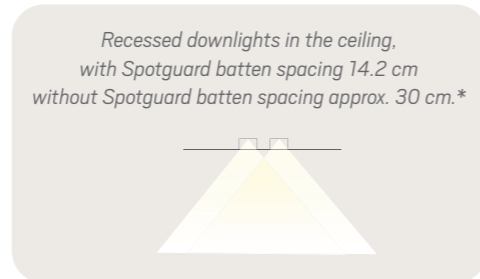
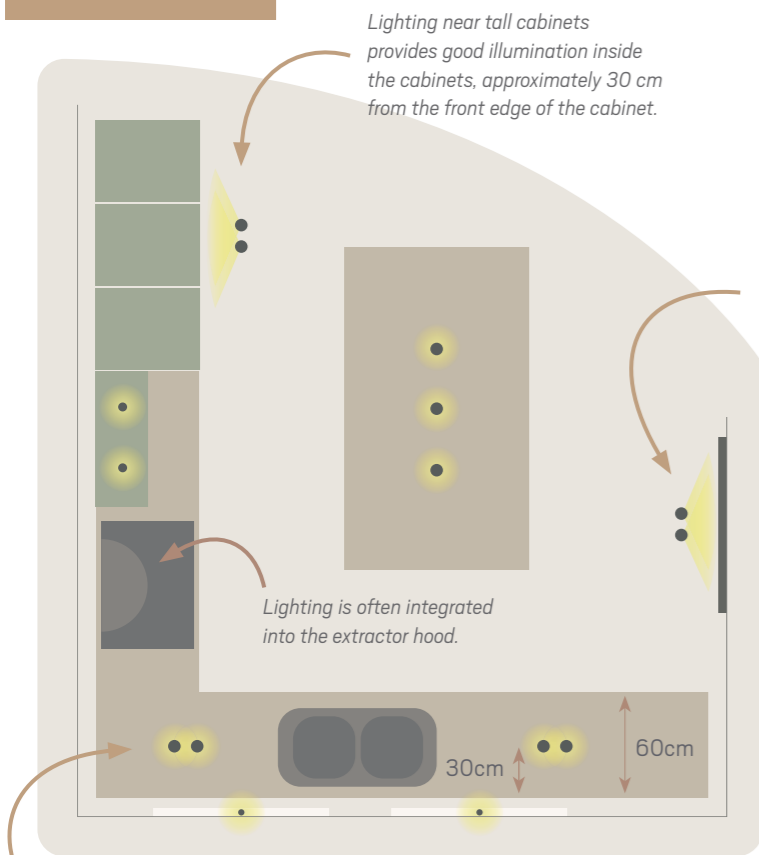


CONSIDERATIONS QUICK GUIDE

- 1 What are the conditions of the room?**
 - ceiling height and ceiling type
 - maximum installation depth
 - materials, colors and details
- 2 How should the room be illuminated?**
 - task lighting, e.g. a kitchen worktop
 - decorative lighting, e.g. window recesses, walls and objects
 - general lighting, e.g. kitchen, entrance and bathroom
- 3 Which luminaire is suitable?**
 - color temperature
 - product color and design
 - surface-mounted/recessed installation

