 50/60 Hz	46 x 52 x 34 cm (18 x 20.5 x 13.25 in)	33 x 46 x 25 cm (13 x 18 x 10 in)	10 kg (22 lbs)

Comes complete with:

- Light booth
- 3 illuminants: D65, A, CWF or TL84
- Factory certificate
- Operating instructions

Standards

ASTM	D 1729
ISO	3668 (accessory required)



Ordering Information

Cat. No.	Description	Voltage	Accessories			
			D65	Inc A	CWF	TL84
6055	Lamp Kit for 6051/6052	230 / 115 V	2	2	1	
6056	Lamp Kit for 6053/6054	230 / 115 V	2	2		1
6070	Lamp Kit, certified for 6051/6052	230 / 115 V	2	2	1	
6071	Lamp Kit, certified for 6053/6054	230 / 115 V	2	2		1
6058	ISO Panel Set for 6051 - 6054					
6045	Lamp Kit for 6043	230 V	2	2		1
6044	Lamp Kit for 6041	230 V	2	2	1	
6050	Lamp Kit for 6042	115 V	2	2		1
6049	Lamp Kit for 6040	115 V	2	2	1	
6067	Lamp Kit, certified for 6043	230 V	2	2		1
6066	Lamp Kit, certified for 6041	230 V	2	2	1	
6069	Lamp Kit, certified for 6042	115 V	2	2		1
6068	Lamp Kit, certified for 6040	115 V	2	2	1	
6059	ISO Panel Set for 6040 - 6043					

Note: Replacement of lamps recommended every 2500 hours.