

JUST.  
EXCELLENCE IN  
STANDARDIZED  
LIGHTING  
TECHNOLOGY.



Powered by Innovation.

# JUST. POWERED BY INNOVATION.



## COLOR COMMUNICATOR

**colorCommunicator, the world's first standardized viewing booth with the JUST USB interface** is a professional solution for the classic reproduction workflow. Uniform and glare free illumination is made possible by the curved viewing surface.

## COLOR FRAME

**A desktop viewer, as required by today's work environment:** functional "laptop" design, easy operation, excellent lighting. colorFrame is portable, with a retractable lamp section and a handle. Available in two sizes with or without an optional dimmer for soft-proof applications.



**Get control of your color!** Apart from the measurement procedures to control color, the visual inspection of printed products, objects or surfaces is essential. Therefore, controlled lighting conditions in accordance with the international standards are important to avoid incorrect assessments. The specially developed fluorescent lamp, JUST daylight 5000 proGraphic ISO 3664:2009, combined with the JUST technology conform to the strict criteria required by ISO 3664:2009 and achieve peak performance in terms of color coordinates, color rendering index and metamerism index.



## LED LIGHT COLOR VIEWING XL HYBRID

The multi-spectral LED technology is able to simulate and program every possible lighting situation. NEW: detection of metamerism with additional TL84 fluorescent lamps!



## PROOF STATION SP

The proofStation-SP offers the perfect solution for the digital workflow. By default the standard version is equipped with a digital dimmer and the JUST USB Interface. The proofStation SP is perfect for softproof on press applications with the adJUST monitorCalibration software.



## CHALLENGE 5000

JUST Normlicht's price-attractive proof station for sheet sizes up to 100 x 140 cm and designed to fit perfectly into conference rooms, prepress studios or advertising agencies.

With the use of LED technology, JUST Normlicht is setting forward-looking standards in visual color matching. JUST has now successfully developed a patented multispectral LED illuminant that is able to reproduce many different light spectrums with exceptional accuracy. This multispectral LED illuminant can simulate many standard illuminants including D50, D65, A, C, D55, D75, and virtually any other light source. Due to a unique calibration method JUST guarantees consistent spectral properties and calibrated lighting conditions for years. **JUST. Powered by Innovation.**

# ORIGINAL REPLACEMENT LAMPS FROM JUST.



**JUST daylight 5000 proGraphic, exclusively designed for JUST, are the only fluorescent lamps worldwide with exceptional standardized lighting quality. Read here for why this is important.**

**The ISO 12647-2:2013 standard establishes** strict quality parameters throughout the complete digital workflow in the graphic arts industry. In addition to existing technical measuring procedures for color control, the visual control of printed products plays a decisive role. This is why standardized lighting conditions complying with ISO 3664:2009 are fundamental to prevent discrepancies in color assessment.

Choosing the right fluorescent lamp is critical for creating the right light conditions for color evaluation purposes.

**The high quality fluorescent lamps, JUST daylight 5000 proGraphic, create optimum viewing conditions for critical color assessment.**

The most accurate lamp on the market that fully complies with the critical demands of ISO 3664:2009 in terms of:

- **Color coordinates**  
Tolerance of only 0,005 and an even distribution of spectral lines.
- **Color temperature**  
5000 Kelvin and a high color rendering value of Ra8 > 98 (exceeding the established value of Ra > 90).
- **Metamerism index**  
Far lower than 1.
- **Certified light quality**  
Every JUST daylight 5000 proGraphic tube is accompanied by a measuring report which verifies its exceptional light quality.
- **No. 1 in environmental awareness**  
JUST is again a step ahead when it comes to environment protection: JUST daylight 5000 proGraphic contains less than 5mg mercury in each tube.
- **Technical consultancy**  
Our qualified experts will be glad to evaluate the light conditions in your workplace.  
**Please inquire!**

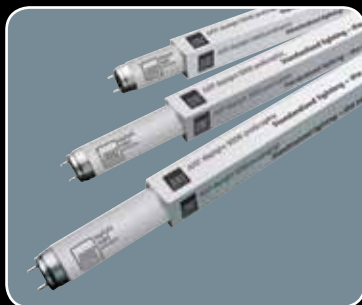
**For JUST viewing devices with TLSI technology**

Automatic warning for relamping after 2500 hours of light bulb use. Green light indicates: up to 2300 hours of use, tubes are within ISO 3664:2009 compliance. Yellow light: Less than 200 hours of use remaining, order replacement tubes. Red Light: Replace tubes!



