



Efficiency and performance at your service.

Replace your old lighting system or install our ceiling fixtures onto new systems and give yourself the gift of improved visual comfort and remarkable energy savings.

Visual comfort.

Good lighting achieved by high quality materials makes the workplace more pleasant and productive.

Energy saving.

A lighting system using new technology will provide significant energy savings and low power consumption (by even 70%).

New technology.

Disano ceiling fixtures use innovative, high efficiency T5 lamps to achieve energy saving (-10%).

Improved reliability.

High quality electronic ballasts and dimmable versions (1-10V or DALI) provide considerable savings and minimize operating costs.



The main features of our products are:

- | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |
| Fluorescent linear lamp | Fixture built with recyclable materials (excluding lamps and batteries). | Energy saving fixtures | On request, fixtures are available with self-diagnosis with sub-code 66 | E ₁ =permanent (lighting + emergency) emergency circuit | Normal wiring | Radial dark light optical 65° <200cd (14W) 200 cd (18W) | Ceiling light fixture fitted with lamps and baffle film protection | Offices with vdu terminals | OPEN SPACES: Offices, large areas, public areas, waiting rooms | Commercial centres: Shops, show rooms, supermarkets, airports. | Fixtures installed on normally-flammable surfaces |

Saving energy: how can we? Lamps



SAVING IS POSSIBLE
by replacing old ceiling light fixtures with new luminaires equipped with:

T5 HE-HO ECO. A low-cost lighting system for universal use.
All fluorescent lamps stand out for their high luminous efficiency, low power consumption and long life time. Our LUMILUX PLUS ECO fluorescent linear lamps last eight to twenty times longer than traditional incandescent light bulbs and, depending on lamp type and power rating, also consume up to 85% less energy.

Less luminous decay thanks to lower levels of mercury content and fluorescent material LUMILUX PLUS ECO.
Our new LUMILUX PLUS ECO lamps with tri-phosphorus technology stand out for their low luminous decay throughout the entire life time of the lamp (for example, after 12,000 hours of operation with a conventional power supply, the luminous flux is still 90% of the initial flux).

FL 3/4x14: EQUIPPED WITH LAMPS MASTER: TL5 HE ECO



- 10% energy saving
- Same luminous flux
- Less Co2 emission
- Better than T5 lamps

Lamp comparison	
T5 HE-HO	traditional T5
13W	14W
20W	24W
25W	28W
32W	35W
45W	49W
50W	54W
73W	80W

Disano makes the difference.

Light sensor and movement detector.



Lighting consumes nearly 20% of all the electricity in the world, while 80% of professional lighting systems is obsolete and ineffective. To reduce the environmental impact of inefficient solutions, EU Member States have ordered a **gradual ban of less efficient lighting products** and a significant reduction of power consumptions and CO2 emissions.

The conversion to alternative energy-saving systems, **replacing ceiling fixtures with sensors or DIMM wiring**, can actually make the difference. This brochure will show you all the advantages of a sustainable solution together with our new range of products that will guarantee higher energy savings and enhance the quality of your spaces!

Upon request, our ceiling fixtures can be supplied with a multi-sensor and DIMM gear.

To order Disano products equipped with a built-in multi-sensor, please use **subcode -0092**.





Wiring CELL: All Disano and Fosnova products with electronic wiring are equipped with A2 ballasts in compliance with the European directive.
25/30% energy-saving



1 - 10V

Wiring CELL-DH. All products with dimmable electronic wiring are equipped with A1 ballasts, in compliance with the European directive.
High energy savings and based on consumption.
Adjustment range is 100% to 1%
1-10V dimming

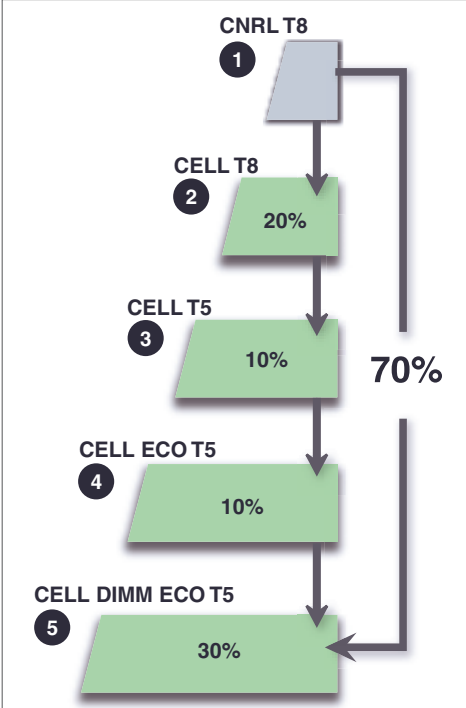


Wiring CELLD-DIG. All products with dimmable electronic wiring are equipped with A1 ballasts DIG version, in compliance with the European directive.
High energy savings and based on consumption by up to 70%
Adjustment range is 100% to 1%



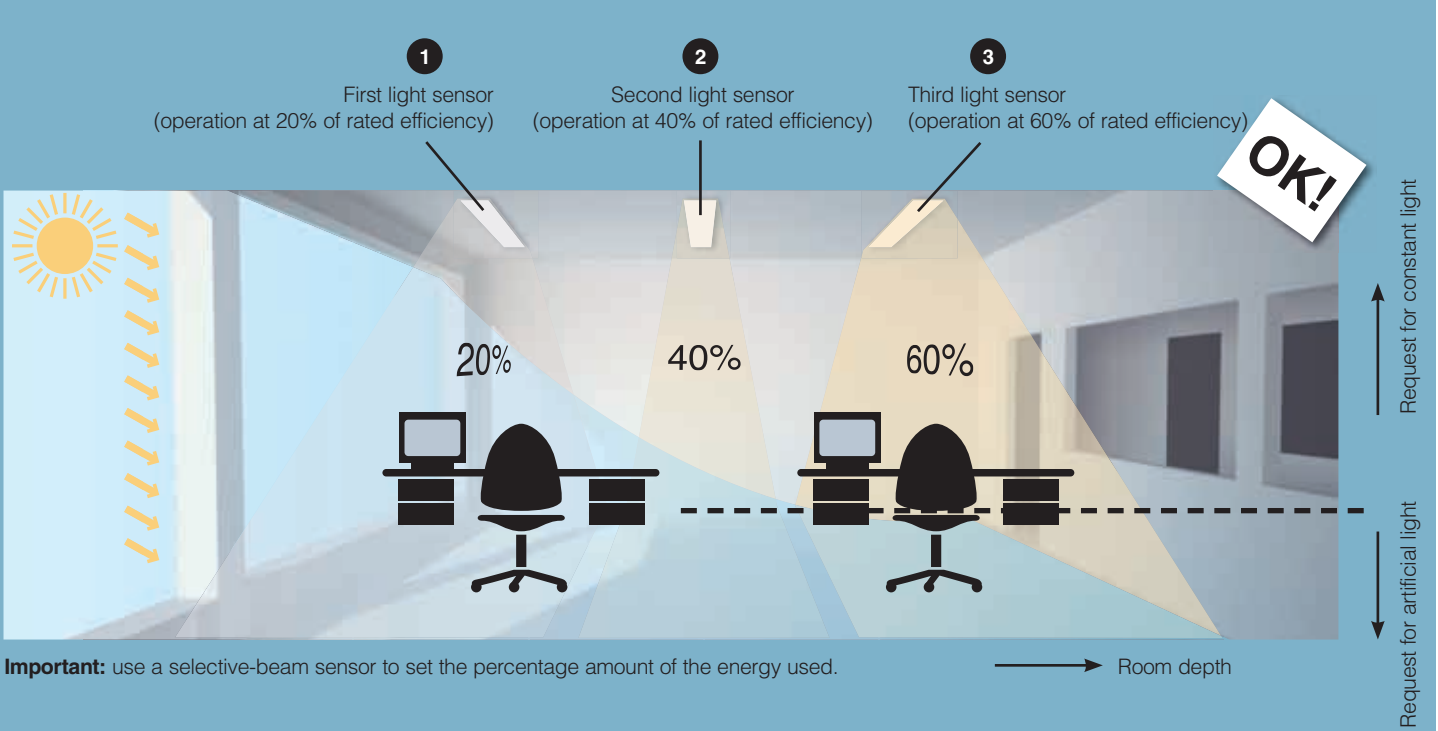
Flexible lighting systems for optimising energy savings:

