

# Smarter upgrades. More profitable solutions.

Your lighting partner from A to Z



Lighting accounts for 15-20% of global electricity consumption and 5% of global greenhouse gas emissions.

Glamox creates lighting solutions that improve performance and wellbeing while supporting sustainability through energy-efficient solutions. By upgrading existing lighting installations with efficient and smart luminaires, energy consumption can be reduced by up to 90%.

Our ambition is to be a leader in sustainability in our industry.

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## Products and possible replacements

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# How much can you save?

Let us help you calculate the energy savings and payback period for your lighting solution.

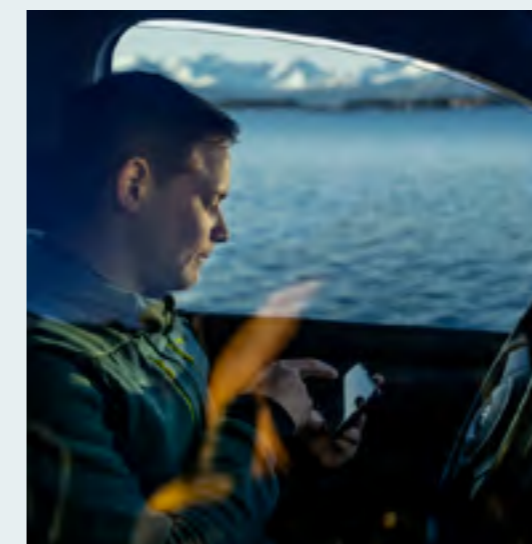
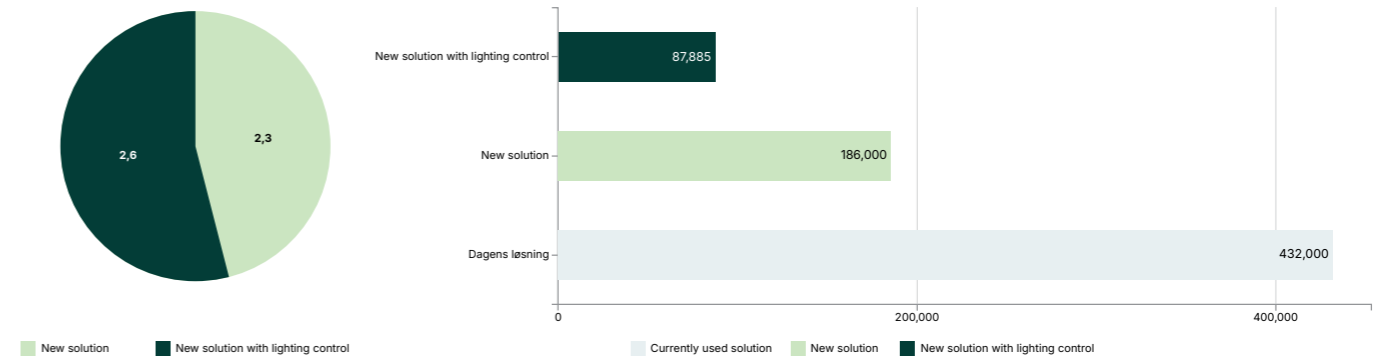


## Investment calculator

Our investment calculator calculates the payback period for an investment in an LED lighting installation, or an LED lighting installation with lighting control, compared to an existing installation with conventional light sources.

All mandatory fields in the calculator have already been filled in with sample figures. Filling in empty fields will make the calculation more accurate, but the calculator will work fine without filling in these fields.

Try our calculator:



## RoHS quickfinder

Easily find the perfect replacement for your old luminaires. The new luminaires will have a similar lumen output, ensuring the same level of brightness. You can refine your search further to match your specific needs.



# What you need to know about the RoHS Directive

Plan your transition to sustainable lighting solutions

In 2023, the lighting industry phased out light sources containing mercury in accordance with the RoHS Directive.

**The RoHS Directive – short for Restriction of Hazardous Substances** – is part of the EU's goal to phase out unnecessary toxic chemicals that are harmful to the environment and public health. As a result, light sources with high mercury content are being banned, requiring many buildings to upgrade their lighting installations.

## A ban on mercury in light sources

Light sources containing high levels of mercury have been shown to have a significant negative impact on the environment. The EU therefore wants to phase them out through new restrictions and legislation. As a result, many tonnes of this toxic chemical element will no longer pollute the environment. While some light sources have already been banned, the widely used T5 and T8 lamps will also be phased out in the near future.



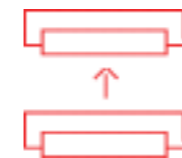
## Alternative ways for businesses to upgrade to LED

There is a huge amount of LED lighting available on the market today, with different characteristics and quality, made by a variety of suppliers. Therefore, it can be difficult to find the right solution that will not compromise on quality and still be cost-effective.

