Tile Sets

Lucideon Ltd ceramic standards - BCRA Series II tiles* - are popular standards for color calibration in the US and abroad. These standards can be used to calibrate color spectrophotometers in both hemispherical and directional/directional geometry. Avian Technologies Lucideon BCRA sets consist of fourteen 2” tiles (the standard Lucideon BCRA set plus a black and a white tile), mounted and sealed to prevent effects of humidity. Custom sets are available.

Individual Tiles

If you wish to assure an instrument stays within calibration but do not have the time it takes to run a full set of Lucideon BCRA standards, it is suggested that a single tile with some spectral structure be used**. We have found that the cyan tile is the best tile for this application within the BCRA Series II set.

In addition to the cyan tile, all tiles in the BRCA Series II set are available individually. We offer tiles either calibrated or uncalibrated, made to the same specifications as the set described above. The tile is sealed in a Delrin holder and comes shipped in a hinged plastic box.
Finish | Matte or Glossy
---|---
Dimensions | 2" or 4" square
Calibration | calibrated (8:d, 8:T, 45:0 or any combination)*** or uncalibrated

CERAM Blue/Green/Cyan Hemispherical Reflectance
CERAM Yellow/Orange/Deep Rose/Red Hemispherical Reflectance


** “An Abridged Technique to Diagnose Spectrophotometric Errors” R. Berns and L. Reniff, Color Research and Application, 22 51-60 (1997)

***Representative data, along with D65/2° CIELAB and CIEXYZ values can be downloaded for these measurement geometries: 45/0, SCI, SCE.

• Ordering

BCRA-13-M-02 Lucideon BCRA CCSII Tile set 12 2" Basic color and white standards, Matte finish

BCRA-14-G-02 Lucideon BCRA CCSII Tile set 12 2" Basic color and white standards, Gloss finish

BCRA-12-M-04 Lucideon BCRA CCSII Tile set 12 4" Basic color and white standards, Matte finish

BCRA-12-G-04 Lucideon BCRA CCSII Tile set 12 4" Basic color and white standards, Gloss finish

BCRA-xx-M-02 Lucideon BCRA Individual Color or Grey 2” tile Matte finish (specify color)
BCRA-xx-G-02  Lucideon BCRA Individual Color or Grey 2” tile Glossy finish (specify color)

BCRA-xx-M-04  Lucideon BCRA Individual Color or Grey 4” tile Matte finish (specify color)

BCRA-xx-G-04  Lucideon BCRA Individual Color or Grey 4” tile Glossy finish (specify color)

Custom  Custom products are our specialty! Contact us for more information.

News

LC Instru Represents Avian Technologies

Avian Technologies is pleased to welcome our newest representative, LC Instru. If you are interested in purchasing Avian Technologies products in France, give them a call!

Visit our international sales page for more information on purchasing Avian Technologies' products if you are located outside the US.

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