Growing energy costs and the number of environmental regulations call for **increased energy consumption awareness.**

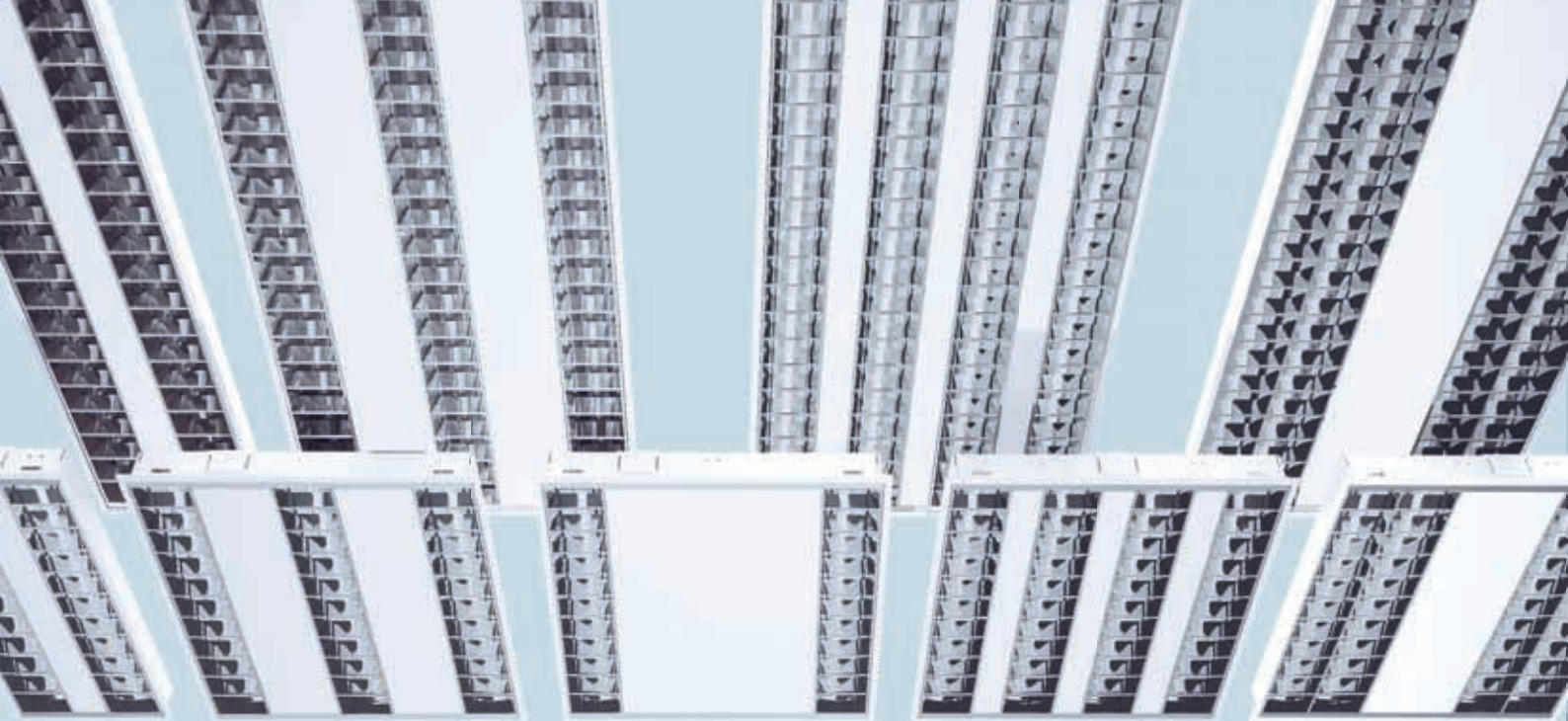


How to save 70% energy:

1. Traditional wiring with T8 lamps.
2. 20% ENERGY SAVING: conversion to electronic wiring
3. 10% ENERGY SAVING: conversion to T5 technology.
4. 10% ENERGY SAVING: using latest -generation T5 ECO lamps
5. 30% ENERGY SAVING: consumption optimisation with CELL DIMM ECO T5 Disano Intelligent fixtures



Important: use a selective-beam sensor to set the percentage amount of the energy used.



Minicomfort

Housing: galvanized steel sheet, pre-coated with paint containing polyester resin.

FL: complete with TL5 HE-HO ECO lamps (energy saving = 10%).

Upon request: versions with DIM DIG (dimma-ble digital) ballast. Also available in EM version.

Supplied without mounting brackets: for non-contact mounting, please use brackets acc. 326.

LOUVRE STAYS CLEAN WORK COMPLETION.

Louvre protection film to be removed after the fixture is installed or the installation has been completed, to avoid soiling or damaging the louvre. This provides high luminous efficiency and maximum visual comfort at all times.



QUICK CONNECTOR FOR ELECTRIC CONNECTION.

Quick connector for electric connection inside the fixture, accessible through an outside flap. The connection can be made without releasing the louvre and without the use of tools. Extremely quick and easy to install.



LOUVRE. Made in highly reflective aluminium that guarantees great performance. This type of aluminium optimizes light output by even 20%, while providing energy savings of 18-20%. The EN 12464 European standard sets luminance limits for angles of incidence between 65° and 85° in rooms where VDT screens are to be used.



Constant light sensor and movement sensor

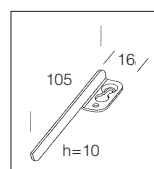
sub-code
0092



acc. 326 adjustable bracket

galvanized	998059-00
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In zinc plated steel. 4-pc set to be used when art. 850/851 is not contact mounted.



Radial dark light optical 65°
<200cd (14W) 200 cd (18W)

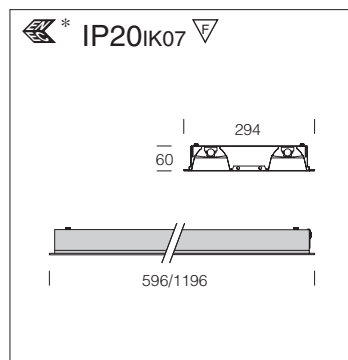


Diagonal 65°
Longitudinal 65°
Cross-sectional 60°

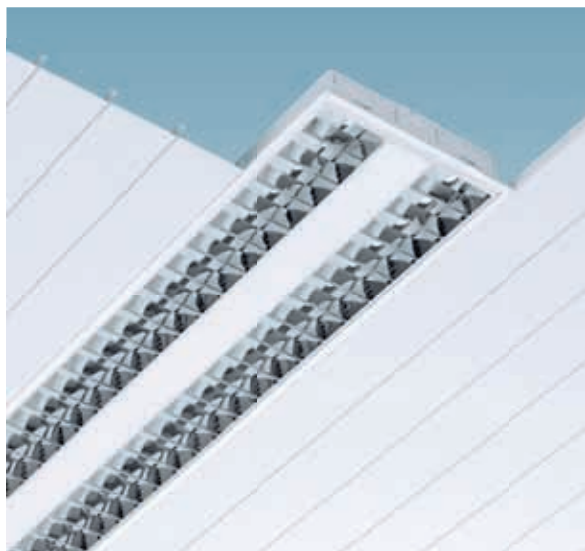


Minicomfort with **Dark Light optics**

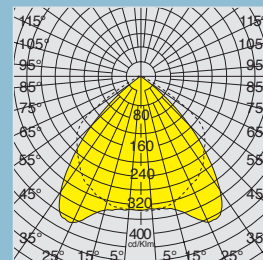
T5 HE-HO ECO Lamps = 10% energy saving, same luminous flux, less Co2 emission, better than T5 lamps



* Waiting for approval



FL 2x25



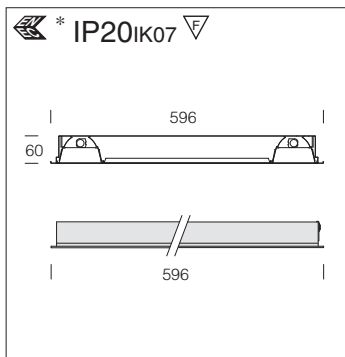
Dark light louvre: double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment or in double parabolic louvres, in high-gloss 99.85 aluminium.

