

PHILIPS

Application bundles



Small storage

Combine an LED luminaire with an intelligent control for maximum performance and savings

Up to
70%
energy savings

Your Small storage application bundle:
CoreLine Batten LED38S & Movement detector LRM1032



Small storage lighting insights

You're searching for that file, or that special component – and you need it now! Knowing where to look makes all the difference.

Storage spaces can be cramped and busy. With the right lighting, however, they can still be accessible and easy to navigate. Clear white light from carefully placed luminaires creates the right atmosphere, while motion-detector sensors also offers big energy savings of up to 70%.



More info:
www.philips.com/applicationbundles

Traditional

Conventional batten 2x36 W TLD (4x)

Savings over life*

€1379,-

€1859,-

€480,-

Application bundle

CoreLine Batten LED38S (4x) incl. detector

* Based on the European average of 12 cent/kW hours (including maintenance and lamp replacement cost) and the lighting design for this application bundle.

Bundle benefits

CoreLine Batten LED38S



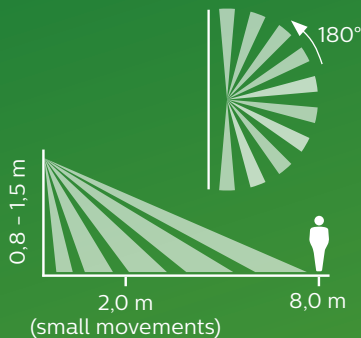
- Replacing conventional TL-D
- Energy saving
- No UV-emission

Movement detector LRM1032



- Movement detector unit replaces traditional light switch
- Turns off lighting when not required

Detection coverage diagram



Bundle specifications

CoreLine Batten LED38S

| | | |
|--|-----------------------------|--------|
| Type | BN120C LED38S/830 PSU L1200 | |
| | BN120C LED38S/840 PSU L1200 | |
| Power | 40 W | |
| Luminous Flux | 3800 lm | |
| Color temperature | 3000 K, 4000 K | |
| Color Render Index | ≥ 80 | |
| Lifetime | 50,000 hours | |
| Number of luminaires on MCB 16A type B | ≤ 24 | |
| Ordering (EOC) code | 89961699 | 3000 K |
| | 89957999 | 4000 K |

Movement detector LRM1032

| | | |
|--------------------------------------|---------------------------------|-----------------------|
| Detecting range at 0,8 -1,5 m height | 8 m | |
| Recommended mounting height | 1,2 m | |
| Switch off delay | 10 sec. - 30 min. (10 settings) | |
| Number of luminaires on one control | ≤ 10 | |
| Ordering (EOC) code | 44225800 | LRM1032 3w |
| | 44227200 | LRM1032 2w (retrofit) |

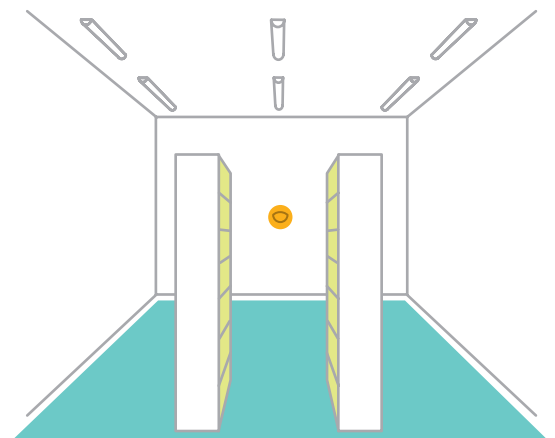
Lighting design insights

Room elements

Room elements as shelves and drawers affect the light distribution. Try to position the luminaires between these elements. This will create a good vertical illuminance.

Controls

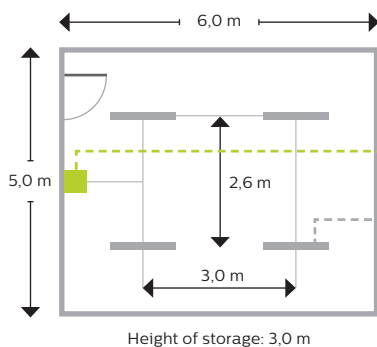
When placing a presence detector consider entrances and furniture in the room to ensure detection coverage.



Illuminance requirements

EN12464-1 requirement at floor:
100 lux for storage rooms &
200 lux for archives. Higher levels increase visibility.

Lighting design small storage



Luminaire types

Conventional batten 2xTL-D 36 W

CoreLine Batten LED38S

| # Lum. | Em [lux] | Sys. Power | Installed Power | W/m2 | W/m2/100lux |
|--------|----------|------------|-----------------|------|-------------|
| 4 | 193 | 72 W | 288 W | 9,6 | 5,5 |
| 4 | 163 | 40 W | 160 W | 5,3 | 2,2 |