**Relamping**

After 2500 hours of service, fluorescent tubes diminish their color temperature. In order to provide consistently accurate and reliable viewing conditions, JUST Normlicht requires relamping every 2500 hours.



**For viewing devices with no hour meter** simply mark the next date for relamping on the attached label according to the following schedule: Single shift = once per year, two shifts = every 6 months, three shifts = every 4 months.

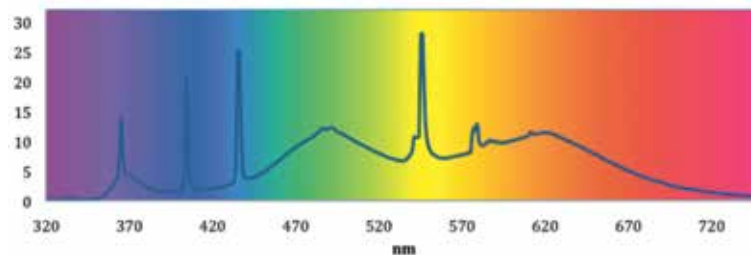


**For viewing devices with mechanical hour meter** simply mark the time limit on the attached relamping label by adding 2500 to the number of actual service hours.

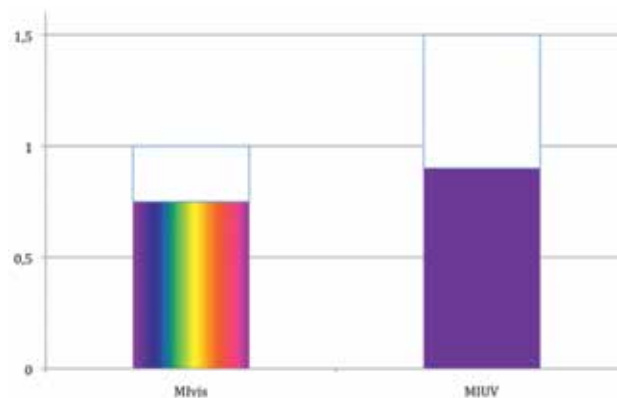


**Certified viewing conditions – made by JUST.**

Spectral light distribution with a new, improved UV-content



Test protocol reveals that the fluorescent lamp JUST daylight 5000 proGraphic fulfills the strict criteria for standardized lighting according to ISO 3664:2009.



Metamerism index for the JUST daylight 5000 proGraphic fluorescent lamps

Item No.      Efficiency (watt)      Length (mm)      Color temperature (CCT)      Packing unit

**JUST daylight 5000 proGraphic – fluorescent lamps**

100479	15	438	5000 K	each
100529	15	438	5000 K	10 pieces
100487	15	438	5000 K	25 pieces
95521	18	590	5000 K	each
100537	18	590	5000 K	10 pieces
100503	18	590	5000 K	25 pieces
95323	36	1200	5000 K	each
100545	36	1200	5000 K	10 pieces
100495	36	1200	5000 K	25 pieces
95646	58	1500	5000 K	each
100552	58	1500	5000 K	10 pieces
100511	58	1500	5000 K	25 pieces

# GL SPECTIS

## 1.0 SERIES

The professional solution for light assessment and the recalibration of viewing booths and other light systems according to ISO 3664:2009.

The GL SPECTIS range from GL Optic performs precise and reliable light measurements according to ISO 3664:2009 and is used for recalibrating lighting systems.