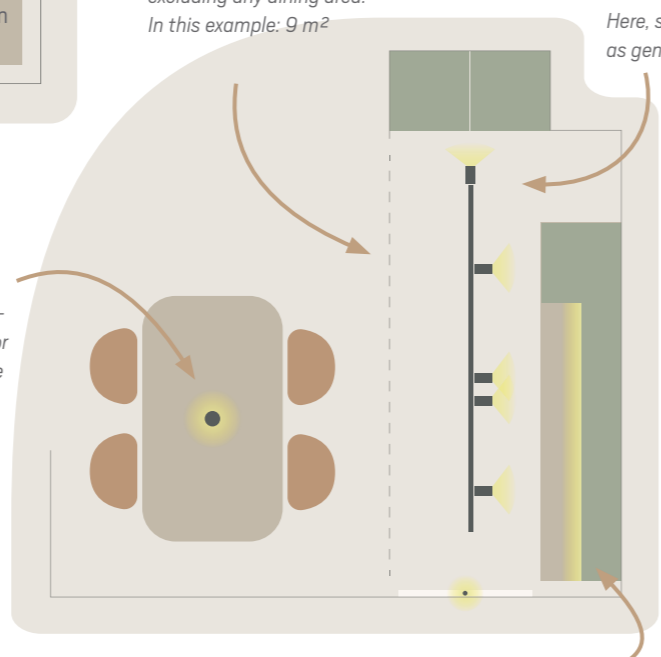
KITCHEN



Consider adding lighting towards a feature wall with artwork, and group downlights for a more decorative expression.

To determine the area of a kitchen, measure the part of the room where the work surfaces are located, excluding any dining area. In this example: 9 m²

Here, spotlights act as general lighting.



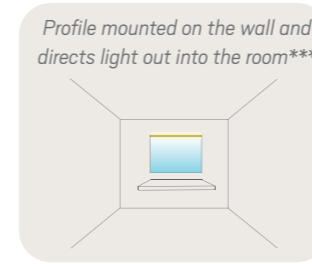
LED strip lighting under the wall cabinets provides even illumination across both the wall and the worktop.

Lighting design is not static

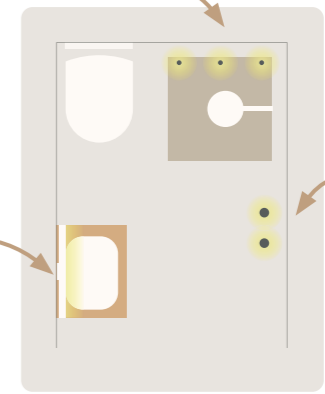
– There is no one solution that works everywhere. Lighting design is about highlighting the room and adapting the light to the areas where it is needed.

With this quick guide, we want to provide tips and ideas on how to create lighting for the most common rooms in a home.

BATHROOM



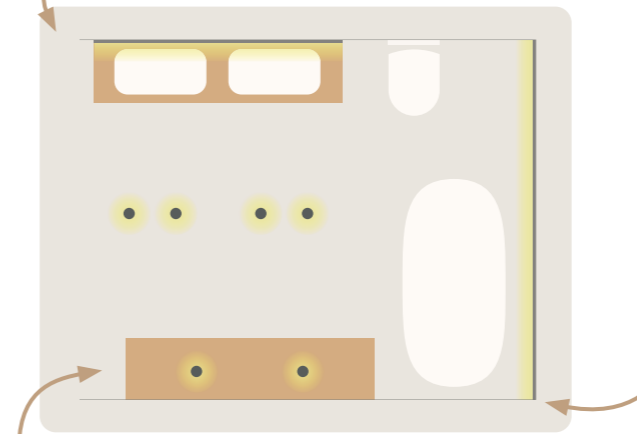
Med små downlights (IP44) i duschen ca 5cm från vägg undviker du skuggor från duschmunstycket.



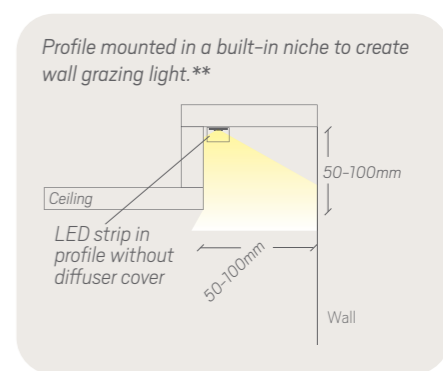
Mirror IP44 above the mirror provides a soft and indirect light on the face.

Consider illuminating a wall with downlights as an effective complement to the mirror lighting.

Concealed LED strip lighting behind the mirror provides a soft and indirect light on the face.