850 Minicomfort T5 - high-gloss optical 99,99

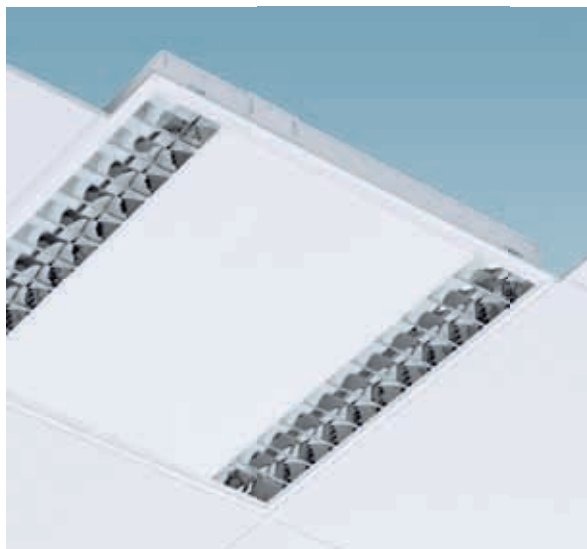
		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 2x13 ECO	white	2.60	153500-00	153500-51	153500-0041		4000K - 1200lm - Ra 1b
FL 2x25 ECO	white	4.30	153504-00	153504-51	153504-0041	153504-07	4000K - 2450lm - Ra 1b

853 Minicomfort T5 - high-gloss optical 99,85

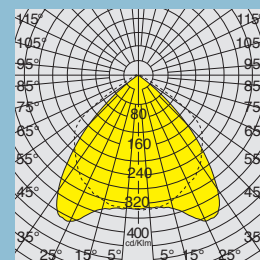
		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 2x13 ECO	white	2.60	153540-00	153540-51	153540-0041		4000K - 1200lm - Ra 1b
FL 2x25 ECO	white	4.30	153544-00	153544-51	153544-0041	153544-07	4000K - 2450lm - Ra 1b



* Waiting for approval



FL 2x13



Dark light louvre: double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment or in double parabolic louvres, in high-gloss 99.85 aluminium.

Constant light sensor and movement sensor with sub-code 0092.

855 Minicomfort - high-gloss optical 99,99

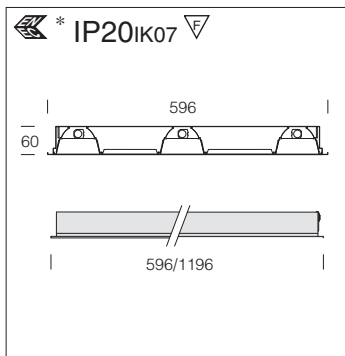
		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 2x13 ECO	white	4.00	153700-00	153700-51	153700-0041	153700-07	4000K - 1200lm - Ra 1b

FL ECO: with TL5 HE ECO lamps (energy saving = 10%).

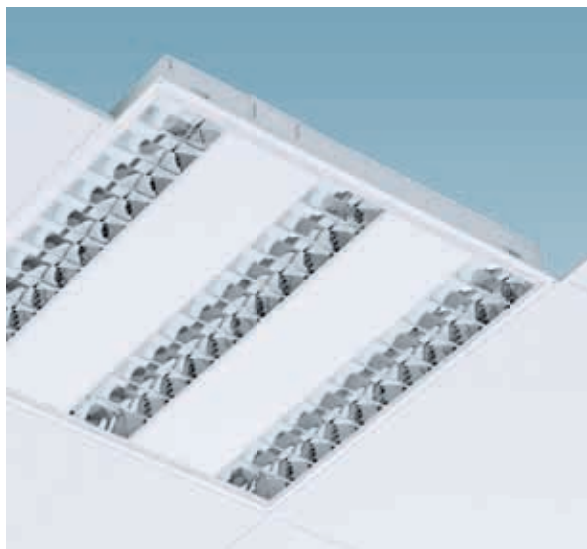
857 Minicomfort - high-gloss optical 99,85

		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 2x13 ECO	white	4.00	153710-00	153710-51	153710-0041	153710-07	4000K - 1200lm - Ra 1b

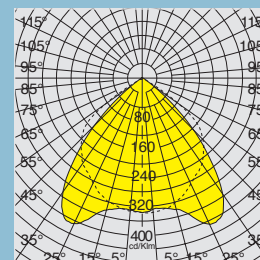
FL ECO: with TL5 HE ECO lamps (energy saving = 10%).



* Waiting for approval



FL 3x13



Dark light louvre: double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment or in double parabolic louvres, in high-gloss 99.85 aluminium.

Constant light sensor and movement sensor with sub-code 0092.

850 Minicomfort T5 - high-gloss optical 99,99

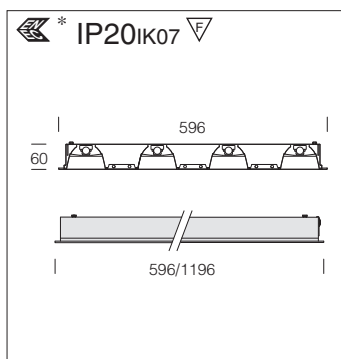
		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 3x13 ECO	white	4.20	153501-00	153501-51	153501-0041	153501-07	4000K - 1200lm - Ra 1b
FL 3x20 ECO	white	4.20	153502-00			153502-07	4000K - 1650lm - Ra 1b
FL 3x25 ECO	white	7.80	153505-00	153505-51	153505-0041	153505-07	4000K - 2450lm - Ra 1b

FL ECO: with TL5 HE ECO lamps (energy saving = 10%).

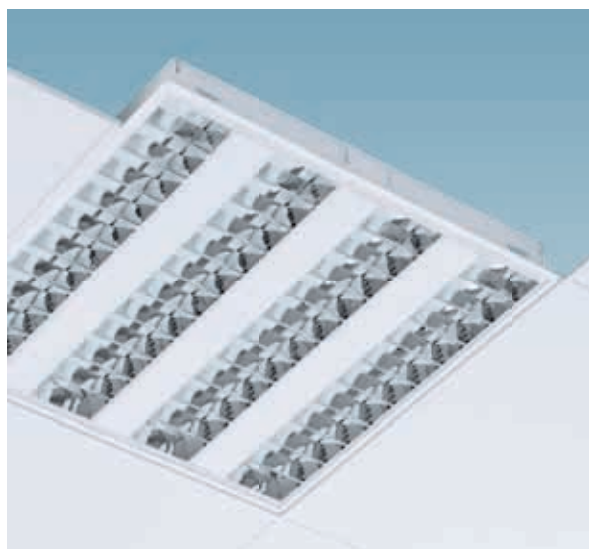
853 Minicomfort T5 - high-gloss optical 99,85

		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 3x13 ECO	white	4.20	153541-00	153541-51	153541-0041	153541-07	4000K - 1200lm - Ra 1b
FL 3x20 ECO	white	4.20	153542-00			153542-07	4000K - 1650lm - Ra 1b
FL 3x25 ECO	white	7.80	153545-00	153545-51	153545-0041	153545-07	4000K - 2450lm - Ra 1b

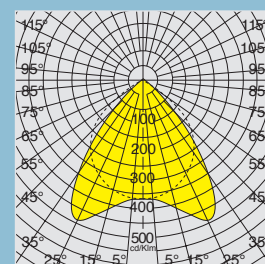
FL ECO: with TL5 HE ECO lamps (energy saving = 10%).