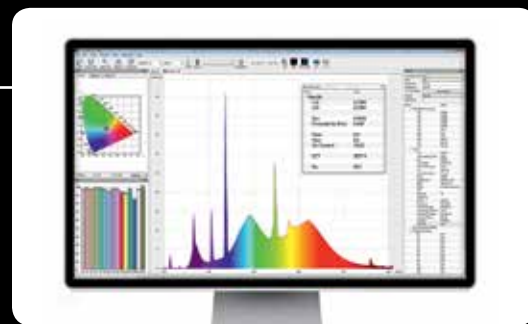


The user-friendly **GL SPECTIS 1.0** operates with a high amount of precision, and once connected to the PC, it can be used immediately. Its high degree of sensitivity and accuracy ensures that light measurement values can be determined precisely and then used for other purposes such as the light measurement of proof lights.



The intuitive **GL SPECTIS 1.0 touch proGraphic** is a mobile spectrometer for the precise measurement of photometric and radiometric values. The sensor attached to the spectrometer performs measurements without a PC which are then displayed on the color touchscreen. Light and LED measurements can be easily transferred via Wi-Fi, USB 2.0 or microSD-Card to the PC and evaluated with GL SPECTROSOFT proGraphic.

**GL SPECTROSOFT proGraphic** is a universal and professional software solution for spectral analysis. It is intended for the evaluation and analysis of light sources of all types according to all common standards



like ISO 3664:2009 and CIE. The software allows the definition of the correlated color temperature (CCT), the color coordinates (x, y) plus the color rendering index (Ra) and the Metamerism Index (MI<sub>VIS</sub> and MI<sub>UV</sub>)

Item No.	Version	Features	Measurements; Weight
<b>GL Optic – Spectroradiometer</b>			
200445	GL SPECTIS 1.0 touch proGraphic	340–780 nm, Touchscreen, Wi-Fi, USB 2.0, microSD card	74 x 145 x 24 mm; 315 g
67827	GL SPECTIS 1.0	340–780 nm, USB 2.0	72 x 115 x 19 mm; 120 g
102095	GL SPECTROSOFT proGraphic	Evaluation of all lighting metrological data in accordance with CIE and ISO-Standards.	

# COLOR FRAME

The low cost entry into the standardized lighting technology – new design and easy to use, with superior illumination: **JUST colorFrame**: Ideal for photographers, advertising agencies and prepress studios.

Available in two sizes, with magnetic rear wall and optional dimmer for soft proofing applications.

**Functional "laptop" design with convenient operation:**

foldable lamp with built in carrying handle for easy transportation, worldwide use with multi-voltage ballasts, optional dimmer for soft proofing applications.



**COLOR FRAME 02**

Item No.	Type	Worksurface (H x W cm)	Outside dim. (H x W x D cm)	Efficiency (watt)
220 V				
<b>colorFrame</b>				
104687	colorFrame 01	36 x 49	51 x 54 x 26	2 x 15
103986	colorFrame 01-di	36 x 49	51 x 54 x 26	2 x 15
104711	Side wall (pair) colorFrame 01			
104729	colorFrame 02	43 x 64	58 x 69 x 37	2 x 18
103291	colorFrame 02-di	43 x 64	58 x 69 x 37	2 x 18
104752	Side wall (pair) colorFrame 02			

# COLOR COMMUNICATOR

JUST colorCommunicator is the world's first viewing booth that communicates via the JUST USB interface with monitor calibration software to precisely match the softproof on the monitor and the hardcopy in the viewing booth.



Devices with the **JUST USB Interface** are equipped with a digital display for brightness control and an hour meter to indicate the next tube change.



## The software: adJUST monitor calibration

Based on the award-winning monitor profiling solution baslCColor display, the adJUST monitorCalibration software allows for the precise calibration of the standardized lighting along with the monitor. Measuring and assessing ambient light and viewing booths (with compatible instruments) for compliance according to ISO 3664:2009 and ISO 12646 is also possible.



