Glamox

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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Learn more

Reference projects

Products and possible replacements

How much can you save?

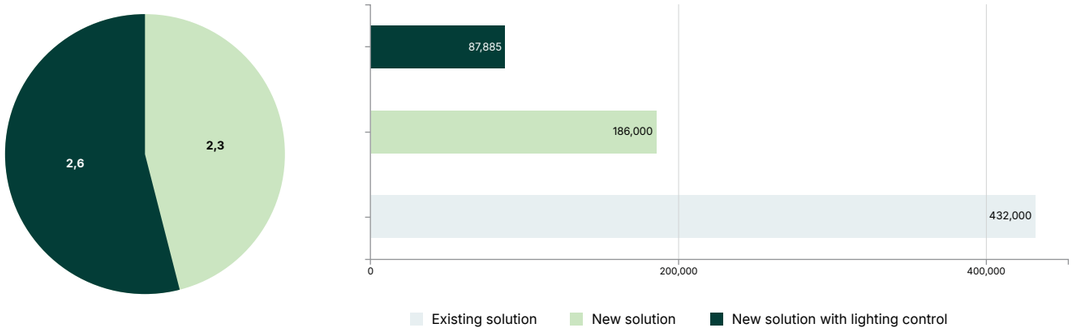
Let us help you calculate the energy savings and payback period for your lighting solution.

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 2023/2024, 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 UK'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 UK 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.

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.

Timetable of restrictions on mercury lamps for general lighting

Lamp Type	EU Phase-out date (legislation)	GB Phase-out date (legislation)
CFLni Non-Integrated	24 February 2023 (RoHS)	1 February 2024 (RoHS)
CFLni Long life (< 30W, ≥ 20,000h)	24 August 2023 (RoHS)	1 February 2024 (RoHS)
T5	24 August 2023 (RoHS)	1 February 2024 (RoHS)
T8 (2', 4' & 5')	24 August 2023 (RoHS)	1 September 2023 (RoHS)
T8 (other lenghts)	24 August 2023 (RoHS)	1 February 2024 (RoHS)
T5/T8 Long-life (≥ 25,000h)	24 February 2023 (RoHS)	1 February 2024 (RoHS)
SON Deluxe (most)	24 August 2023 (RoHS)	1 February 2024 (RoHS)

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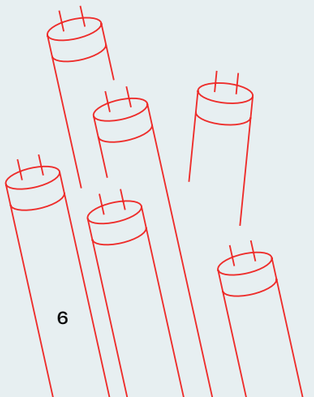
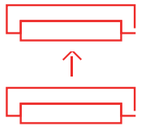
Source: Lighting Industry Association



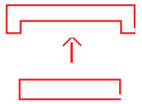
Three options for modernising existing installations



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



Retrofit with an LED kit

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

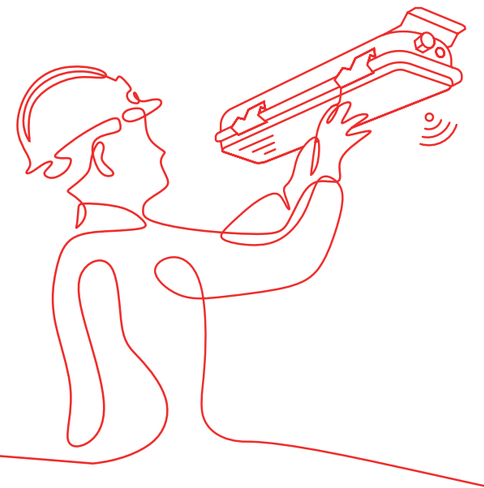
- Long service life
- Short installation time
- Optimal energy savings – estimated at 50–90%
- No need to renovate ceilings/walls
- Sometimes a more sustainable solution
- The product is documented, tested, and approved by the manufacturer
- Where possible, you get full flexibility when using wireless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

Upgrade with custom solutions

A customised LED luminaire for future needs.

- Long service life
- Medium energy savings estimated at 50–90%
- 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!

