



# INTEGRATED LIGHTING

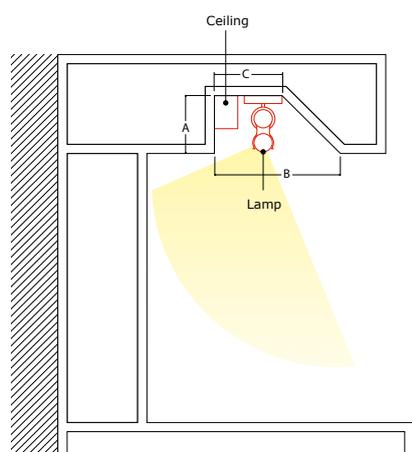
## APPLICATION AND PROPERTIES

Lumco lamps are also particularly well suited for building into furniture. Their great flexibility of use (various shapes, lengths, diameters and power strengths) makes it possible to adjust the lamps ideally for their purpose, meaning that they can be integrated into furniture very beautifully and designed to suit (counter lighting, work surface lighting, cabinet lighting).

Because of their unique properties, Lumco lamps are also especially well suited for integrating into alcoves enclosed with a diffuser such as the lighting of stained glass windows, floor lighting, etc. In many of these applications, there is a great deal of effort required when replacing defective lights, so the long service life of Lumco lamps is certainly an added bonus in these cases.

## I1

### FURNITURE LIGHTING: LAMP, BALLAST AND CABLING RECESS-FITTED IN FURNITURE



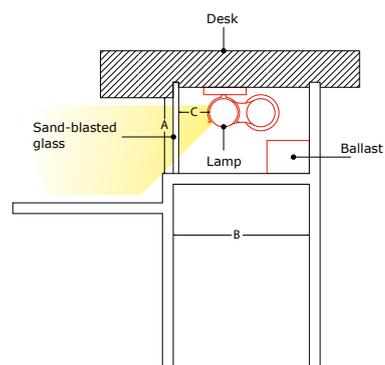
#### 1 row of lamps type LT5-B5

Lumco lamps follow the curved shape of the furniture and shine continuous light lines on the objects in the piece of furniture. Even greater light output can be achieved with a recess that is painted white.

|   | Min | Opt. |
|---|-----|------|
| A | 35  | 50   |
| B | 70  | 120  |
| C | 45  | 60   |

## I2

### FURNITURE LIGHTING: LAMP, BALLAST AND CABLING RECESS-FITTED IN FURNITURE



#### 1 row of lamps type LT8-B8

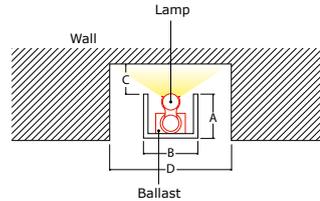
The Lumco lamps follow the curved forms of the work surface. The lamps are fitted behind sand-blasted glass. The larger diameter of the LT8-B8 lamps ensures a perfect lighting effect.

|   | Min | Opt. |
|---|-----|------|
| A | 50  | 150  |
| B | 65  | 150  |
| C | 20  | 35   |



# I3

## VERTICAL LIGHTING, INTEGRATED INTO THE WALL, LAMP AND BALLAST FITTED IN A U-SHAPED PROFILE



### 1 row of lamps type LT5-B5

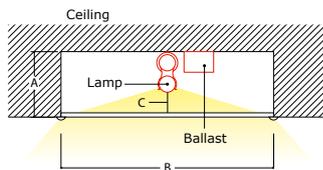
The U-shaped profile into which the lamp and ballast are fitted, is placed in a recess in the wall. This set-up produces very soft indirect light on the wall.

|   | Min | Opt. |
|---|-----|------|
| A | 35  | 50   |
| B | 50  | 50   |
| C | 30  | 80   |
| D | 150 | 200  |

< Living Tomorrow – Brussels – Set-up I3  
Architects: Architectenbureau Belien - Interior Designer: Vittorio Simoni

# I4

## LIGHTING OF STAINED GLASS WINDOWS: LAMPS, BALLASTS AND CABLING FITTED TO THE CEILING BEHIND DIFFUSER



### 1 row of lamps type LT8-B8

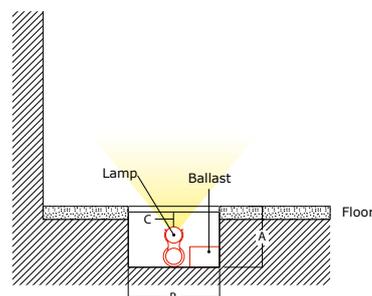
Depending on the type of glass and the size of the structure, the number of rows of lamps is adjusted to achieve an even light. The distance between the lamp and the glass needs to be big enough to achieve a wide emission of light. This is also why we recommend LT8-B8 lamps. With small stained windows lighting the contour is sufficient. The alcove above the window needs to be painted totally in white.