**adJUST** <sup>®</sup>  
monitor calibration

**Kodak** **AGFA** **K|FLOW**  
the digital workflow company

**manroland** **NEC**

**Serenity** **Blackmagic**

**EIZO** **baslCColor**  
ColorNavigator

**CGS** **RemoteDirector**

## We are connected!

Leading soft proofing vendors have integrated the JUST USB Interface directly into their monitor proofing applications.

Item No.	Type	Worksurface (H x W cm)	Outside dim. (H x W x D cm)	Efficiency (watt)
220 V				
<b>colorCommunicator</b>				
91975	colorCommunicator 01	38 x 49	49 x 54 x 35	2 x 15
86165	colorCommunicator 02	58 x 51	63 x 61 x 45	2 x 18
87049	adJUST monitorCalibration V5 Software			
86892	adJUST additional license			
104380	adJUST upgrade V4:V5			



# COLOR VIEWING LIGHT

**Color Viewing Light provides consistent criteria for visual quality control with up to five different illuminants.**

The continuous lamp monitoring and convenient warning of necessary tube changes guarantees consistent viewing conditions.



**Color Viewing Light 3 BASIC** Article 200692



Outside dimensions:  
W 70, H 47, D 43 cm  
Usable space:  
W 64, H 33, D 36 cm  
With 3 different light colors.

Replacement bulb set  
Item # 1719




**Color Viewing Light 5 ADVANCED** Article 200144





Outside dimensions:  
W 70, H 51, D 43 cm  
Usable space:  
W 64, H 33, D 36 cm  
With 5 different light colors.


Replacement bulb set  
Item # 1198


**The five standard illuminants:**

 **D65** Northern daylight for visual matching in accordance with CIE, ISO 3668 and DIN 6173-2 and other standards

 **A** Incandescent lighting such as in the home, hotels and restaurants

 **TL84** (F11) Typical lighting for offices, showrooms and exhibitions

 Equipped as standard with **D50** Daylight for color matching in the graphic arts industry after ISO 3664:2009

 **UV-A** for the detection and assessment of materials with optical brighteners, fluorescent dyes and whiteners

# LED TECHNOLOGY

**Precise, controllable lighting conditions for an exact match between a proof or original samples – important in many industries such as textiles, plastics, automotive, furniture and graphic arts to ensure reliable color decisions.**

JUST Normlicht has developed a multispectral LED illuminant that is able to reproduce many different light spectrums\* with great accuracy. In addition to the standard illuminants D50, D65, A, C, D55 and D75, virtually any other light source can be simulated with excellent quality – the unique, patented JUST LED calibration method guarantees consistent spectral properties for sophisticated industrial applications for many years.

## LED colorControl

The multi-spectral LED technology provides a perfectly controlled lighting environment for the visual comparison of an original or a proof to a production sample.

**With JUST LEDcontrol**  
any light source  
is controlled with  
excellent precision.



## LED COLOR CONTROL

## LED COLOR VIEWING LIGHT XL HYBRID



Perfect creation of multiple light spectra for immediate recognition of metameric failures.

\* with LEDcontrol professional



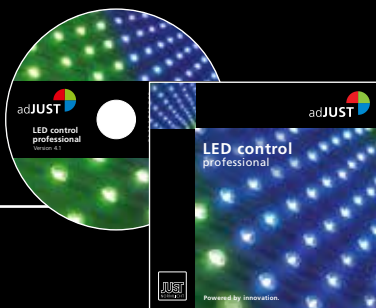
### LED Color Viewing Light

LED Color Viewing Light has the ability to simulate and program any conceivable lighting environment: In addition to the standard illuminants D50, D65, A, C, D55 and D75 virtually any other light source can be simulated with excellent quality. The multi-spectral LED even includes the proper UV content to show fluorescence (OBA's). In the hybrid model metamerism caused by mercury peaks can be easier identified by using three additional TL84 fluorescent lamps.