Energy-efficient luminaires + Lighting control = Energy savings (90%)

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

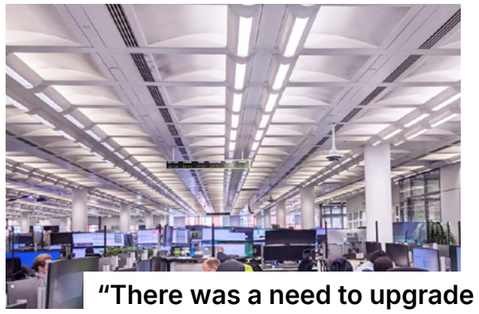
Reduce maintenance costs

Short payback period

This 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.



Office – BNP Paribas, London

Working closely with the client, Glamox developed a bespoke LED retrofit solution for the existing luminaires at the BNP Paribas office in Basingstoke. The upgrade retained the original housings and integrated seamlessly with the installed ceiling system, enabling quick installation while extending the life cycle of the lighting installation.

"There was a need to upgrade the lighting to improve efficiency, while retaining the existing ceiling system. The solution developed by Glamox ensured this was done with minimal disruption."

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."

ABP Ports - Port of Hull

Significant energy savings with LED + lighting control

96% energy savings

400 new HI-Max luminaires with sensors and wireless lighting control were installed

The system was commissioned by Glamox and fine-tuned by ABP Ports.

Measurements, before and after installation
Representatives from Glamox visited ABP Ports at the Port of Hull Terminal to assess the site's existing lighting performance and energy usage. The team carried out detailed measurements of the 24/7 operational environment, followed by calculations based on a proposed upgrade to LED luminaires combined with a wireless lighting control system. Early modelling indicated that the solution could deliver substantial energy savings and provide a short payback period, giving ABP Ports the confidence to proceed with the project.

Following installation, the lighting upgrade exceeded expectations. The new system delivered significant reductions in energy consumption, achieving savings far higher than the initial projections. The wireless controls optimised usage by activating lighting only where and when required, with presence detection and daylight harvesting enhancing efficiency across all three warehouses.

These improvements also contributed to a better-lit and safer working environment. The robust LED solution reduced maintenance requirements, extended service life, and minimised disruption for a facility that operates continuously throughout the day and night.

The project led to markedly improved light quality, increased light levels, and a more flexible system that ABP's Estates team could adjust as needed. By collecting occupancy and usage data, the lighting installation offered clearer insights into operational patterns, supporting better long-term planning and energy management.

Because the system was entirely wireless, ABP Ports gained the ability to reconfigure lighting zones quickly without rewiring or accessing fittings — a major advantage in a busy port environment. The efficiency gains ultimately delivered up to 96% energy cost savings, far exceeding the original estimates, and provided a rapid payback period. The success of the installation later contributed to the same lighting approach being deployed at additional ABP sites.

Finalebanen car park

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.

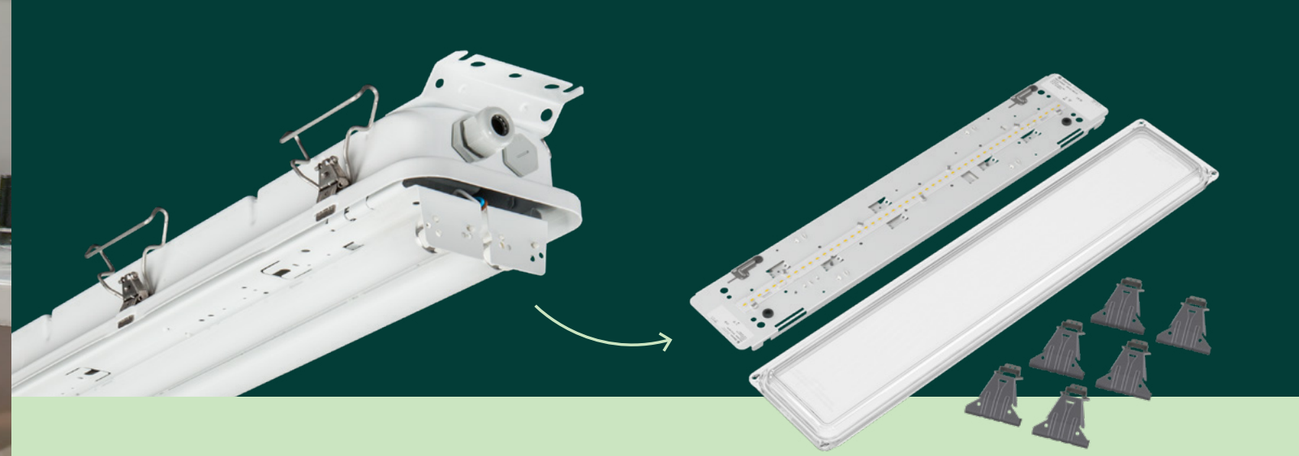
Trondheim Parking, the public parking operator in Trondheim, recently upgraded seven of its facilities with new i40 LED luminaires and a wireless lighting control system from Glamox. At the Finalebanen car park, energy consumption has been reduced by up to 92%. At the same time, the new solution ensures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