* Waiting for approval



FL 4x13



Dark light louvre: double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment or in double parabolic louvres, in high-gloss 99.85 aluminium.

Constant light sensor and movement sensor with sub-code 0092.

850 Minicomfort T5 - high-gloss optical 99,99

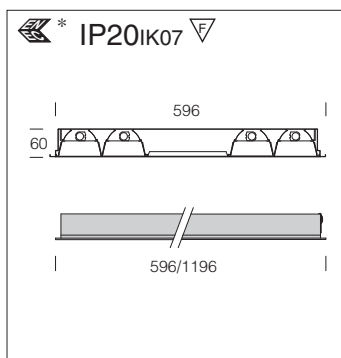
		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 4x13 ECO	white	4.30	153503-00	153503-51	153503-0041	153503-07	4000K - 1200lm - Ra 1b
FL 4x25 ECO	white	7.80	153506-00	153506-51	153506-0041	153506-07	4000K - 2450lm - Ra 1b

FL ECO: with TL5 HE ECO lamps (energy saving = 10%).

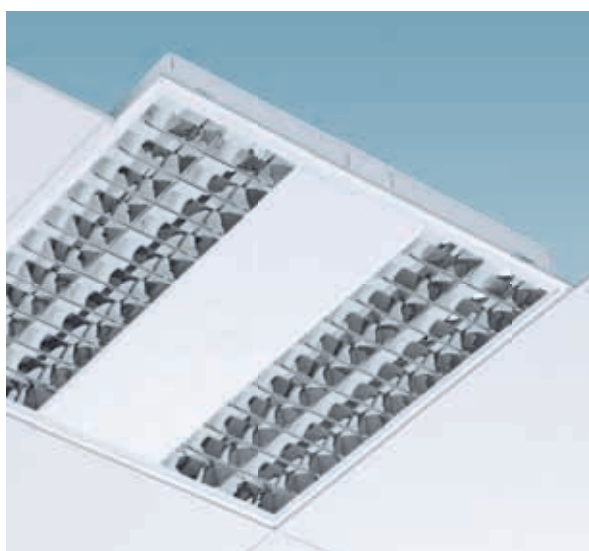
853 Minicomfort T5 - high-gloss optical 99,85

		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 4x13 ECO	white	4.30	153543-00	153543-51	153543-0041	153543-07	4000K - 1200lm - Ra 1b
FL 4x25 ECO	white	7.80	153546-00	153546-51	153546-0041	153546-07	4000K - 2450lm - Ra 1b

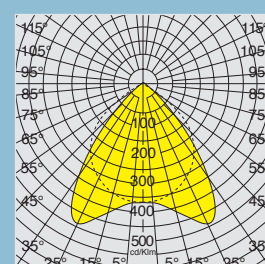
FL ECO: with TL5 HE ECO lamps (energy saving = 10%).



* Waiting for approval



FL 4x13



Dark light louvre: double parabolic louvres, in high-gloss 99.99 aluminium, anti-glare and anti-iridescence, very low luminance with PVD treatment or in double parabolic louvres, in high-gloss 99.85 aluminium.

Constant light sensor and movement sensor with sub-code 0092.

858 Minicomfort - high-gloss optical 99,99

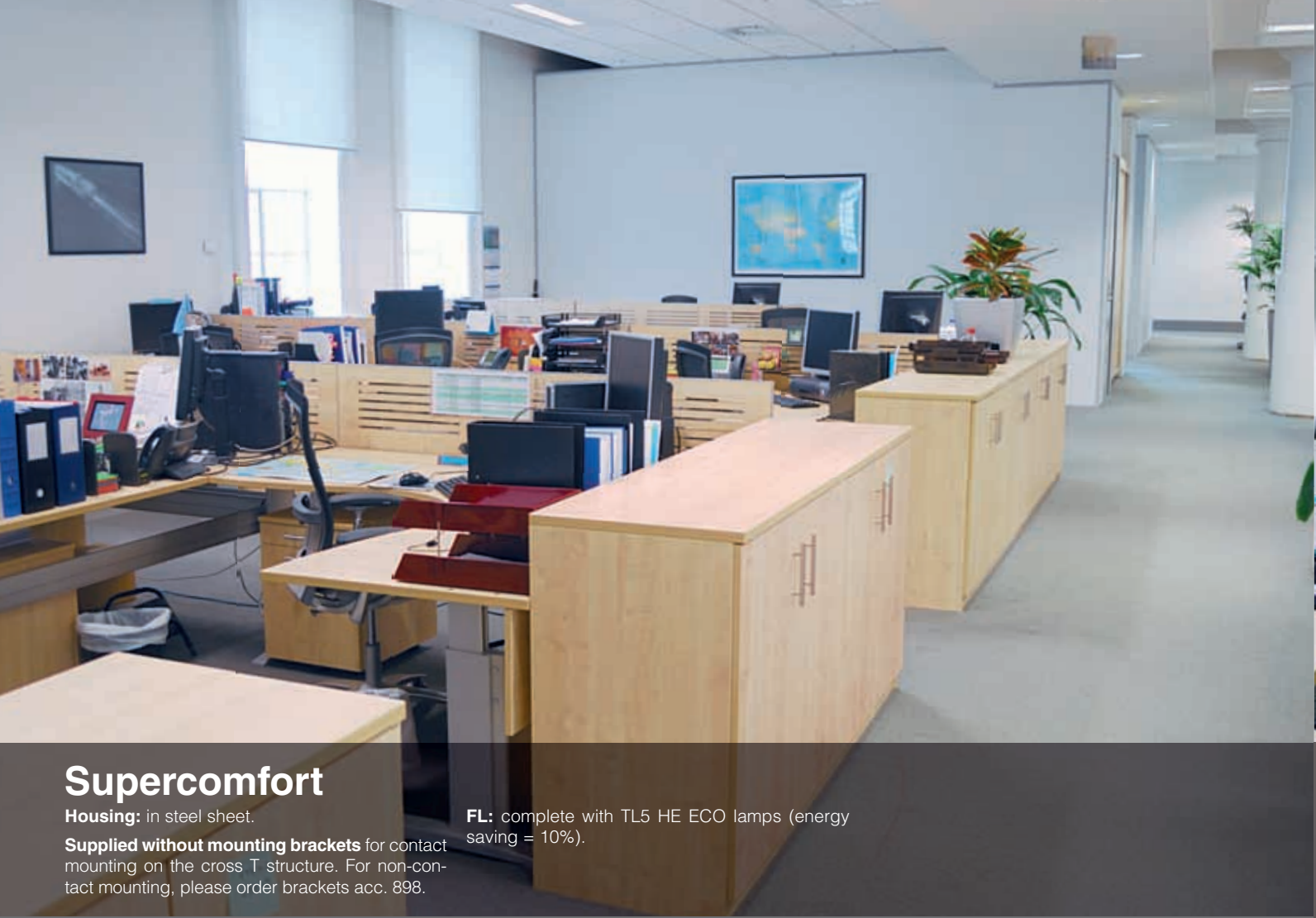
		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 4x13 ECO	white	4.30	153720-00	153720-51	153720-0041	153720-07	4000K - 1200lm - Ra 1b
FL 4x25 ECO	white	7.80	153721-00	153721-51	153721-0041	153721-07	4000K - 2450lm - Ra 1b

FL ECO: with TL5 HE ECO lamps (energy saving = 10%).

859 Minicomfort - high-gloss optical 99,85

		CELL		CELL-DH	CELLD-DIG	CELL-E	Lamps (Ta=25°C)
wattage	colour	weight	code	code	code	code	Kelvin - ølm - Ra
FL 4x13 ECO	white	4.30	153730-00	153730-51	153730-0041	153730-07	4000K - 1200lm - Ra 1b
FL 4x25 ECO	white	7.80	153731-00	153731-51	153731-0041	153731-07	4000K - 2450lm - Ra 1b

FL ECO: with TL5 HE ECO lamps (energy saving = 10%).