## LED COLOR PROOF LIGHT XL HYBRID

**LED control software professional** allows the selection and reproduction of any light source – standard illuminants such as D50, D65, A, C, D55, D75 but also any other light source – free choice of color temperature or chromaticity coordinates out of the available gamut. The selected illuminant can be saved and recalled at any time with consistent spectral properties for years.



### LED Color Proof Light XL Hybrid

The proof light hanging from the ceiling has the ability to simulate and program different light sources to illuminate larger areas – in the meeting room as well as in the laboratory. In the hybrid model, metamerisms caused by mercury peaks can be identified by using three additional TL84 fluorescent lamps. For larger areas multiple lamps can be easily connected together and controlled by one computer and software.

Item No.	Type	Viewing area (W x H x D cm)	Outside dim. (W x H x D cm)
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#### LED Technology

220 V			
106104	LED Color Viewing Light S	33 x 38 x 36	37 x 51 x 42
96891	LED Color Viewing Light M	65 x 38 x 36	68 x 51 x 42
172841	LED Color Viewing Light M Hybrid	65 x 38 x 36	68 x 51 x 42
96909	LED colorControl	65 x 45	68 x 58 x 37
98681	LED Color Viewing Light XL Hybrid	95 x 64 x 73	108 x 88 x 80
104166	LED Color Proof Light XL Hybrid	100 x 70	108 x 12 x 80
96925	LED colorControl professional Software		

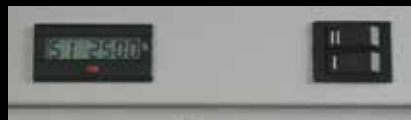
# COLOR CONTROL PROFESSIONAL

**JUST proof lights guarantee precise color control with efficient lighting technology and asymmetrical light control – at the press as well as in the prepress studio.**

Equipped with JUST daylight 5000 proGraphic ISO 3664:2009 fluorescent lamps, 6500K lamps are an available option.

Electronic ballasts: instant start, extended tube lifetime, flicker-free, eye-friendly operation, low power consumption.

The digital hour meter indicates an imminent relamping.



**Color Control Professional**  
digital hour meter



**Asymmetrical light design**  
prevents glare and  
distracting reflections on  
the printed sheets.

Item No.	Type	Viewing area W x D cm	Outside dimensions W x H x D cm	Efficiency (watt)
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## Color Control Professional

asymmetrical light design, digital hour meter, EVG, two-stage switch

13375	Color Control Professional 5000 1-AS-3/36E	100 x 50	128 x 16 x 64	3 x 36
13383	Color Control Professional 5000 3-AS-4/36E	100 x 70	128 x 16 x 80	4 x 36
11593	Color Control Professional 5000 4-AS-4/58E	130 x 70	158 x 16 x 80	4 x 58
13425	Color Control Professional 5000 5-AS-5/36E	100 x 100	128 x 16 x 100	5 x 36
13433	Color Control Professional 5000 6-AS-4/58E	140 x 100	158 x 16 x 100	4 x 58
13458	Color Control Professional 5000 8-AS-6/58E	160 x 120	155 x 16 x 108	6 x 58

# JUST MODULIGHT 5000

If you have a small meeting room or a complete print shop the moduLight is flexible enough to fit into every room situation and creates standard lighting conditions where ever they are needed.

moduLight offers unmatched light quality illumination and uniformity. With the specially developed prismatic lenses gloss and glare are non-existent. Optionally available with digital dimming, JUST USB interface and adJUST monitorCalibration software – for soft proofing on press applications.



#### TLSI Technology

integrated LED field with easy to understand signal technology. Automatic warning for relamping after 2500 hours of light bulb use.



**Digital dimmer with USB interface** and software adJUST monitor calibration for softproof-on-press applications (optional).

## JUST MODULIGHT



#### JUST moduLight 5000 5/36-AS

Combination of five modules designed to illuminate an area of 70 x 100 cm exceeding all of the requirements of ISO 3664:2009.