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

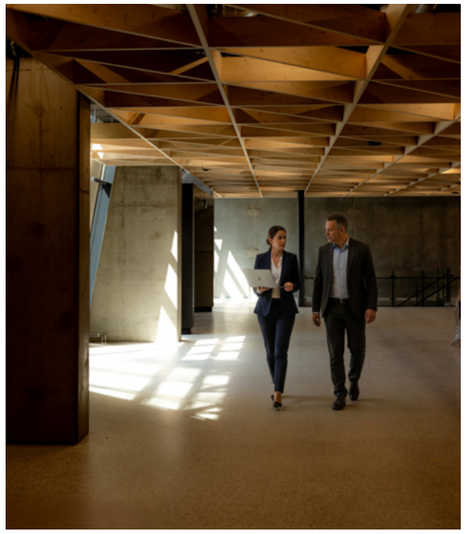
LED kit	Suitable for the following luminaires	Segment
A10/A20 LED KIT	A10, A20	School / Office
C10 LED KIT	C10-R, C10-S	School / Office
C20 LED KIT	C20-R, C20-S	School / Office
C50 LED KIT	C50-S, C50-R	School / Office
C60 LED KIT	C60-R, C60-S	Healthcare
GPV kit	GPV	Industry
INDI LED KIT	INDI-W, INDI 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	

*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.

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.

Be prepared for future requirements

More stringent UK energy performance requirements for commercial buildings are expected from 2027 onwards, including proposed higher EPC standards under Minimum Energy Efficiency Standards (MEES).