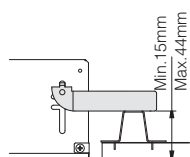
Supercomfort

Housing: in steel sheet.

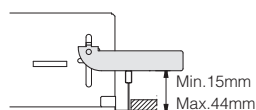
Supplied without mounting brackets for contact mounting on the cross T structure. For non-contact mounting, please order brackets acc. 898.

FL: complete with TL5 HE ECO lamps (energy saving = 10%).

Installation on shooks 100 mm avec acc. 898

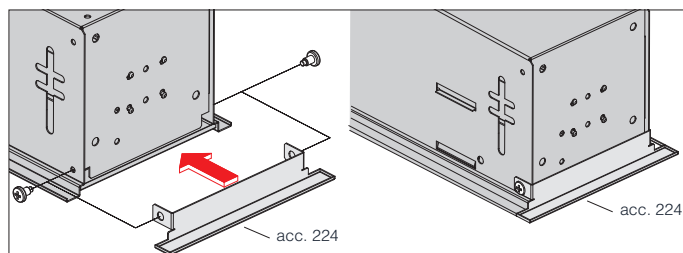
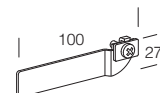


Installation on panels with acc. 898



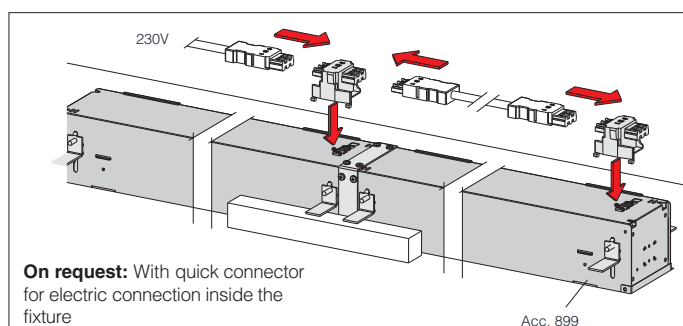
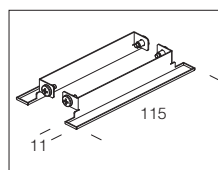
acc. 898 front bracket

galvanized	998025-00
Set of 4 pcs. Front bracket for one-lamp fixtures.	



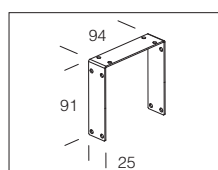
acc. 224 end cap

white	998014-00
To be used on ceiling fixtures as end caps (also for installation in continuous line).	



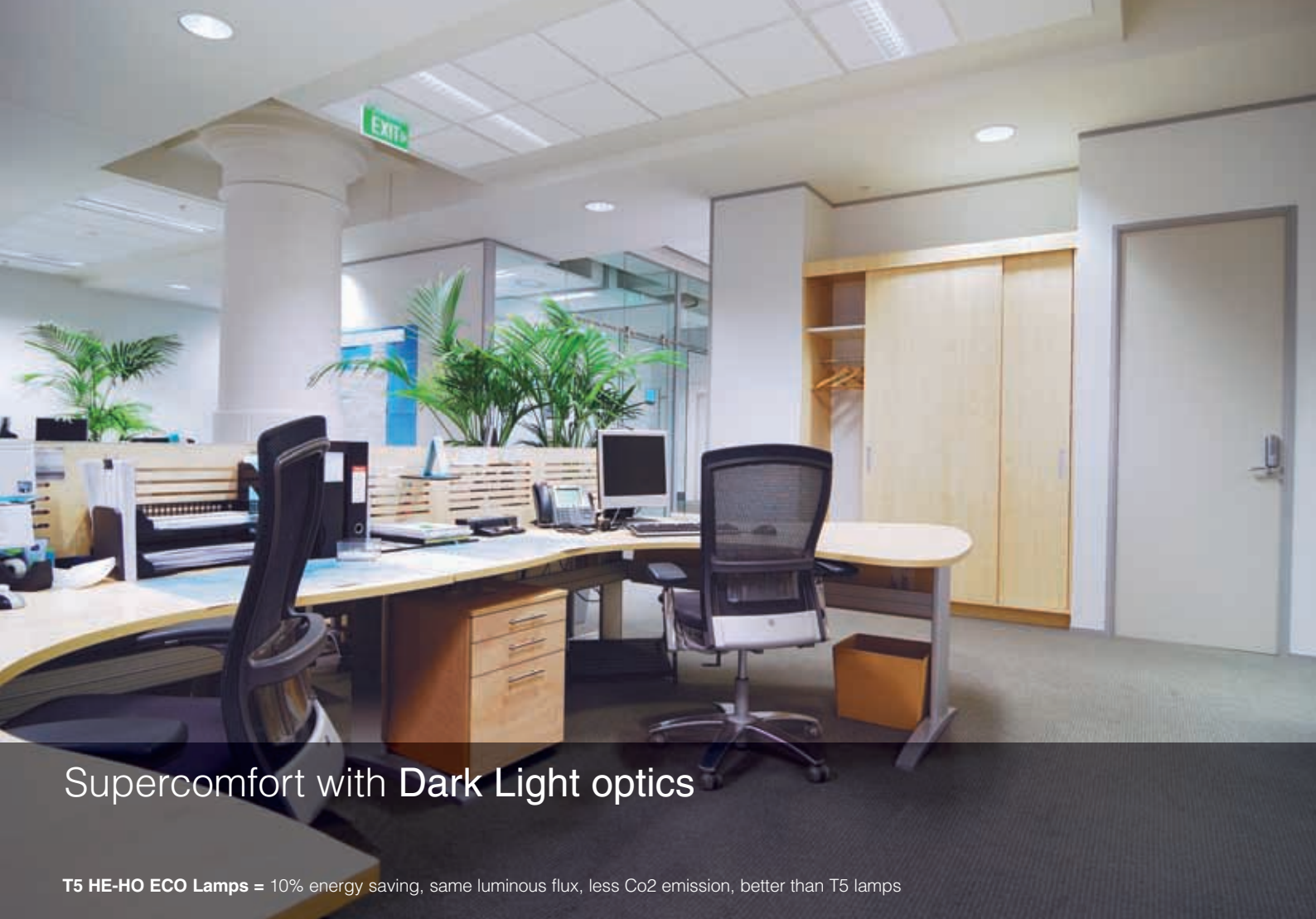
acc. 200 bracket for conti. line

steel	998011-00
To be used when the lighting system is installed in continuous row	



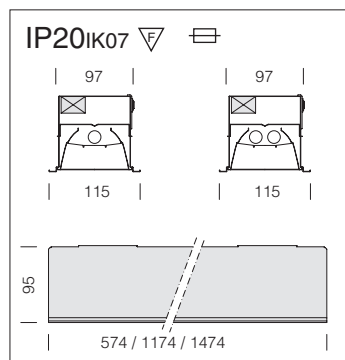
"X"	"X"	"X"
13W T5 "X"= 574	25W T5 "X"=1174	32W T5 "X"=1474

Example of installation in continuous line without dark spots.



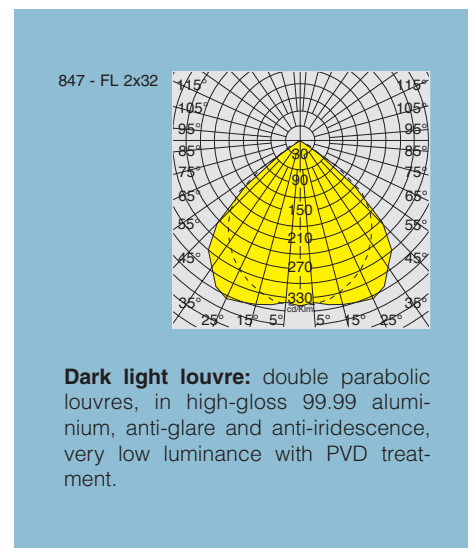
Supercomfort with Dark Light optics

T5 HE-HO ECO Lamps = 10% energy saving, same luminous flux, less Co2 emission, better than T5 lamps



Ideal for installation in open space offices with computer screens.