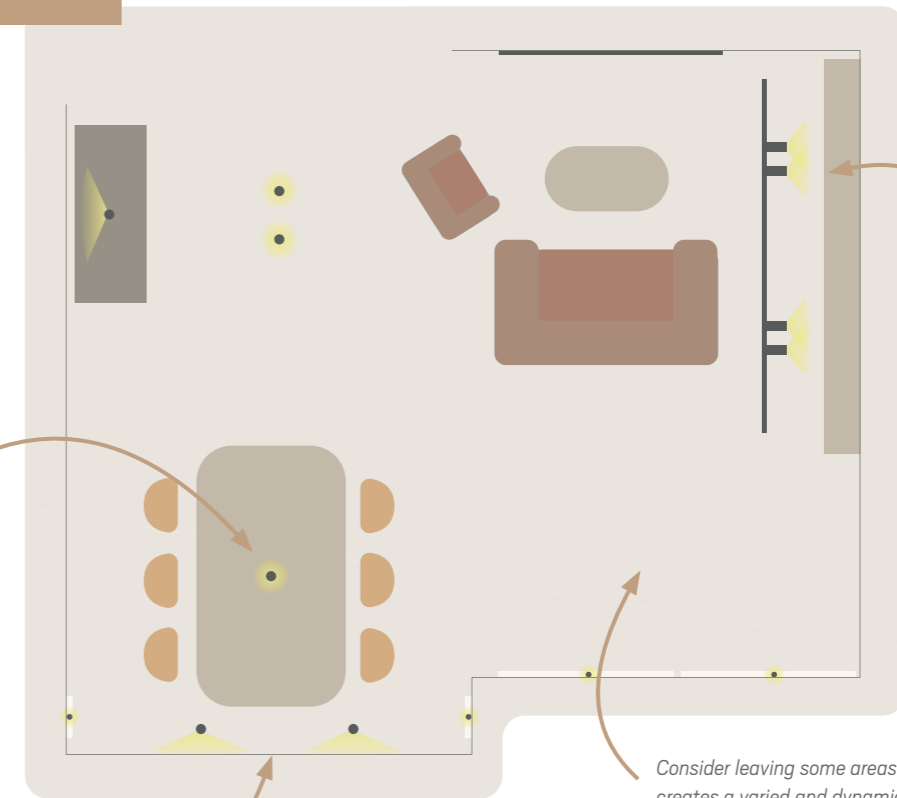


Lighting above the work surface near the washing machine and tumble dryer provides good task lighting.



Consider illuminating the wall behind the bathtub with indirect light from an LED strip. An attractive focal point when entering the bathroom.

FAMILY ROOM



Consider complementing the lighting with an interior pendant luminaire for a more varied lighting design.

Highlighting details, such as a bookshelf, creates an attractive framing for the room while also contributing to the general lighting.

A track system provides flexibility, allowing the lighting to be grouped, directed and repositioned as needed.

With lighting directed towards a wall, you create a view that naturally draws the eye.

Consider leaving some areas without lighting, as this creates a varied and dynamic lighting design.

See more information in installation drawing A. Group luminaires. Available at www.hidealite.com/knowledge
 **See more information in installation drawing E. Mirror lighting. Available at www.hidealite.com/knowledge
 *See more information in installation drawing C. Niche lighting. Available at www.hidealite.com/knowledge

ILLUMINATE YOUR HOME WITH LED LIGHTING

APPLICATION

The guide is intended as a guideline for calculating an approximate number of luminaires required to achieve good general lighting. The calculations should be regarded as indicative only.

For more detailed lighting planning, please contact us. Contact information is available at Hide-a-lite.com

HOW DO I DO IT?

A living room of 24 m² with a ceiling height of 2.5 m is to be illuminated using Comfort G4. In the table on the right, you can see that 1 luminaire is required per 4 m².

$$24\text{m}^2 \div 4 = 6$$

We need 6 luminaires to achieve good general lighting in the living room with Comfort G4.

Color temperature

Measured in Kelvin (K) and describes the color tone of the light.

- Warm white 2700–3000 K
- Candlelight approx. 1500 K
- Incandescent bulb 2700 K
- 12 V halogen bulb 3200 K

Luminous flux and power

Luminous flux – The amount of light emitted by a luminaire, measured in lumens (lm).