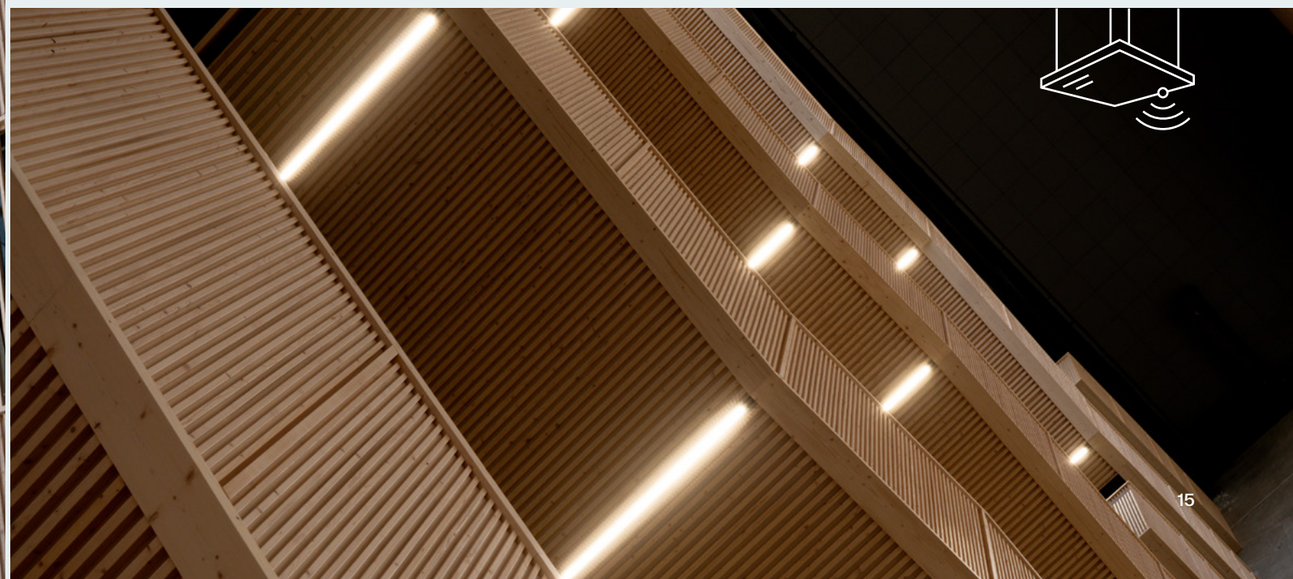


The UK regulatory framework for energy efficiency and building performance is evolving rapidly under the Climate Change Act 2008, the Energy Act 2023, ESOS, Building Regulations Part L, and the Energy Performance of Buildings Regulations.

These regulations introduce stricter requirements for energy performance, digital monitoring, and reporting in commercial buildings. Lighting systems are classified as technical building systems and play a significant role in achieving compliance.

What does this mean for lighting systems?

- **Automated control:** Required under Part L for non-domestic buildings; strengthens EPC and ESOS compliance.
- **Data collection & reporting:** Increasingly necessary for ESOS Phase 4 and carbon reporting under the Climate Change Act.
- **Integration with Building Management System:** Supports compliance, ESG reporting, and operational energy monitoring.
- **Stricter performance expectations (2025 onward):** Future Buildings Standard will tighten carbon limits for new buildings.

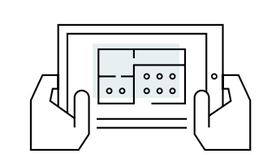


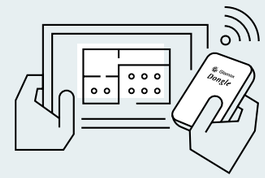
Glamox Wireless Radio – the lighting control of the future

Glamox Wireless Radio is a wireless solution that helps you meet increasingly stringent UK energy performance and reporting requirements — 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

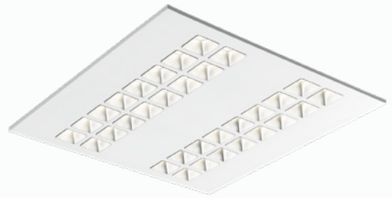
- Create a project
- Import a floor plan
- Create areas and groups
- Configure
- Pair device to network
- Test and fine-tune the installation

85-90 %
energy savings

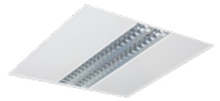
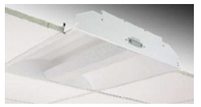
Results from practice

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 UK requirements.

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

Product examples	Can be replaced with
	 56% energy savings
C10-R C10-R600 414HF 830 CP2 LL Item no. C10055143 Net lumen output 3523 Power consumption 62	**C77-R** C77-R600x600 WH 4000 HF 830 LI 4xSM Item no. C77103056 Net lumen output 3914 Power consumption 27


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

Recessed 600×600 indoor luminaires

Here, you will find existing 300×1200 solutions and recommended replacement alternatives.

Product examples	Can be replaced with
	 55% energy savings
C20-R C20-R300 228 HF 830 Cp2 SL	C77-R C77-R300x1200 WH 4000 HF 830 LI 2xSM
Item no. C20039866 Net lumen output 4534 Power consumption 62	Item no. C77099100 Net lumen output 3934 Power consumption 28

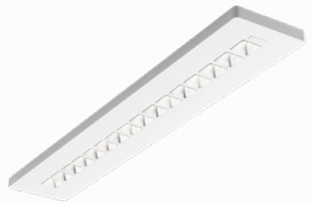

C77-R

Product examples	Suggested possible solutions
 Delight RLL/RT	 C20 LED kit
 Modul 300	 C77-R
 Modul 100	 Modul 100 LED
 C20-RL	C80-R

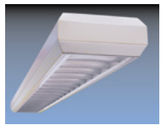

C80

Recessed 300×1200 indoor luminaires

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

Product examples	Can be replaced with
 C10-S1 C10-S1 225 228HF 830 LL Item no. C10054120 Net lumen output 3816 Power consumption 62	 49% energy savings C77-S C77-S230x1280 WH 4000 DALI 830 1xSM Item no. C77103717 Net lumen output 4021 Power consumption 31