**EU timetable of restrictions on mercury lamps for general lighting**

Lighting product	Date of Restriction & Relevant Legislation
CR	1 September 2011 - RoHS1
CR - H	21 February 2012 - RoHS2
Long life CFL	25 August 2012 - RoHS2
T2	1 September 2017 - RoHS3
T5	23 August 2023 - RoHS4
T8	25 August 2023 - RoHS4
T10	1 September 2023 - RoHS4
Long life LED	25 February 2023 - RoHS4

# Three options for modernising existing installations



## Replace the entire luminaire 1:1

A quick transition to modern LED lighting – without any serious renovations.

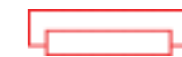
- / Long service life
- / Optimal energy savings – estimated at 50–90%
- / Short preparation time
- / A short to medium payback period
- / Full flexibility when using wireless lighting control



## Replace the entire light insert

Use an LED kit, but keep the existing luminaire housing and optics.

- / Long service life
- / Short installation time
- / Optimal energy savings – estimated at 50–90%
- / No need to renovate ceilings/walls
- / Sometimes a more sustainable solution
- / The product is documented, tested, and approved by the manufacturer
- / Where possible, you get full flexibility when using wireless lighting control



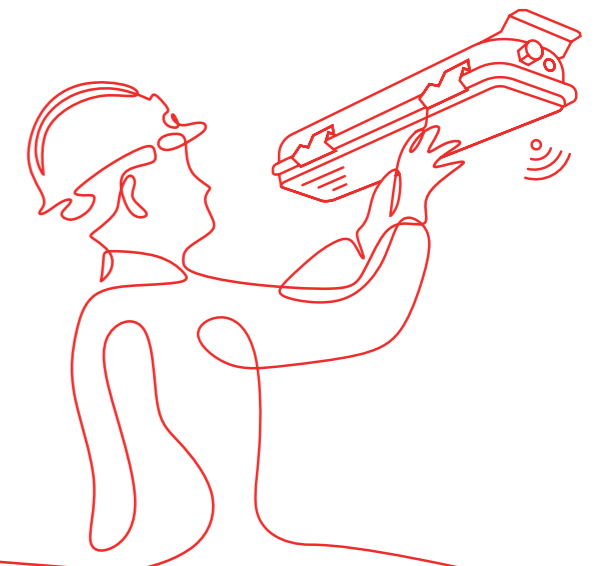
## A new lighting solution

A customised LED luminaire for future needs.

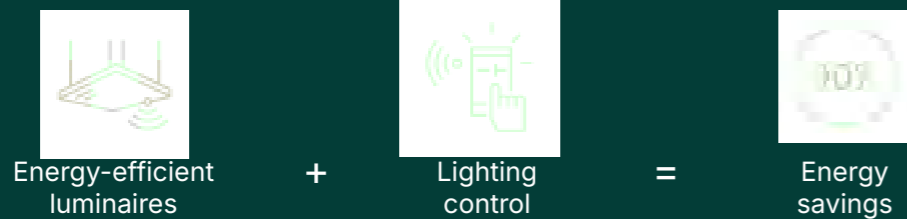
- / Long service life
- / Medium energy savings estimated at 40–50%
- / A lighting calculation with optimised placement/lighting design can save up to 50% on luminaires
- / Full flexibility when using wired/wireless lighting control



Contact your local sales consultant to find the best possible lighting solution for your project.



Let us help you save on costs and achieve a sustainable and energy-efficient building!



Upgrading your lighting installation with both LED lighting and smart lighting control systems can reduce your energy consumption on lighting by up to 90%.



Reduce your electricity bill



Reduce maintenance costs



Short payback period

This kind of an leads to lower electricity and maintenance costs, and with today's high energy prices, the cost of the upgrade can be recovered in a very short time. The significantly longer service life of LED lighting also means less waste and less pollution.

## Customised LED kits from Glamox

We work closely with our customers to develop solutions that suit each individual project – technically, architecturally, and financially.



### Hospital – Rikshospitalet

Through close collaboration, Glamox developed an LED kit for the original luminaires at Rikshospitalet. The solution allowed for quick installation with minimal downtime – an absolutely critical requirement in a building that must be in continuous operation, 24/7.

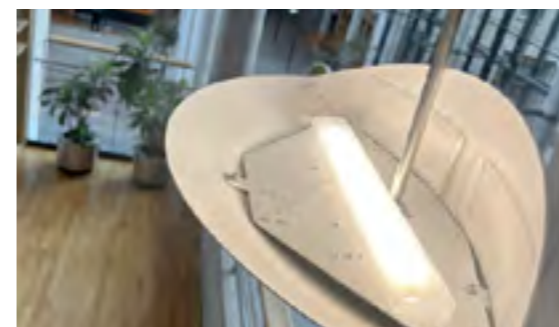
**“We worked with Glamox to develop an LED kit for our luminaires at the hospital. The close collaboration gave us a solution that both reduced downtime and made installation easy.”**



### Gardermoen Airport – arrivals hall

There are approximately 450 pendant luminaires at Gardermoen Airport. When these were due for an LED upgrade, Glamox was the company to call. To avoid extensive cabling work, we developed a solution that enabled a fast and efficient upgrade without the need for new wiring – a competitive solution that saved both time and costs.