Item No. 220 V	Type	Outside Dimension (L x W x H cm)	Viewing area (W x D cm)	max. Lux at distance viewing area (lx/cm)
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#### JUST moduLight 5000 – asymmetrical

64618	JUST moduLight 2/36-AS	133.5 x 31.0 x 11	50 x 100	1650 / 90
81208	JUST moduLight 2/58-AS	163.5 x 31.0 x 11	50 x 140	1650 / 85
64543	JUST moduLight 4/18-AS	88.0 x 62.0 x 11	50 x 70	2000 / 90
64592	JUST moduLight 5/36-AS	133.5 x 77.5 x 11	70 x 100	2000 / 125
81182	JUST moduLight 6/58-AS	163.5 x 93.0 x 11	100 x 140	2900 / 130

#### JUST moduLight 5000 – cross-symmetrical

55715	JUST moduLight 2/36-CS	133.5 x 31.0 x 11	50 x 100	1300 / 80
81117	JUST moduLight 2/58-CS	163.5 x 31.0 x 11	50 x 140	1550 / 80
55707	JUST moduLight 4/36-CS	133.5 x 62.0 x 11	60 x 100	2000 / 110
81067	JUST moduLight 4/58-CS	163.5 x 62.0 x 11	80 x 140	2000 / 110

#### JUST moduLight 5000 Softproof – asymmetrical

69476	JUST moduLight 5/36-AS SP	133.5 x 77.5 x 11	100 x 70	dimnable
69211	JUST moduLight 6/58-AS SP	163.5 x 93.0 x 11	140 x 100	dimnable

#### JUST moduLight 5000 Softproof – cross-symmetrical

98517	JUST moduLight 4/36-CS SP	133.5 x 62.0 x 11	100 x 60	dimnable
93211	JUST moduLight 6/58-CS SP	163.5 x 93.0 x 11	140 x 100	dimnable



For viewing  
from one side



For viewing  
from all sides

# PROOF TOP MULTI 5000

**Visual color matching for small sizes up to 50 x 70 cm.**  
**The multifunctional JUST Proof Top Multi, with its compact size fits easily into any publishing or prepress environment.**

Whether as a freestanding, mobile viewing booth or in its desktop top version, the Proof Top Multi is a flexible and practical solution for the presentation and evaluation of layouts, proofs, or prints.



**Asymmetrical proof light** for glare and shadow free illumination of the work surface and rear wall.



**Proof Top Multi**  
 Freestanding version, floor stand with wheels.



**Side walls**  
 for ambient light control (optional).

Item No.	Type	Printing size (DxW cm)	Outside Dimensions (HxWxD cm)	Efficiency (watt)
<b>Proof Top Multi 5000</b>				
20438	Proof Top Multi 5000	50 x 70	101 x 81 x 74	4 x 18
20453	Trolley, tall		94 x 81 x 60	
20461	Side walls (pair)			

# CHALLENGE 5000

Visual color matching in 70 x 100 and 100 x 140 cm sizes.  
The viewing booth for the presentation and visual control of layouts, proofs and press sheets for advertising agencies, publishers and prepress studios.

**Side walls**  
for ambient light control  
(optional).



**Challenge 5000**  
Asymmetrical proof light  
for glare and shadow  
free illumination of the work  
surface and rear wall.

Item No.	Type	Printing size (D x W cm)	Outside Dimensions (H x W x D cm)	Efficiency (watt)
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## Challenge 5000

20123	Challenge 5000 3B	70 x 100	230 x 128 x 118	5 x 36
22749	Challenge 5000 6B	100 x 140	230 x 158 x 118	4 x 58
4374	Side walls (pair) for 3B			
9613	Side walls (pair) for 6B			

# COLOR PROOF STATION

Color Proof Stations have been used for decades in quality control for printing. Forward-looking light-technology for all print sizes (50 x 70 cm to 120 x 160 cm) and numerous trim levels provide for a perfect, comfortable quality control of proof and production printing.

Color Proof Stations are equipped with JUST daylight 5000 proGraphic ISO 3664:2009 fluorescent tubes, 6500K lamps are an available option.