Constant light sensor and movement sensor with sub-code 0092.



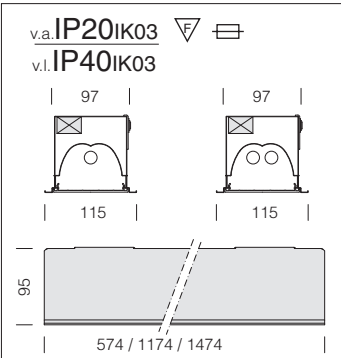
847 Supercomfort T5 - high-gloss optical brillant 99,99

		CELL-F		CELLF-E		CELLF-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 1x13 ECO	white	2.20	153400-00	2.25	153400-09	2.20	153400-51	4000K - 1200lm - Ra 1b
FL 1x25 ECO	white	3.50	153401-00	3.55	153401-09	3.50	153401-51	4000K - 2450lm - Ra 1b
FL 1x32 ECO	white	4.10	153402-00	4.15	153402-09	4.10	153402-51	4000K - 3100lm - Ra 1b
FL 2x13 ECO	white	2.20	153403-00	2.25	153403-09	2.20	153403-51	4000K - 1200lm - Ra 1b
FL 2x25 ECO	white	3.50	153404-00	3.55	153404-09	3.50	153404-51	4000K - 2450lm - Ra 1b
FL 2x32 ECO	white	4.10	153405-00	4.15	153405-09	4.10	153405-51	4000K - 3100lm - Ra1b

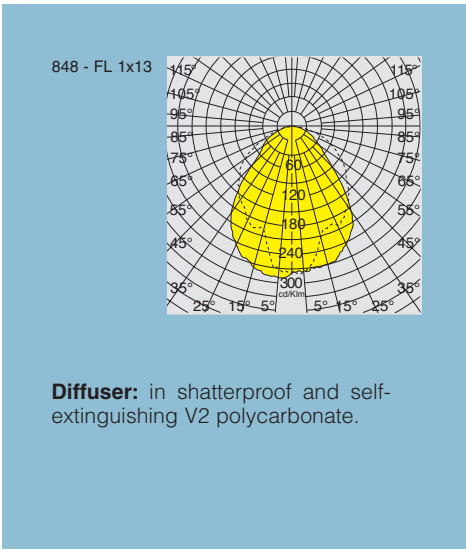


Supercomfort with Polycarbonate Diffuser

T5 HE-HO ECO Lamps = 10% energy saving, same luminous flux, less Co2 emission, better than T5 lamps



Ideal for installation in transit areas and waiting rooms.



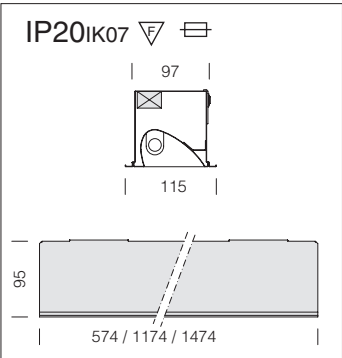
Diffuser: in shatterproof and self-extinguishing V2 polycarbonate.

848 Supercomfort T5 - with diffuser							
		CELL-F		CELLF-E		CELLF-DH	
wattage	colour	weight	code	weight	code	weight	code
FL 1x13 ECO	white	2.20	153410-00	2.25	153410-09	2.20	153410-51
FL 1x25 ECO	white	3.50	153411-00	3.55	153411-09	3.50	153411-51
FL 1x32 ECO	white	4.10	153412-00	4.15	153412-09	4.10	153412-51
FL 2x13 ECO	white	2.20	153413-00	2.25	153413-09	2.20	153413-51
FL 2x25 ECO	white	3.50	153414-00	3.55	153414-09	3.50	153414-51
FL 2x32 ECO	white	4.10	153415-00	4.15	153415-09	4.10	153415-51
		Lamps (Ta=25°C)					
		Kelvin - ølm - Ra					
		4000K - 1200lm - Ra 1b					
		4000K - 2450lm - Ra 1b					
		4000K - 3100lm - Ra 1b					
		4000K - 1200lm - Ra 1b					
		4000K - 2450lm - Ra 1b					
		4000K - 3100lm - Ra1b					

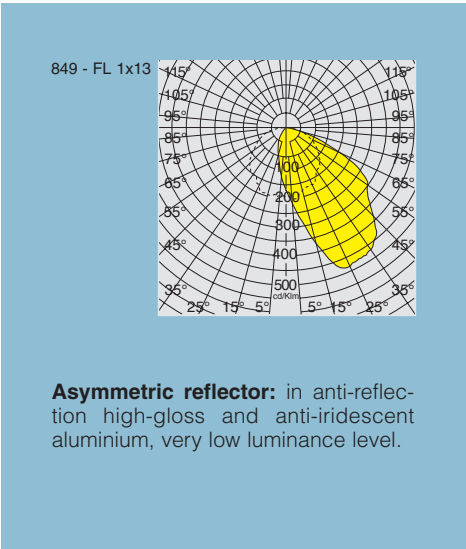


Supercomfort with Asymmetric Reflector

T5 HE-HO ECO Lamps = 10% energy saving, same luminous flux, less Co2 emission, better than T5 lamps