**“We wanted a simple solution for upgrading the luminaires at Gardermoen. With Glamox, we didn't need to install new cables, and the whole process was both faster and smoother.”**



### The Telenor building in Bergen – architectural preservation

During the renovation of the Telenor building, the property owner wanted to preserve its original appearance. Glamox developed a customised LED kit with wireless lighting control, combining high energy efficiency with the building's unique architecture.

**“For us, it was very important to preserve the architectural character of the Telenor building. Together with Glamox, we found a solution that made the upgrade possible without compromising on the design.”**

# The Aass brewery

Significant energy savings with LED + lighting control

82%  
energy savings



400 new i10 luminaires with sensors and wireless lighting control were installed



The system was programmed and commissioned by the customer

**Result**  
Excellent lighting that switches on only where it is needed. Fully dynamic lighting control in all areas!

## Measurements, before and after installation

Representatives from Glamox visited the Aass brewery and began by measuring the its energy consumption. They then carried out calculations based on the proposed new lighting installation and wireless lighting control system, and the initial estimate predicted potential savings of 75%. This level of savings corresponded to an estimated payback period of 3.5 years, and these figures were successful in convincing the Aass brewery's management to give the green light to the project.

Ultimately, the new lighting installation delivered savings of 82% on lighting alone. However, the more efficient use of lighting also reduced spending on cooling – which costs even more.

The project resulted in improved light quality, higher light levels, and a better working environment for all employees in the building. The lighting is now used only where and when it is needed, extending the service life of the installation and reducing maintenance costs for the building owner. In addition to creating a smarter and more flexible building—where changes to the lighting system can be made in-house – the way the building is used has also evolved, offering significant potential for the developer. The customer carried out the commissioning themselves, resulting in a simple solution and a short payback period.

## Our solution

- / 400 pcs. i10 with sensors
- / The customer chose to perform the commissioning themselves

# Finalebanen parking garage

This smart lighting solution reduces energy consumption in the parking facility by up to 92%

92%  
energy savings



170 i40 Wireless luminaires with sensors and wireless lighting control were installed



## Facts

- / Location: Trondheim, St. Olav's Hospital
- / Lighting solution: Glamox i40, Glamox Wireless Radio

**The Finalebanen parking facility in Trondheim is a good example of how a lighting control system can provide both safe navigation and a significant reduction in energy consumption.**

Trondheim Parking, the public parking operator in Trondheim, recently upgraded seven of its facilities with new i40 LED luminaires and a wireless lighting control system from Glamox. At the Finalebanen parking garage, energy consumption has been reduced by up to 92%. At the same time, the new solution ensures safe passage for both cars and pedestrians.

**The smart "follow-me" function**  
Key Account Manager at Glamox, Glen Møller, explains: "The wireless Glamox system uses a 'follow-me' function, which means that when a sensor in a luminaire detects a

moving car or pedestrian, it sends the signal to the next luminaire in the network. Each of the luminaires that picks up the signal communicates with the surrounding luminaires and asks them to increase the light brightness from 10% to 90%. This ensures that the route ahead is always illuminated for the moving car or person. The system maintains a basic lighting level of 10% at all times to provide depth perception and a sense of security."

## Cloud-based reporting

Glamox Wireless gives Trondheim Parking full control over the lighting installation directly from its offices in the city centre via Glamox's cloud-based solution. The solution includes reports on energy consumption, emergency lighting, and maintenance status, which notify the parking company if a luminaire or driver fails.