Power – The amount of energy consumed by a luminaire, measured in watts (W).



Luminous efficacy – A measure of efficiency, describing how much light is produced per watt consumed and indicating how energy-efficient the light source is. Measured in lumens per watt (lm/W).

For more detailed information about the luminaire's light output in lumens, see our LED School, pages 282–286.












MORE INFORMATION

Please visit our website Hide-a-lite.com for more tips and ideas on how to create lighting with LED solutions.

We reserve the right for any errors and reserve the right to make changes.

	Product / Description	Window Lighting			
		Window Width	Vertical Window	Square Window	Horizontal Window
	7392971139876 Core Smart Tilt 3000K 45° Small, exclusive accent luminaire of the highest quality for indoor use, adjustable 30°. Suitable for window recesses where directional lighting is required.	-	1pcs/2m	1pcs/1,5m	-
	7392971134109 Core Smart 3000K 15° 7392971134147 Core Smart 3000K 45° 7392971134246 Core Smart 3000K 120° Kun 1,2 W/350 mA. Hulmål 25 mm. Passer godt i hylder og vinduesnicher..	- - -	1pcs/0,9m 1pcs/2m -	- 1pcs/1,5m -	- - 1pcs/1,2m

The table above indicates the number of Core units per started length unit of the window width. If, for example, you have a horizontal window that is 2.4 m wide, divide by 1.2 m = 2 pcs. This means that 2 pcs. Core 120 are required.