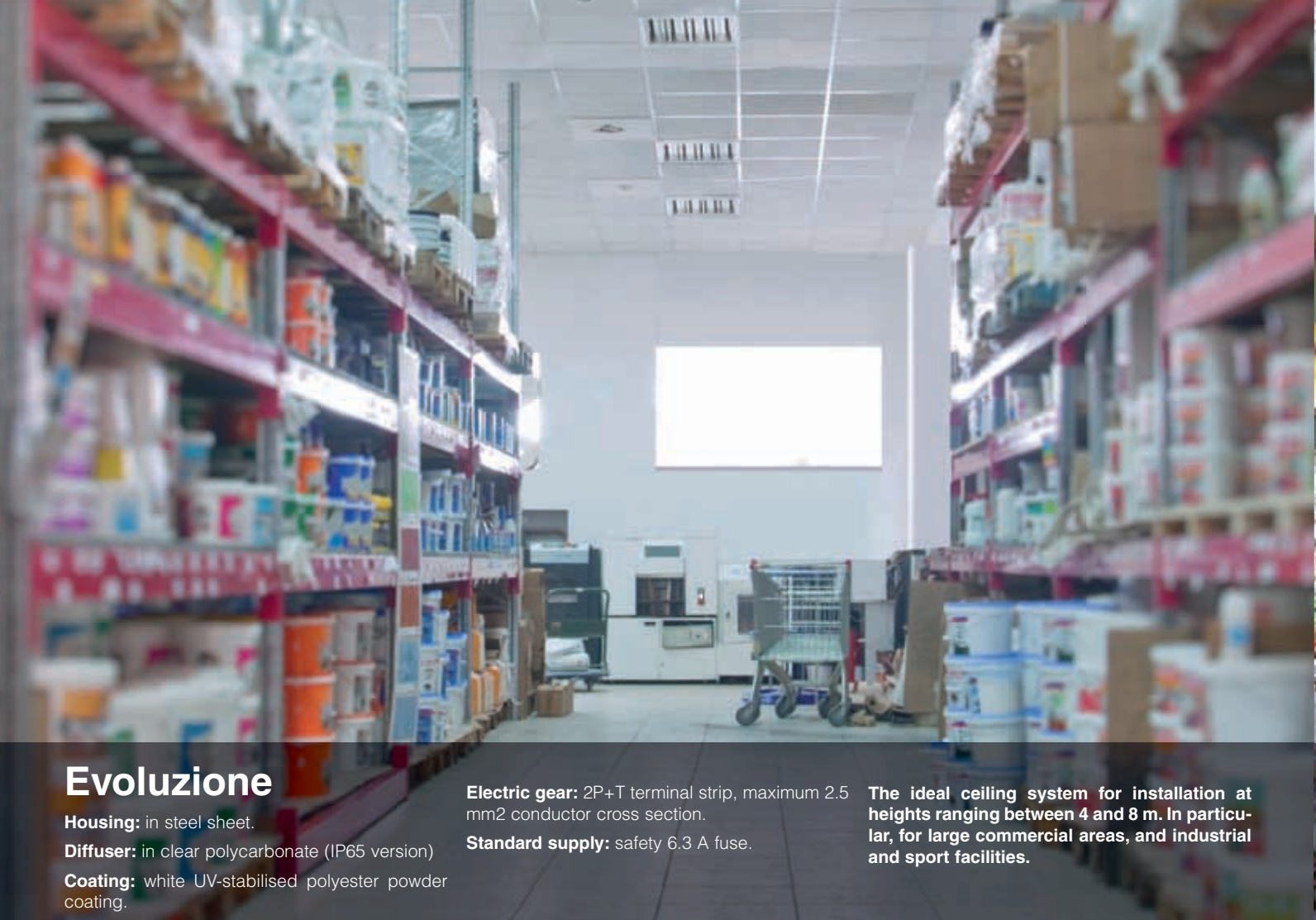


Ideal to light up display shelves and walk-in cabinets.



Asymmetric reflector: in anti-reflection high-gloss and anti-iridescent aluminium, very low luminance level.

849 Supercomfort T5 - asymmetric reflector								
		CELL-F		CELLF-E		CELLF-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 1x13 ECO	white	2.15	153420-00	2.20	153420-09	2.15	153420-51	4000K - 1200lm - Ra 1b
FL 1x25 ECO	white	3.35	153421-00	3.40	153421-09	3.35	153421-51	4000K - 2450lm - Ra 1b
FL 1x32 ECO	white	3.90	153422-00	3.95	153422-09	3.90	153422-51	4000K - 3100lm - Ra 1b



Evoluzione

Housing: in steel sheet.
Diffuser: in clear polycarbonate (IP65 version)
Coating: white UV-stabilised polyester powder coating.

Electric gear: 2P+T terminal strip, maximum 2.5 mm2 conductor cross section.
Standard supply: safety 6.3 A fuse.

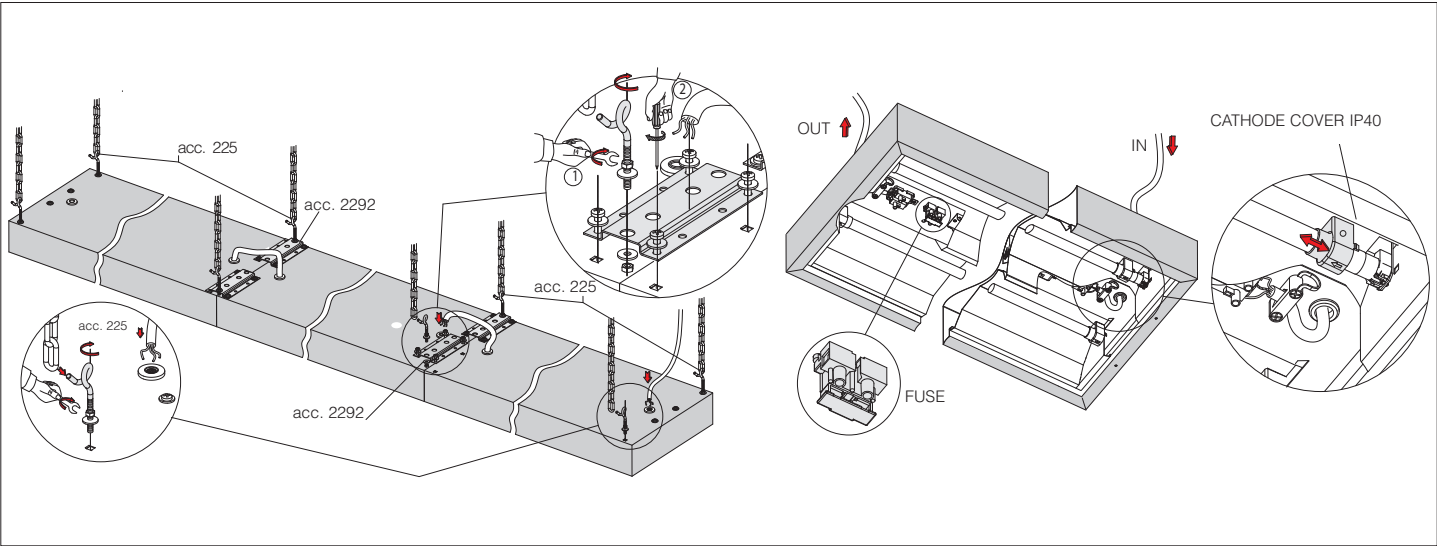
The ideal ceiling system for installation at heights ranging between 4 and 8 m. In particular, for large commercial areas, and industrial and sport facilities.

Installation example: Between jm-e 250 and T5 2x73 there is a 30% saving

N° of fixtures installed	Lamp	Em (lux)	E min (lux)	E max (lux)	Emin/Em	Emin/Emax	Total power	Energy (KWh)
8	JM-E 250	167	126	179	0.754	0.704	271x8 = 2168	3816
9	T5 2x73 ECO	165	110	185	0.643	0.573	162x9 = 1458	2566

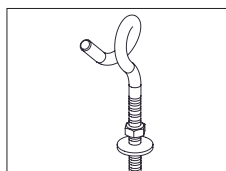
The example above shows a good energy saving with the same amount of light. Worth mentioning is the fact that a fluorescent source has a series of advantages compared to discharge lamps such as:

instant lighting, dimmable version to save even more energy.





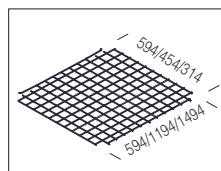
Evoluzione



acc. 225 eyebolt

steel	991397-00
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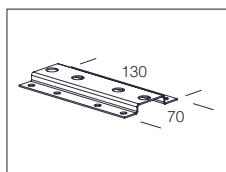
To be used with acc. 2292 for suspended lamps with chain. Bag containing 4 pieces.



acc. 219 protection guard

2x50	994670-00
2x45/73	994671-00
3x50	994672-00
3x45/73	994673-00
4x20	994674-00
4x50	994675-00
4x45/73	994676-00

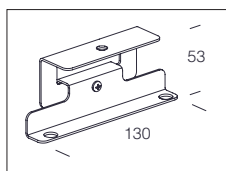
In white plastic-coated round frame. To protect the system from impacts.



acc. 2292 reinforcement plate joint

m. silver	143999-00
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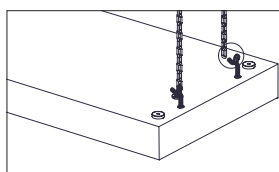
To be used as a steel reinforcement in a continuous line. Be used for the row with 3 suspensions every 2 ceiling lights.



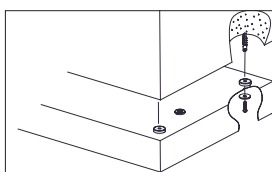
acc. 216 Ceiling mounting unit IP65 version

steel	994677-00
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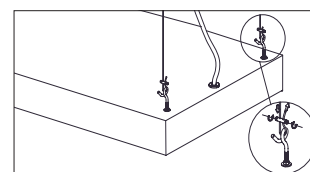
To be mounted directly on the ceiling.