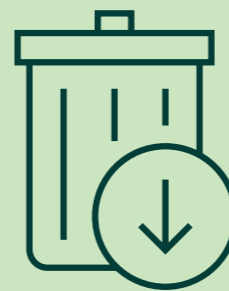
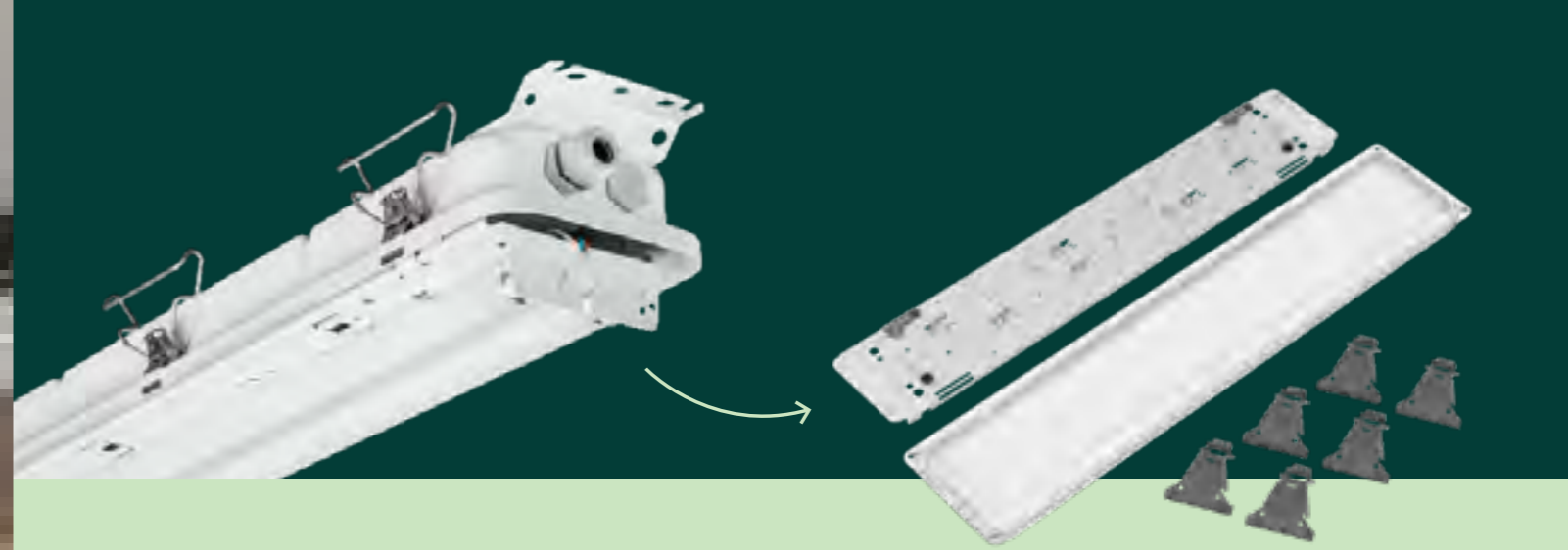


## Customised LED kits

With our **tailor-made LED kits**, you can easily upgrade the internal components of a luminaire without touching the luminaire housing or the existing cabling. This provides a quick and cost-effective transition to modern LED technology, while maintaining the warranty and ensuring

compatibility for many years to come. Our local sales consultants will help you find the best solution for your project. Together with our product engineers, we can offer both standard and customised kits to meet your needs.

Produced  
in Norway



### Examples of reduced waste

- / Total luminaire weight: 6.860 kg
- / The part of the existing luminaire that is removed from the luminaire and recycled: 1.450 kg
- / This results in a 79% reduction in waste from the facility
- / The new LED kit weighs 1.973 kg
- / In addition, the LED kit solution also makes it possible to avoid any further modifications to the ceiling

LED kit	Suitable for the following luminaires	Segment
A10/A20 LED KIT	A10, A20	School / Office
C10 LED KIT	C10-R, C10-S	School / Office
C20 LED KIT	C20-R, C20-S	School / Office
C50 LED KIT	C50-S, C50-R	School / Office
C60 LED KIT	C60-R, C60-S	Healthcare
GPV kit	GPV	Industry
INDI LED KIT	INDI-W, INDI RT/S	School / Office
Laser/Alfa LED KIT	Laser, Alfa	Outdoor
MINI GAMMA LED KIT	MINI GAMMA	Outdoor
MIR/MIL/MIX/MAX LED KIT	MIR, MIL, MIX, MAX	Industry
OLYMPIA LED KIT	OLYMPIA-P	School / Office
UNIVERSAL LED KIT (ULK)*	Many different luminaires	
ZAPP LED KIT	ZAPP-W	School / Office
Custom LED KIT	Many different luminaires	



**Contact your local sales consultant** to find the best possible lighting solution for your project. They will help you find the right standard LED kit for your installation, or work with our product engineers to develop a smart solution that meets your needs.



\*The UNIVERSAL LED KIT (ULK) is a replacement kit for upgrading various luminaires with T5 and T8 light sources to an energy-efficient LED solution. The kit is equipped with magnets for quick and easy replacement. This highly flexible solution fits a wide range of surface-mounted, recessed, and pendant conventional fluorescent luminaires.

# Be prepared for future requirements

New EU directives will introduce changes in the standard for buildings with energy requirements above 290 KW, taking effect no later than 1 January 2027.



The following three key EU directives are currently being actively implemented:

- / The Renewable Energy Directive
- / The Energy Efficiency Directive
- / The Energy Performance of Buildings Directive (EPBD)

These directives impose new requirements for energy efficiency, digital control, and data collection in buildings. The aim is to reduce energy consumption and increase the share of renewable energy: Lighting systems are defined as part of a building's "technical" installations and are therefore also subject to these requirements.