## Color Proof Station OB/3B in 3 standard versions



### Description:

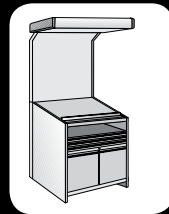
1 shelf  
1 drawer  
(12 cm)  
1 door

### OB

Item # 9837

### 3B

Item # 8839



### Description:

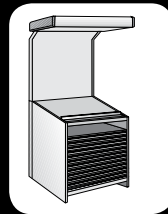
1 shelf  
3 drawers  
(3.5 cm)  
1 door

### OB

Item # 9548

### 3B

Item # 8979



### Description:

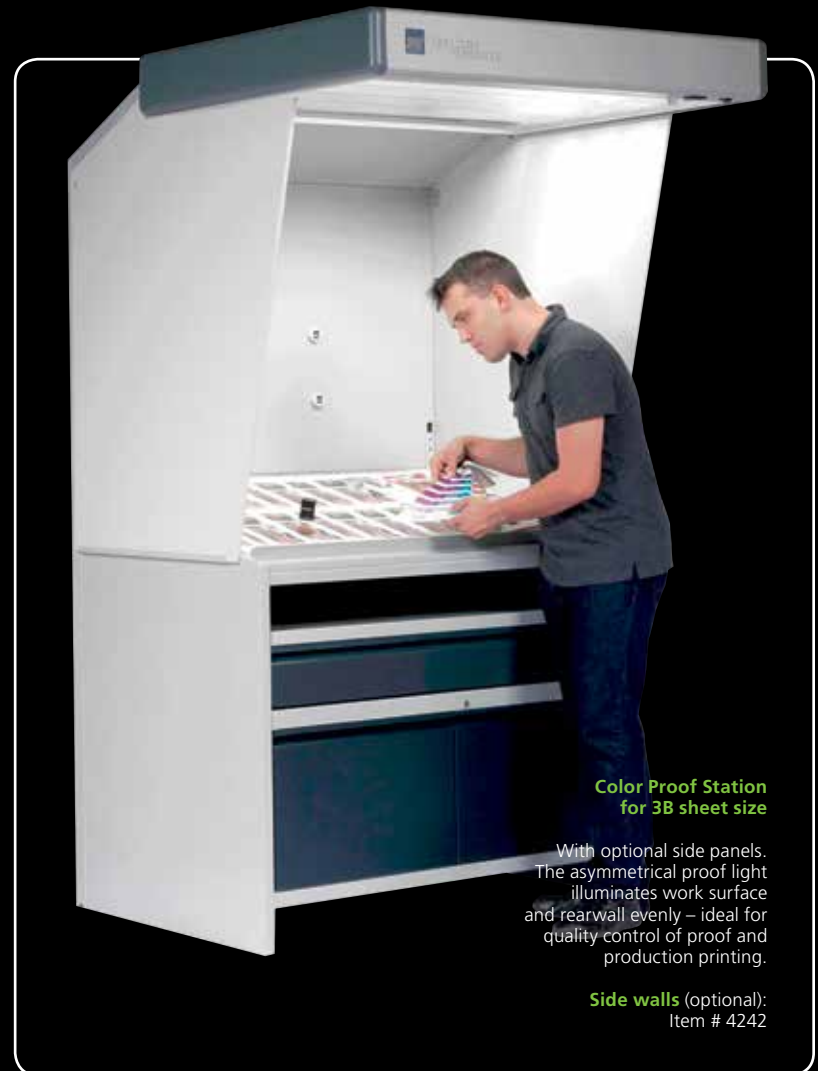
1 shelf  
12 drawers  
(3.5 cm)

### OB

Item # 9407

### 3B

Item # 8821



### Color Proof Station for 3B sheet size

With optional side panels. The asymmetrical proof light illuminates work surface and rearwall evenly – ideal for quality control of proof and production printing.

