What is it?

It is a new reading method of the photometric files generated by Photos that was developed to make product selection easier for final users.
The old format had an alphanumeric coding that used to concatenate combinations of codes (not all of them) and was difficult to read or unintelligible for final users.
Ex. (*old format*: 5651Z5J9.IES) => (*new format:* 5651_1195_24_1769.IES)

How to read the new coding:

The photometric coding has a series of codes, normally 4 digits for product, accessory and lamp codes, and 2 digits for colour code (product and accessory), if necessary. Special variations are shown in parenthesis.
The codes (product, accessory, lamp) are the normal iGuzzini coding used in the catalogues.
The iGuzzini codes are concatenated by means of the symbol "_"
Coding can take place by concatenating the product code (main body) with other codes (accessories, lamps and colours), in addition to possible variations (see examples).
The file extension determines the type of photometric format.
The following formats are currently offered by iGuzzini:

- Ies => IESNA91
- Iesna => IESNA:LM-63-2002
- Eulumdat => /
- Tm14 => CIBSE/1

ies, iesna, and tm14 files are coded for each permitted accessory and lamp, and therefore there will be as many product codes as the number of permitted accessories and lamps.

- For example:

9025_1732.IES	(product_1st lamp)
9025_1749.IES	(product_2nd lamp)
9025_9075_01_1732.IES	(product_1st accessory_colour_1st lamp)
9025_9075_01_1749.IES	(product_1st accessory_colour_2nd lamp)
9025_9088_24_1732.IES	(product_2nd accessory_colour_1st lamp)
9025_9088_24_1749.IES	(product_2nd accessory_colour_2nd lamp)

Eulumdat files are coded for each associated accessory, while permitted lamps are concatenated.

- For example:

9025_1732_1749.LDT	(product_lamps)
9025_9075_01_1732_1749.LDT	(product_1st accessory_colour_lamps)
9025_9088_24_1732_1749.LDT	(product_2nd accessory_colour_lamps)

The photometric files contained in the databases refer to the mono-optic product. For this reason, all product codes referring to multiple optics (if contained in the databases) are to be considered as individual optics.

Note:
The new coding is only a change of "naming", it does not affect the photometrics.

Some typical examples:

- 5651_1195_24_1769.IES
  - 5651 => code of product or lighting object
  - 1195 => accessory code (refractor)
  - 24 => colour of accessory or preceding code (clear)
  - 1769 => iGuzzini lamp code (70w HIT)
  - _ => code separators
  - .IES => format type

- 8002_1695.IES
  - 8002 => code of product or lighting object
  - 1695 => iGuzzini lamp code (50w dichroic 10°)

Note:
Following is a description of some special codings.

Special codings:

Some variations may occur due to special conditions of the product, such as dimming, orientation, etc. In this case, the special conditions are shown in parenthesis (see examples):

1. Dimming (of some products)
   - For example:

7334_(MIN)_1668.IES	(product_minimum dimming_lamp)
7334_(MAX)_1668.IES	(product_maximum dimming_lamp)

2. Adjustability of body or accessory
   - For example:

B067_B929_(DOWN)_1617.IES	(product_accessory_down emission_lamp)
B067_B929_(UP)_1617.IES	(product_accessory_up emission_lamp)

Photos Service
iGuzzini illuminazione S.p.A.
Via Mariano Guzzini, 37
62019 Recanati (MC) - Italy
Phone: (+39) 071.75881
Fax: (+39) 071.7588603
e-mail: photos2000@iguzzini.it
Web: www.iguzzini.com