|   | Min |
|---|-----|
| A | 300 |
| B | 450 |
| C | 200 |

Dimensions depending on the type of glass used

# I5

## FLOOR LIGHTING: LAMPS, BALLASTS AND CABLING MOUNTED IN A U-SHAPED FITTING ENCLOSED WITH GLASS



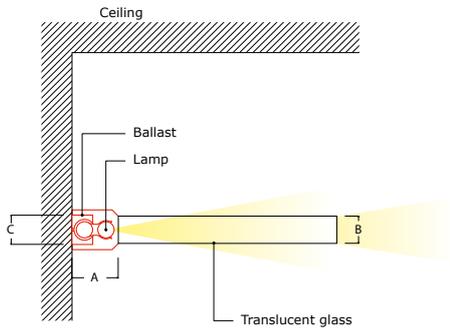
### 1 row of lamps type LT5-B5

Lumco lamps can be incorporated into the floor as straight or curved lines of light. The U-shaped fitting in which the lamp is enclosed is hermetically sealed with toughened glass. The lamps' long service life is certainly an additional advantage in view of the fact that replacing the lamps in a floor set-up can be somewhat inconvenient.

|   | Min | Opt. |
|---|-----|------|
| A | 50  | 75   |
| B | 80  | 120  |
| C | 20  | 30   |

# I6

## DIRECT SHELVЕ LIGHTING: LAMP FITTED IN A U-SHAPED PROFILE BEHIND THE SHELVЕ



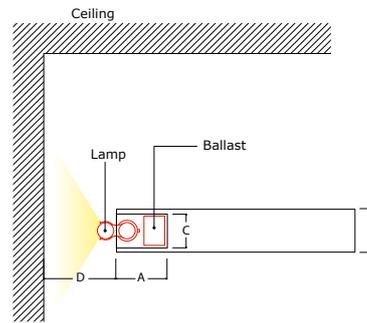
### 1 row of lamps type LT5-B5

The cross-section of the shelves is lit by lamps mounted behind the shelves. The lamps and ballasts are placed in a U-shaped reflector placed in such a way that no light is lost. The reflector can also be built into the wall. This shelf lighting provides a lovely light effect in areas where there is limited lighting (e.g. a bar).

|   | Min | Opt. |
|---|-----|------|
| A | 45  | 50   |
| B | 15  | 20   |
| C | 35  | 35   |

# I7

## SHELVЕ LIGHTING: LAMP FITTED IN A U-SHAPED PROFILE BEHIND THE SHELVЕ



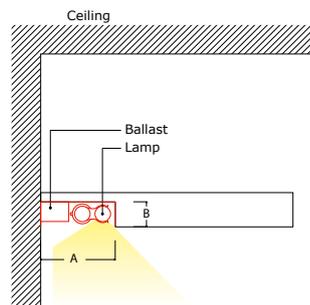
### 1 row of lamps type LT5-B5

The shelves are lit evenly from behind with beautiful light, lengthwise above and below, against the wall. The ballast and electrodes are recessed into the shelf, the lamp is fitted behind the shelf. Both straight and curved forms are possible.

|   | Min | Opt. |
|---|-----|------|
| A | 35  | 50   |
| B | 30  | 50   |
| C | 25  | 35   |
| D | 40  | 50   |

# I8

## SHELVЕ LIGHTING: DOWNLIGHTING. LAMP, BALLAST AND CABLING FITTED ON A PLATE, BELOW RECESSED INTO THE SHELVЕ



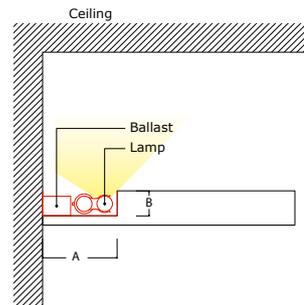
### 1 row of lamps type LT5-B5

The wall behind the shelf is beautifully and evenly lit below the shelf. This set-up can be achieved both for straight and curved shapes.

|   | Min | Opt. |
|---|-----|------|
| A | 35  | 50   |
| B | 30  | 50   |

# I9

## SHELVЕ LIGHTING: UPLIGHTING. LAMP, BALLAST AND CABLING FITTED ON A PLATE, ABOVE RECESSED INTO THE SHELVЕ



### 1 row of lamps type LT5-B5

The wall behind the shelf is beautifully and evenly lit above the shelf. This set-up can be achieved both for straight and curved shapes.

|   | Min | Opt. |
|---|-----|------|
| A | 35  | 50   |
| B | 30  | 50   |