	Product / Description	GENERAL LIGHTING				TASK LIGHTING				DECORATIVE LIGHTING	
		Family room, living areas, bedrooms, dining area		Entrance, bathroom, WC, kitchen (excluding dining area)		Utility room	Storage room and garage	Without wall cabinets (centered over the depth of the kitchen worktop)		Under wall cabinets (centered over the depth of the kitchen worktop)	Towards a wall (directed straight down 20–30 cm, directed towards the wall 60 cm)
		Approximate ceiling height 2,5m	Approximate ceiling height 5m	Approximate ceiling height 2,5m	Approximate ceiling height 5m	Approximate ceiling height 2,5m	Approximate ceiling height 2,5m	Approximate ceiling height 2,5m	Approximate ceiling height 5m		
	7392971139982 Level Quick ISO, 3000K Fixed recessed light point for increased glare control. Optic Quick ISO is approved for installation directly against insulation.	Approx 1pc/4m ²	Approx 1pc/3m ²	Approx 1pc/2m ²	Approx 1pc/1,5m ²	Approx 1pc/2m ²		cc 60-80cm	cc 60-80cm		cc 60-100cm
	7392971139913 Optic S Quick ISO, 3000K 7392971146676 Optic G2 Quick ISO, 3000K 7392971146928 Optic G2 L Quick ISO, 3000K 7392971130873 Optic XL, 3000K Well-developed reflector technology and mechanical glare control. Optic G2 Quick ISO and Optic G2 L Quick ISO are approved for installation directly against insulation.	- Approx 1 pc/4m ² Approx 1 pc/4m ² -	- Approx 1 pc/3m ² Approx 1 pc/6m ²	- Approx 1 pc/2m ² Approx 1 pc/2m ² -	- Approx 1 pc/1,5m ² Approx 1 pc/3m ² -	- Approx 1 pc/2m ² Approx 1 pc/2m ² -		- cc 60-80cm cc 60-80cm cc 60-80cm	- cc 60-80cm cc 60-80cm cc 60-80cm		cc 60-80cm cc 60-100cm cc 60-100cm -
	7392971128733 Comfort Quick ISO, 3000K 7392971144634 Comfort Twist Quick ISO, 3000K 7392971146546 Comfort G4 Quick ISO Tilt, 3000K 7392971146492 Comfort G4 Quick ISO, 3000K Lens and light distribution designed to create a halogen-like feel. All models are approved for installation directly against insulation.	Approx 1 pc/3m ² Approx 1 pc/3-4m ² Approx 1 pc/4m ² Approx 1 pc/4m ²	Approx 1 pc/2,5m ² Approx 1 pc/2,5-3m ² Approx 1 pc/3m ² Approx 1 pc/3m ²	Approx 1pc/1,5-2m ² Approx 1 pc/2m ² Approx 1 pc/2m ² Approx 1 pc/2m ²	- - Approx 1 pc/1,5m ² Approx 1 pc/1,5m ²	Approx 1 pc/1,5m ² Approx 1 pc/2m ² Approx 1 pc/2m ² Approx 1 pc/2m ²		cc 60-80cm cc 60-80cm cc 60-80cm cc 60-80cm	cc 60-80cm cc 60-80cm cc 60-80cm cc 60-80cm		cc 80-100cm cc 80-100cm cc 80-100cm cc 80-100cm
	7392971136134 Globe G2 Recessed, 3000K 7392971136196 Globe G2 Surface, 3000K 7392971136257 Globe G2 Pendant, 3000K Exclusive downlight with a modern design and bowl-shaped reflector. The deeply recessed light source provides glare-controlled lighting.	Approx 1 pc/4m ² Approx 1 pc/4m ²	Approx 1 pc/3m ² Approx 1 pc/3m ²	Approx 1 pc/2m ² Approx 1 pc/2m ²	Approx 1 pc/1,5m ² Approx 1 pc/1,5m ²	Approx 1 pc/2m ² Approx 1 pc/2m ²		cc 60-80cm cc 60-80cm	cc 60-80cm cc 60-80cm		Adapted to the length of the work surface/table
	7392971129792 Mirro, 3000K Timeless mirror luminaire in white-painted aluminium with an opal diffuser, providing an even light distribution. Good color rendering, RA>90, IP44 rated.			Above the mirror or mounted on a mirror cabinet							
	7392971130729 1202 Smart, 3000K Mini downlight with a low installation height. Excellent for recessed installation in, for example, cabinets, shelves and niches. Equivalent to and replaces 25–30 W halogen luminaires.	Approx 1 pc/2m ²	Anbefales ikke.	Approx 1 pc/1m ²	Not recommended.	Approx 1 pc/1m ²				cc 50-60cm	
	7392971148878 Thin G2, 3000K Only 10 mm installation depth without plastic clips (standard 12 mm). For lighting in under-cabinets and shelves, in IP44 version.									cc 35cm	
	7392971153209 Flexline 300, 2700K/3000K/4000K 7392971153216 Flexline 500, 2700K/3000K/4000K 7392971153223 Flexline 1000, 2700K/3000K/4000K 7392971153230 Flexline 2000, 2700K/3000K/4000K Looks great on vertical surfaces with an even and soft light distribution.									Adapted to the length of the cabinets	Adapted to the length of the wall
	7392971141251 Moon Slim 320 FDIM 7392971145303 Moon Slim 380 FDIM					Approx 1 pc/4m ² Approx 1 pc/4m ²	Approx 1 pc/6m ² Approx 1 pc/9m ²				
	7392971149240 Liteline G2 IP44 600 7392971149301 Liteline G2 IP44 1200					Approx 1 pc/12m ² Approx 1 pc/20m ²	Approx 1 pc/10m ² Approx 1 pc/20m ²				
	7392971151281 Optic Track XXS 1-fas 36°, 2700K/3000K 7392971151342 Optic Track XS 1-fas 36°, 2700K/3000K 7392971151236 Optic Spot XXS 36°, 2700K/3000K 7392971151250 Optic Spot XS 36°, 2700K/3000K Note! 70–90 cm from the wall for directional lighting.										cc 80-100cm cc 100-120cm cc 80-100cm cc 100-120cm

- See the relevant product for the complete range

GUIDE ASSUMPTIONS

We assume that the rooms have light-colored walls, a white ceiling and a standard type of flooring. We also assume that the lighting is complemented with decorative lighting, such as pendant, floor, wall and/or window lighting.