C70-S

Product examples	Suggested possible solutions
 C10-S2	 C10 LED kit
 C10-S T8	
 C20-S	 C20 LED kit
 X-Type	
 C50-S	 C77-S
 Delight S/P	C70-S LED
 Unicon	 C95-S
 Indilight tak	
 Modul S	C70-S LED

Surface-mounted indoor luminaires

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

Product examples

C20-P2

C20-P2 328 HF MNT CP2,5 830 CS3 MI

Item no.	C20039309
Net lumen output	5491
Power consumption	93

Can be replaced with

40% energy savings

C77-P

C77-P125x1200 WH 40/60 7000 HF 830 PRE C2.5 SM

Item no.	C77099567
Net lumen output	6577
Power consumption	56

C77-P

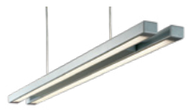
Product examples

X-type

C20-P3 / P4

E-type

Indilight P



C12-P

C10-P1

Reed

Suggested possible solutions

C70-P

C94-P

C95-P

C81-P

C80-P G2

C88-P

C88-P

Pendant indoor luminaires

Common downlights and suitable upgrade products.

Product examples

D20-R

D20-R210 126 HF 830 Cp2 SI/WH

Item no.	D20048157
Net lumen output	1301
Power consumption	29

Can be replaced with

59% energy savings

D50-R210

D50-R210 WH 1600 DALI 830 LI MB

Item no.	CG2132443
Net lumen output	1600
Power consumption	12

D50

Product examples

D60

GCN

D20-R175/250

The Travel family

D20-S210

GCAC

The Casa family

The DL family

Suggested possible solutions

D50-R

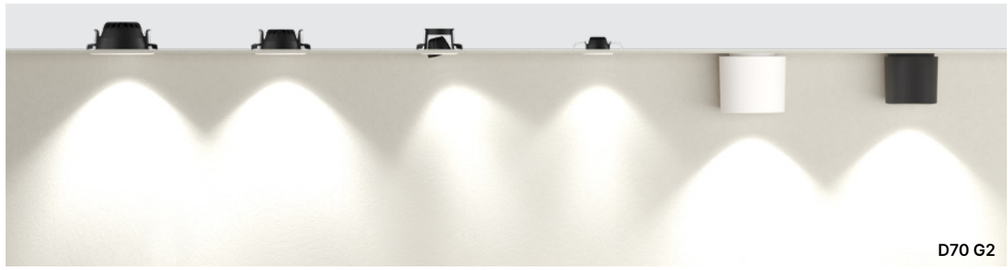
D70-R G2

D70-RQ G2

D35-R

D35-S

D70-S G2



D70 G2

Downlights

Suggestions for replacing typical indoor luminaires.

Product examples	Can be replaced with
 A40-W 114 A40-W 114HF 830 Net lumen output 890 Power consumption 17	 A3 MIRROR A3-W600 WH 1000 HF 830 Item no. A3569350 Net lumen output 947 Power consumption 8 53% energy savings
 Sala	 A3 MIRROR
 Tingo	
 Jane	 A41 LED
 SKA 136 F	

Product examples	Suggested possible solutions
 Tina T8	i60 LED
 C45	
 i20 T5	
 Sinus	 A25 LED
 ZAPP	 A25 LED / A35 LED
 A20	 A10/A20 LED kit
 A10	
 Perla	 A15
 Eas	 Motus Pendant
 Indilight Wall	 Walle LED

Indoor luminaires for general lighting

Luminaires for sports halls and recommended replacement products.

Product examples	Can be replaced with
	 39% energy savings
C51-S C51-S 249HF SLS	C52-S C52-S1500 11000 DALI 840 TW WB
Item no. C51S28220 Net lumen output 6639 Power consumption 106	Item no. C52124094 Net lumen output 11269 Power consumption 64

C52-S

Product examples	Suggested possible solutions
 C51-R	 C52-S
 Activus	 i65
 GDS	 i80 LED

Foto: Jiri Havran

i80 LED

Sports halls

Lighting solutions for industrial environments
and relevant replacement alternatives.

