

PHILIPS

Application bundles



Butcher

Combine different LED luminaires for maximum performance and savings

Up to
50%
energy savings



Your Butcher application bundle:
CoreLine Downlight
LED20S & GreenSpace
Accent Fresh Food Meat

Butcher lighting insights

A trip to the butchery is a trip to the imagination. After all, your choice of meat or poultry defines the character of your entire meal.

The magic word is: fresh. In a butcher's shop, the products on display have to look fresh and appealing. Philips's Fresh Food Meat lighting solution enhances the redness of the meat, making the cuts look their very best. Also, it extends the shelf life and minimizes food discoloration due to light, which helps to reduce waste.



More info:
[www.philips.com/
applicationbundles](http://www.philips.com/applicationbundles)

Traditional

Conventional 2x18 W PL-C (8x) + 50 W SDW-TG (4x)

Savings over life*

€1980,-

€3996,-

€2016,-

Application bundle

CoreLine Downlight (8x)
+ GreenSpace Accent Fresh Food Meat (4x)

* Based on European average of 12 cent/kW hours including maintenance and lamp replacement cost.

Bundle benefits

CoreLine Downlight LED20S



- Replacing compact fluorescent
- Energy saving

GreenSpace Accent Fresh Food Meat*



- Perfect Accent lighting for highlighting fresh meat
- Replacing white SON
- Energy saving

* Instead of the GreenSpace Accent Fresh Food Meat, you can also use a track-mounted option: the EcoStyle Fresh Food Meat projector - EOC order code: 85340500 (white) or 85339900 (black). This alternative also enhances the redness in the meat display. Lighting design will differ slightly if alternative products are used.

Bundle specifications

	CoreLine Downlight LED20S	GreenSpace Accent Fresh Food Meat*
Type	DN130B LED20S/840 PSU PI6 WH	RS342B LED19S/FMT PSU-E WB II WH
Power	22 W	36 W
Luminous Flux	2100 lm	2300 lm
Color temperature	4000 K	Fresh Food Meat
Color Render Index	≥ 80	87
Lifetime	50,000 hours	70,000 hours
Number of luminaires on MCB 16A type B	≤ 15	≤ 40
Ordering (EOC) code	85271200	26334100
Cut-out diameter	200 - 205 mm	175 mm

Lighting design insights

Glare and shadows

Limit the projector angle to <math>< 20^\circ</math> to avoid glare for the staff and customers' shadows on the display.

Brightness

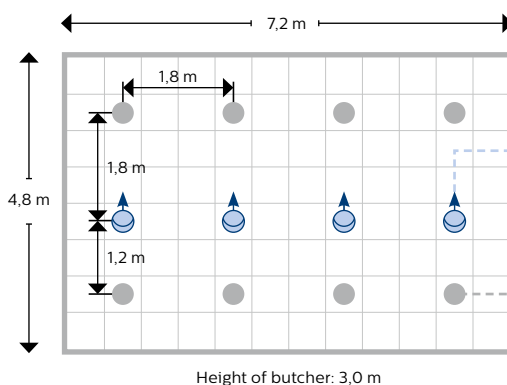
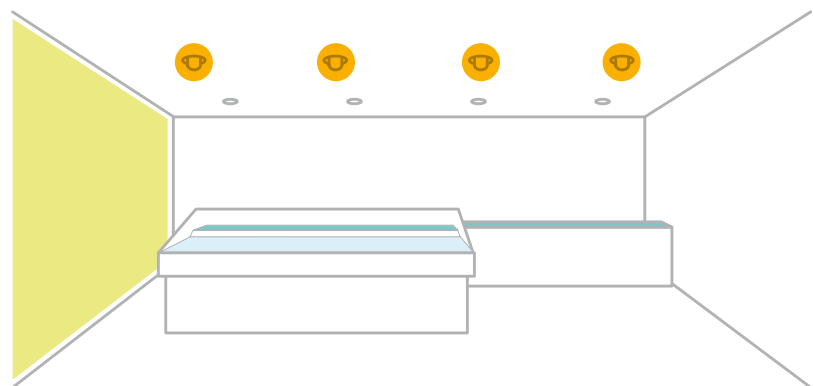
Light the walls to communicate that the store is open and make it appear more spacious. Max. downlight-to-wall distance: 1,2 m.

Task light

Use downlights in the working environment for countertop task lighting, EN 12464-1 norm requires 300 lux in sales areas.

Accent lighting

The human eye is drawn to higher brightness. Use accent lighting to create contrast and highlight the display.



Lighting design butcher



Luminaire types	# Lum.	Em [lux]	Em [lux] counter	Sys. Power	Installed Power	W/m2	W/m2/100lux
Conventional PLC 2x18 W downlight	8	518	854	51 W	653 W	18,9	3,7
Conventional SDW-TG 50 W accent spot	4			62 W			
CoreLine Downlight LED20S	8	626	987	22 W	320 W	9,2	1,5
GreenSpace Accent LED19S Fresh Food Meat	4			36 W			