## What does this mean for lighting systems?

- / **Automated control:** Lighting must be digitally controlled and monitored
- / **Data collection:** The systems must report at least energy consumption and maintenance data!
- / **Integration:** The lighting system must be integrated into the building's BMS/SD system
- / **Stricter energy requirements:** From 1 January 2029 at the latest, buildings with energy requirements exceeding 70 kW will also be subject to these requirements – this includes almost all commercial buildings today



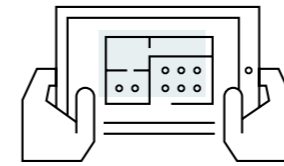
# Glamox Wireless Radio – the lighting control of the future

Glamox Wireless Radio is a wireless solution that makes it easy to meet the requirements of the new EU directives – without extensive renovations.

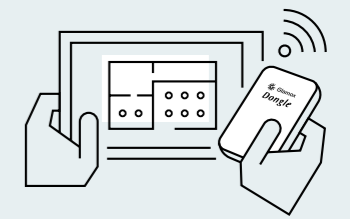
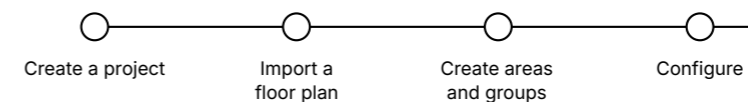


## Advantages of Glamox Wireless Radio

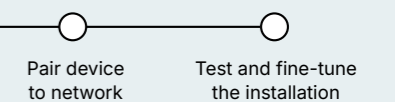
- / **Wireless installation:** No need for new cables – perfect for refurbishment projects
- / **Cloud-based monitoring:** Provides insight into energy consumption, emergency lighting, and space utilisation
- / **Integration:** Supports API, MQTT, BacNet, and Modbus – ready for BMS
- / **Scalability:** From a single luminaire to an entire building – flexible and future-proof
- / **Sensor control:** Motion and daylight sensors provide automatic lighting control
- / **Quick commissioning:** Planning and connection via a tablet – the fastest on the market



### Offsite



### Onsite



**85-90 %**  
energy  
savings





## Results from practice

In retrofit projects, Glamox Wireless Radio has reduced power consumption by up to 85–90% compared to traditional lighting systems. The system also provides reports on energy consumption and status – fully aligned with EU requirements.

Here, you can see standard 600x600 luminaires and suggestions for suitable replacement products.

Product examples

Can be replaced with

	
<p><b>C10-R</b> C10-R600 414HF 830 CP2 LL</p> <p>Item no. C10055143 Net lumen output 3523 Power consumption 62</p>	<p><b>C77-R</b> C77-R600x600 WH 4000 HF 830 LI 4xSM</p> <p>Item no. C77103056 Net lumen output 3914 Power consumption 27</p>



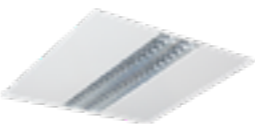












**56%**  
energy  
savings



C77-R

Product examples

Suggested possible solutions

	DLT		Universal LED-kit
	C20-R		C10/C20 LED-kit
	Modul 600		C77-R
	Indilight RI		C30 RIT/RIC
	C30-RIT		C25-R G2
	Minerva		M2
	Circle/Micro module		C90-R
			C95-R



C95

Here, you will find existing 300x1200 solutions and recommended replacement alternatives.

Product examples

Can be replaced with



**C20-R**

C20-R300 228 HF 830 Cp2 SL

Item no. C20039866  
 Net lumen output 4534  
 Power consumption 62



**C77-R**

C77-R300x1200 WH 4000 HF 830 LI 2xSM

Item no. C77099100  
 Net lumen output 3934  
 Power consumption 28

**55%**  
energy savings



C77-R

Product examples

Suggested possible solutions

	Delight RLL/RT		C20 LED kit
	Modul 300		C77-R
	Modul 100		Modul 100 LED
	C20-RL		C80-R



C80

An overview of surface-mounted luminaires and suitable replacement products.

Product examples

Can be replaced with

 <p><b>C10-S1</b> C10-S1 225 228HF 830 LL</p> <p>Item no. C10054120 Net lumen output 3816 Power consumption 62</p>	 <p><b>C77-S</b> C77-S230x1280 WH 4000 DALI 830 1xSM</p> <p>Item no. C77103717 Net lumen output 4021 Power consumption 31</p>
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**49%**  
energy  
savings



C70-S

Product examples

Suggested possible solutions

 <p>C10-S2</p>	 <p>C10 LED kit</p>
 <p>C10-S T8</p>	
 <p>C20-S</p>	 <p>C20 LED kit</p>
 <p>X-Type</p>	
 <p>C50-S</p>	 <p>C77-S</p>
 <p>Delight S/P</p>	 <p>C70-S LED</p>
 <p>Unicon</p>	
 <p>Indilight tak</p>	 <p>C95-S</p>
 <p>Modul S</p>	 <p>C70-S LED</p>

Here, you will find various pendant solutions and recommended replacement alternatives.