Product examples	Can be replaced with
 **GIR** GIR T5 249HF 830 (L) Refl. Item no. GIR031288 Net lumen output 8118 Power consumption 106	 38% energy savings **i10 G2** I10-1700 G2 11000 HF 830 MB Item no. I10107816 Net lumen output 10899 Power consumption 65,70
 Eminent	i60 LED
 i20 T5	
 GDS	 i80  i65
 i50	 A90
 i55 T5	 i55 LED

Product examples	Suggested possible solutions
 GPV2	 GPV2 LED KIT
 i40 2x58W	 i40 LED
 MIR T5/T8	 MIR/MIL G2
 MIL T5/T8	 MAX G2
 MAX T5/T8	 MIX G2
 MIX T5/T8	 LED KIT


i10 LED

Industry

Luminaires used in healthcare buildings,
with suitable replacement products.

Product examples

Can be replaced with

C60-R

C60-R/S390 414HF SL/GL

Item no.	C60048466
Net lumen output	3585
Power consumption	62

27% energy savings

C65-S

C65-S350X650 LED 4000HF 940 SU/GL

Item no.	C65092744
Net lumen output	4278
Power consumption	45

C65

Product examples

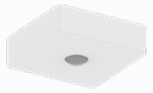
Suggested possible solutions

 **C60**	 C60 LED kit
 Medicus	 C63-R  C64-R
 C61	 C61-R
 Carelite PL	 Carelite LED
 LHH	 LHH LED G2

LHH LED G2

Medical facilities

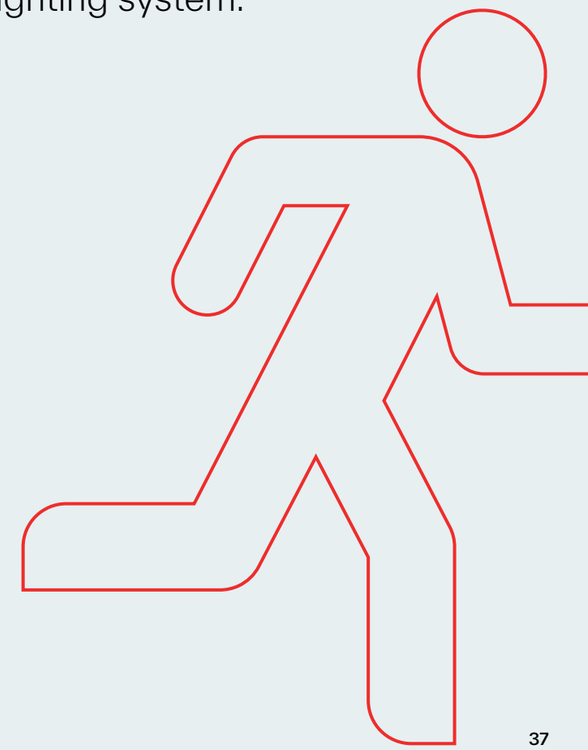
Common emergency lighting luminaires and recommended upgrade options.

Product examples	Can be replaced with
 GEF GEF 108 E-3/ST Single M/NM Item no. 988812310 Net lumen output 96 Power consumption 9	 E20 G2 E20-S G2 LED M/NM E1/ST Item no. E20660102 Net lumen output 132 Power consumption 3.3 63% energy savings
 GEF Exit sign and emergency escape route lighting	 E20 G2 ORTUS
 E75	 E85 COBRA-R  LUMI
 GFI2	 E30

Emergency lighting

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

Mach 3

Mach 3 150W HIT-DE ASY Black

Item no.	514250943
Net lumen output	9193
Power consumption	172

Can be replaced with

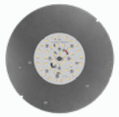
58% energy savings

O54-W

O54-W190 10000 HF 840 ASY

Item no.	O5460038421
Net lumen output	10000
Power consumption	73

O54-W

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

Outdoor lighting

Anverview of spotlight solutions
and recommended alternatives.

Product examples

S50

S50 MAXI 70 HIT G12 40∗ HVIT

Item no.	514330710
Net lumen output	4753
Power consumption	85

Can be replaced with

S80 MIDI LED

S80 MIDI BL LED 4000 HF 930 45°

Item no.	S80215316
Net lumen output	3830
Power consumption	35


S80 MIDI LED

Product examples

S45

Joker

S50 Mini

Suggested possible solutions

S80

S90 MICRO

S90-R MICRO

S90 FLEX

S90 LINE

S90 SPOT

T2


S90-R

Glamox

Glamox

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5 YEAR WARRANTY