Side walls (optional):  
Item # 4242



**0B** Illumination of work surface and rear wall for printing size 0B (70x50cm)  
 Outside dim. cabinet: 100W x 80D cm  
 Drawers: 90W x 73D cm  
 4x36 W

**3B** Illumination of work surface and rear wall for printing size 3B (100 x 70 cm)  
 Outside dim. cabinet: 120W x 90D cm,  
 Drawers: 110W x 83 D cm  
 Side walls (optional)  
 5x36 W

**6B** Even Illumination of work surface for the printing size 6B (140 x 100cm)  
 Outside dimensions cabinet: 159W x 127D cm  
 Drawers: 149 W x 117 D cm  
 Side walls (optional)  
 6x58 W

**7B** Even Illumination of work surface for the printing size 7B (160 x 120cm)  
 Outside dimensions cabinet: 180W x 143 D cm  
 Drawers: 170 W x 133 D cm  
 6 x 58 W

**Color Proof station for large formats 6B/7B**

Color Proof Station with asymmetrical proof light, simultaneous illumination of work surface and rearwall (duplex), adjustable slanted work surface, 7 flat drawers, a large drawer with a lockable private compartment.

**6B**

Item # 15446

**7B**

Item # 13680



# PROOF STATION

**JUST Normlicht proofStation is setting new standards in design, functionality and innovative lighting technology.**

A new color quality control system of exceptional style and design, providing even light distribution with a glare and shadow free color viewing environment.

proofStation SP versions are equipped with digital dimming and JUST USB interface for soft proofing applications.



**Keyboard holder**  
(with SP-version)



**Side walls**  
for ambient light control  
(optional)



**The proofStation SP versions** are also equipped with a monitor bar and standardized VESA mounting for each LCD Monitor up to 30". Mounts for larger monitors are available on request.

Item No.	Type	Outside Dimensions (HxWxD cm)	Viewing area (DxW cm)	Efficiency (watt)
<b>proofStation</b>				
64691	proofStation 10	210 x 97 x 110	50 x 70	4 x 18
86231	proofStation 10 SP	210 x 97 x 110	50 x 70	4 x 18
64675	proofStation 20	223 x 135 x 155	70 x 100	5 x 36
81232	proofStation 20 SP	223 x 135 x 155	70 x 100	5 x 36
87791	Side wall PS 10			
87783	Side walls PS 20			

**Kodak** **AGFA** **K(FLow)**  
the digital workflow company

**manroland** **NEC**

**Serenipity Blackmagic**  
**EIZO**  
ColorNavigator **basicoolor**

**CGS** **RemoteDirector**

**We are  
connected!**

Leading soft proofing vendors have integrated the JUST USB Interface directly into their monitor proofing applications.

# VIRTUAL PROOF STATION

**Soft proofing is coming to the pressroom! JUST Virtual proofStation is the first press side viewing station that offers the unique computer controls to create an exact viewing environment match between monitors and press sheets.**

Saves time and reduces costs with improved communication and coordination in the color decision process.

Virtual Proof Station includes the JUST USB Interface, a VESA monitor mount, ventilated computer cabinet and a keyboard and mouse tray. Built-in side walls and movable wheels make the Virtual Proof Station a complete solution for the soft proofing workflow.



**Virtual Proof Top is the desktop version** for space-saving integration into an existing viewing area.



**The Virtual Proof Station** is equipped with the latest, cost-efficient soft proofing on press technology and offers ISO 3664 compliant viewing conditions.

Item. No.	Type	Outside Dimensions (W x H x D cm)	Viewing area (W x D cm)
<b>Virtual Proof Station</b>			
93302	Virtual Proof Station	145 x 220 x 116	100 x 70
67801	Virtual Proof Top	145 x 138 x 116	100 x 70
105163	Virtual Proof Desk Duplex	H = 62 - 86 cm	
95489	Copyholder angle adjustable 0–60°		49 x 33

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FTA Flexographic Technical Association  
SGIA Specialty Graphic Imaging Association

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