Product examples

Can be replaced with

	
<p><b>C20-P2</b> C20-P2 328 HF MNT CP2,5 830 CS3 MI</p> <p>Item no. C20039309 Net lumen output 5491 Power consumption 93</p>	<p><b>C77-P</b> C77-P125x1200 WH 40/60 7000 HF 830 PRE C2.5 SM</p> <p>Item no. C77099567 Net lumen output 6577 Power consumption 56</p>






**40%**  
energy savings



C77-P

Product examples

Suggested possible solutions

	X-type		C70-P
	C20-P3 / P4		C94-P
	E-type		C95-P
	Indilight P		C81-P
	C12-P		C80-P G2
	C10-P1		C88-P
	Reed		



C88-P

Common downlights and suitable upgrade products.

Product examples

Can be replaced with

 <p><b>D20-R</b> D20-R210 126 HF 830 Cp2 SI/WH</p> <table border="0"> <tr> <td>Item no.</td> <td>D20048157</td> </tr> <tr> <td>Net lumen output</td> <td>1301</td> </tr> <tr> <td>Power consumption</td> <td>29</td> </tr> </table>	Item no.	D20048157	Net lumen output	1301	Power consumption	29	 <p><b>D50-R210</b> D50-R210 WH 1600 DALI 830 LI MB</p> <table border="0"> <tr> <td>Item no.</td> <td>CG2132443</td> </tr> <tr> <td>Net lumen output</td> <td>1600</td> </tr> <tr> <td>Power consumption</td> <td>12</td> </tr> </table>	Item no.	CG2132443	Net lumen output	1600	Power consumption	12
Item no.	D20048157												
Net lumen output	1301												
Power consumption	29												
Item no.	CG2132443												
Net lumen output	1600												
Power consumption	12												



59%  
energy  
savings

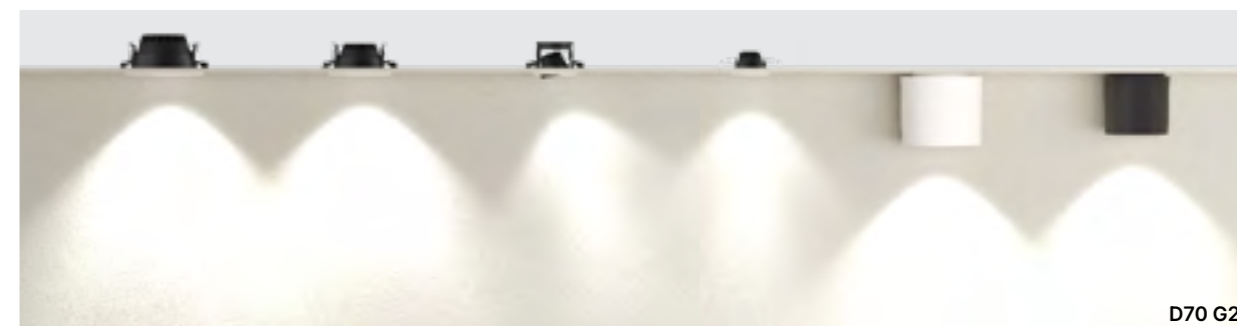


D50

Product examples

Suggested possible solutions

 <p>D60</p>	 <p>D50-R</p>
 <p>GCN</p>	 <p>D70-R G2</p>
 <p>D20-R175/250</p>	 <p>D70-RQ G2</p>
 <p>The Travel family</p>	 <p>D35-R</p>
 <p>D20-S210</p>	 <p>D35-S</p>
 <p>GCAC</p>	 <p>D70-S G2</p>
 <p>The Casa family</p>	
 <p>The DL family</p>	





D70 G2

Suggestions for replacing typical indoor luminaires.

Product examples

Can be replaced with

 <p><b>A40-W 114</b> A40-W 114HF 830</p> <p>Net lumen output 890 Power consumption 17</p>	 <p><b>A3 MIRROR</b> A3-W600 WH 1000 HF 830</p> <p>Item no. A3569350 Net lumen output 947 Power consumption 8</p> <div style="background-color: #004a3d; color: white; border-radius: 50%; padding: 5px; display: inline-block;"> <b>53%</b> energy savings         </div>
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 <p>Sala</p>	 <p>A3 MIRROR</p>
 <p>Tingo</p>	
 <p>Jane</p>	
 <p>SKA 136 F</p>	
 <p>A41 LED</p>	

Product examples

Suggested possible solutions

 <p>Tina T8</p>	 <p>i60 LED</p>
 <p>C45</p>	
 <p>i20 T5</p>	
 <p>Sinus</p>	 <p>A25 LED</p>
 <p>ZAPP</p>	 <p>A25 LED / A35 LED</p>
 <p>A20</p>	 <p>A10/A20 LED kit</p>
 <p>A10</p>	
 <p>Perla</p>	 <p>A15</p>
 <p>Eas</p>	 <p>Motus Pendant</p>
 <p>Indilight Wall</p>	 <p>Walle LED</p>

Luminaires for sports halls and recommended replacement products.

Product examples

Can be replaced with

	
<p><b>C51-S</b> C51-S 249HF SLS</p> <p>Item no. C51S28220 Net lumen output 6639 Power consumption 106</p>	<p><b>C52-S</b> C52-S1500 11000 DALI 840 TW WB</p> <p>Item no. C52124094 Net lumen output 11269 Power consumption 64</p>

**39%**  
energy  
savings



Product examples

Suggested possible solutions







	
<p>C51-R</p>	<p>C52-S</p>
	
<p>Activus</p>	<p>i65</p>
	
<p>GDS</p>	<p>i80 LED</p>



Foto: Jiri Havran

i80 LED











Lighting solutions for industrial environments and relevant replacement alternatives.

Product examples

Can be replaced with

 <p><b>GIR</b> GIR T5 249HF 830 (L) Refl. Item no. GIR031288 Net lumen output 8118 Power consumption 106</p>	 <p><b>i10 G2</b> I10-1700 G2 11000 HF 830 MB Item no. I10107816 Net lumen output 10899 Power consumption 65,70</p>
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**38%**  
energy savings

 <p>Eminent</p>	 <p>i60 LED</p>
 <p>i20 T5</p>	 <p>i80</p>  <p>i65</p>
 <p>GDS</p>	 <p>A90</p>
 <p>i50</p>  <p>i55 T5</p>	 <p>i55 LED</p>

Product examples

Suggested possible solutions

 <p>GPV2</p>	 <p>GPV2 LED KIT</p>
 <p>i40 2x58W</p>	 <p>i40 LED</p>
 <p>MIR T5/T8</p>	 <p>MIR/MIL G2</p>
 <p>MIL T5/T8</p>	 <p>MAX G2</p>
 <p>MAX T5/T8</p>	 <p>MIX G2</p>
 <p>MIX T5/T8</p>	 <p>LED KIT</p>



i10 LED

Luminaires used in healthcare buildings, with suitable replacement products.

Product examples

Can be replaced with

 <p><b>C60-R</b> C60-R/S390 414HF SL/GL</p> <p>Item no. C60048466 Net lumen output 3585 Power consumption 62</p>	 <p><b>C65-S</b> C65-S350X650 LED 4000HF 940 SU/GL</p> <p>Item no. C65092744 Net lumen output 4278 Power consumption 45</p>
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27%  
energy  
savings



C65

Product examples

Suggested possible solutions

 <p><b>C60</b></p>	 <p><b>C60 LED kit</b></p>
 <p><b>Medicus</b></p>	 <p><b>C63-R C64-R</b></p>
 <p><b>C61</b></p>	 <p><b>C61-R</b></p>
 <p><b>Carelite PL</b></p>	 <p><b>Carelite LED</b></p>
 <p><b>LHH</b></p>	 <p><b>LHH LED G2</b></p>





LHH LED G2

Common emergency lighting luminaires and recommended upgrade options.

Product examples

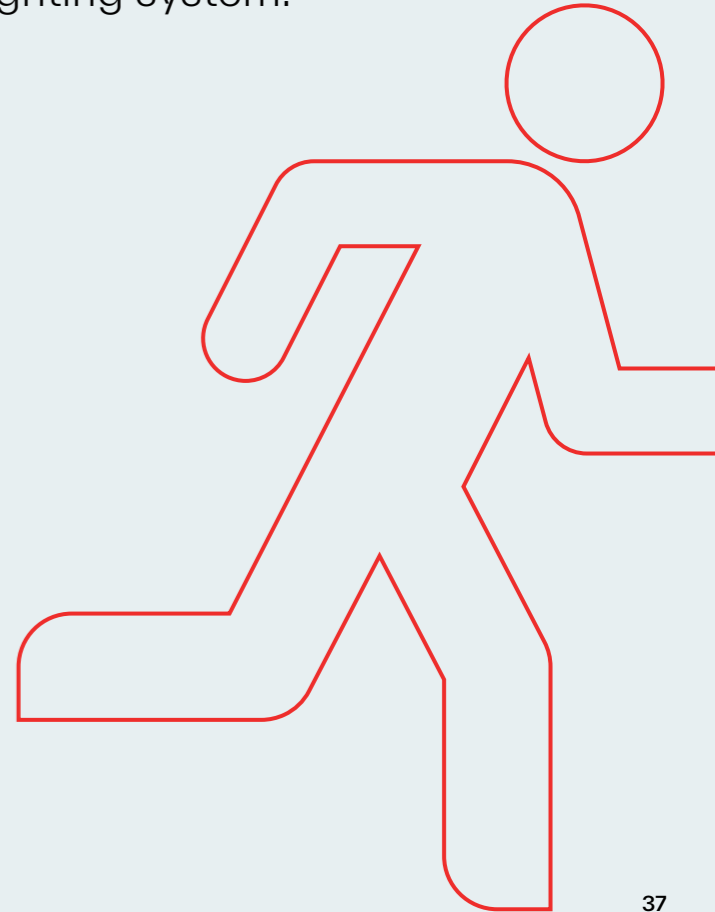
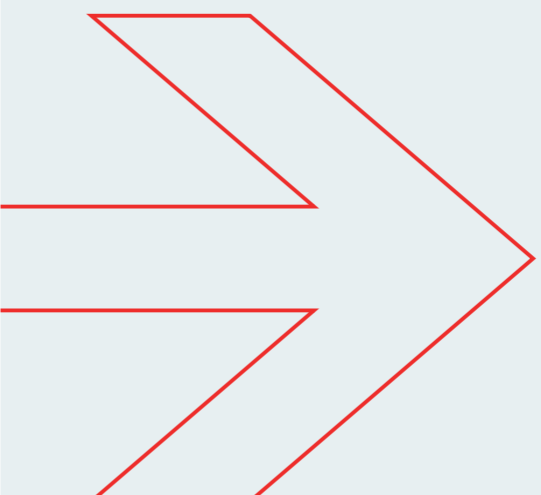
Can be replaced with

 <p><b>GEF</b> GEF 108 E-3/ST Single M/NM</p> <p>Item no. 988812310 Net lumen output 96 Power consumption 9</p>	 <p><b>E20 G2</b> E20-S G2 LED M/NM E1/ST</p> <p>Item no. E20660102 Net lumen output 132 Power consumption 3.3</p> <div data-bbox="1231 472 1380 630" style="background-color: #004a4a; color: white; border-radius: 50%; padding: 5px; display: inline-block;">63% energy savings</div>
--	--

 <p>GEF Exit sign and emergency escape route lighting</p>	 <p>E20 G2 ORTUS</p>
 <p>E75</p>	 <p>E85 COBRA-R LUMI</p>
 <p>GF12</p>	 <p>E30</p>

# An effective emergency lighting system is the key to ensuring **safe evacuation** in the event of a power failure and maintaining a secure environment in your facility.

Glamox offers smart retrofit solutions that integrate seamlessly into existing installations while complying with current European standards and requirements. We work closely with you to identify the most cost-effective and sustainable path to a modern emergency lighting system.



Standard outdoor luminaires and recommended replacement products.

Product examples

Can be replaced with

	
<p><b>Mach 3</b> Mach 3 150W HIT-DE ASY Black</p> <p>Item no. 514250943 Net lumen output 9193 Power consumption 172</p>	<p><b>O54-W</b> O54-W190 10000 HF 840 ASY</p> <p>Item no. 05460038421 Net lumen output 10000 Power consumption 73</p>

**58%**  
energy savings



Product examples



Suggested possible solutions

	Mach 2 70W		NEXT		
	Alfa		O10		LED KIT
	Laser		LED KIT		
	O45		O46		MIKO GRANDE
	O41		O41 LED		
	O43		O55-W		
	JET		O94		O54-W330
	O30		O33		MIKO
	O31		O34 G2		

An overview of spotlight solutions and recommended alternatives.

Product examples










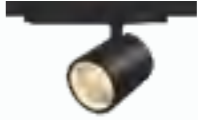
Can be replaced with

 <p><b>S50</b> S50 MAXI 70 HIT G12 40* HVIT</p> <table border="0"> <tr> <td>Item no.</td> <td>514330710</td> </tr> <tr> <td>Net lumen output</td> <td>4753</td> </tr> <tr> <td>Power consumption</td> <td>85</td> </tr> </table>	Item no.	514330710	Net lumen output	4753	Power consumption	85	 <p><b>S80 MIDI LED</b> S80 MIDI BL LED 4000 HF 930 45°</p> <table border="0"> <tr> <td>Item no.</td> <td>S80215316</td> </tr> <tr> <td>Net lumen output</td> <td>3830</td> </tr> <tr> <td>Power consumption</td> <td>35</td> </tr> </table> <div style="background-color: #004a3d; color: white; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <p style="margin: 0;"><b>59%</b> energy savings</p> </div>	Item no.	S80215316	Net lumen output	3830	Power consumption	35
Item no.	514330710												
Net lumen output	4753												
Power consumption	85												
Item no.	S80215316												
Net lumen output	3830												
Power consumption	35												



Product examples

Suggested possible solutions

 <p>S45</p>	 <p>S80</p>  <p>S90 MICRO</p>
 <p>Joker</p>	 <p>S90-R MICRO</p>  <p>S90 FLEX</p>  <p>S90 LINE</p>
 <p>S50 Mini</p>	 <p>S90 SPOT</p>  <p>T2</p>





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