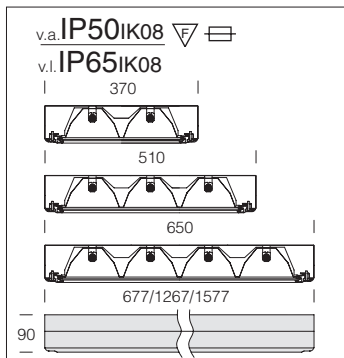
Suspension system with chains. Use acc. 225



Mounted directly on the ceiling (for IP40 version)



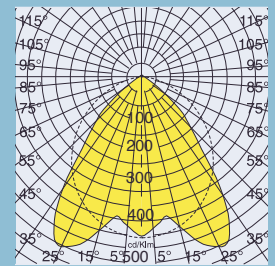
Suspension system with cable. Use acc. 225



IP50: Dust dust
IP65: Dust and water tight



2656 - FL 2x45

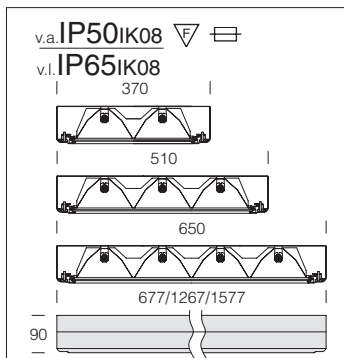


Wide beam optic: parabolic louvre in high-gloss aluminium, anti-reflection, anti-iridescent and highly efficient.

Diffuser: in clear polycarbonate.

2656 Evoluzione IP65 - wide beam

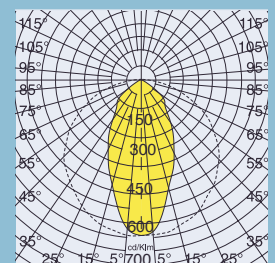
		CELL-F		CELLF-E		CELLF-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 2x50 ECO	white	6.70	125722-00	7.20	125722-07	6.70	125722-51	4000K - 4450lm - Ra1b
FL 2x45 ECO	white	7.80	125721-00	8.30	125721-07	7.80	125721-51	4000K - 4100lm - Ra 1b
FL 2x73 ECO	white	7.80	125723-00	8.30	125723-07			4000K - 6550lm - Ra1b
FL 3x50 ECO	white	9.20	125726-00	9.70	125726-07	9.20	125726-51	4000K - 4450lm - Ra1b
FL 3x45 ECO	white	10.10	125725-00	10.60	125725-07	10.10	125725-51	4000K - 4100lm - Ra1b
FL 3x73 ECO	white	10.10	125727-00	10.60	125727-07			4000K - 6550lm - Ra 1b
FL 4x20 ECO	white	6.30	125728-00	6.80	125728-07	6.30	125728-51	4000K - 1650lm - Ra1b
FL 4x50 ECO	white	9.90	125730-00	10.70	125730-07	9.90	125730-51	4000K - 4450lm - Ra1b
FL 4x45 ECO	white	12.00	125729-00	12.50	125729-07	12.00	125729-51	4000K - 4100lm - Ra 1b
FL 4x73 ECO	white	12.00	125724-00	12.50	125724-07			4000K - 6550lm - Ra1b



IP50: Dust dust
IP65: Dust and water tight



2657 - FL 2x45



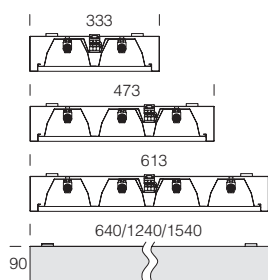
Narrow beam optic: parabolic louvre in high-gloss aluminium, anti-reflection, anti-iridescent and highly efficient.

Diffuser: in clear polycarbonate.

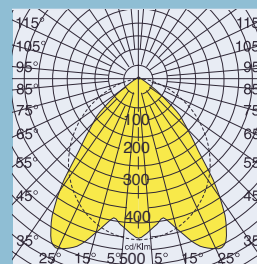
2657 Evoluzione IP65 - narrow beam

		CELL-F		CELLF-E		CELLF-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 2x50 ECO	white	6.70	125732-00	7.20	125732-07	6.70	125732-51	4000K - 4450lm - Ra1b
FL 2x45 ECO	white	7.80	125731-00	8.30	125731-07	7.80	125731-51	4000K - 4100lm - Ra 1b
FL 2x73 ECO	white	7.80	125733-00	8.30	125733-07			4000K - 6550lm - Ra1b
FL 3x50 ECO	white	9.20	125736-00	9.70	125736-07	9.20	125736-51	4000K - 4450lm - Ra1b
FL 3x45 ECO	white	10.10	125735-00	10.60	125735-07	10.10	125735-51	4000K - 4100lm - Ra1b
FL 3x73 ECO	white	10.10	125737-00	10.60	125737-07			4000K - 6550lm - Ra 1b
FL 4x20 ECO	white	6.30	125738-00	6.80	125738-07	6.30	125738-51	4000K - 1650lm - Ra1b
FL 4x50 ECO	white	9.90	125740-00	10.70	125740-07	9.90	125740-51	4000K - 4450lm - Ra1b
FL 4x45 ECO	white	12.00	125739-00	12.50	125739-07	12.00	125739-51	4000K - 4100lm - Ra 1b
FL 4x73 ECO	white	12.00	125734-00	12.50	125734-07			4000K - 6550lm - Ra1b

IP40IK08



2654 - FL 2x45



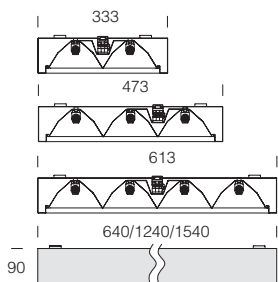
Wide beam optic: parabolic louvre in high-gloss aluminium, anti-reflection, anti-iridescent and highly efficient.

Constant light sensor and movement sensor with sub-code 0092.

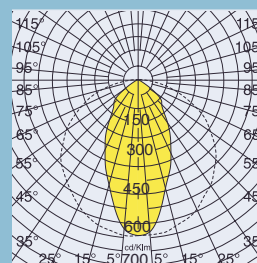
2654 Evoluzione - wide beam

		CELL-F		CELL-E		CELLF-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 2x50 ECO	white	5.70	125762-00	6.20	125762-07	5.70	125762-51	4000K - 4450lm - Ra1b
FL 2x45 ECO	white	6.80	125761-00	7.30	125761-07	6.80	125761-51	4000K - 4100lm - Ra 1b
FL 2x73 ECO	white	6.80	125763-00	7.30	125763-07			4000K - 6550lm - Ra1b
FL 3x50 ECO	white	8.20	125766-00	8.70	125766-07	8.20	125766-51	4000K - 4450lm - Ra1b
FL 3x45 ECO	white	9.10	125765-00	9.60	125765-07	9.10	125765-51	4000K - 4100lm - Ra1b
FL 3x73 ECO	white	9.10	125767-00	9.60	125767-07			4000K - 6550lm - Ra 1b
FL 4x20 ECO	white	5.30	125768-00	5.80	125768-07	5.30	125768-51	4000K - 1650lm - Ra1b
FL 4x50 ECO	white	8.90	125770-00	9.70	125770-07	8.90	125770-51	4000K - 4450lm - Ra1b
FL 4x45 ECO	white	11.00	125769-00	11.50	125769-07	11.00	125769-51	4000K - 4100lm - Ra 1b
FL 4x73 ECO	white	11.00	125773-00	11.50	125773-07			4000K - 6550lm - Ra1b

IP40IK08



2655 - FL 2x45



Narrow beam optic: parabolic louvre in high-gloss aluminium, anti-reflection, anti-iridescent and highly efficient.

Constant light sensor and movement sensor with sub-code 0092.

2655 Evoluzione - narrow beam

		CELL-F		CELLF-E		CELLF-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 2x50 ECO	white	5.70	125782-00	6.20	125782-07	5.70	125782-51	4000K - 4450lm - Ra1b
FL 2x45 ECO	white	6.80	125781-00	7.30	125781-07	6.80	125781-51	4000K - 4100lm - Ra 1b
FL 2x73 ECO	white	6.80	125783-00	7.30	125783-07			4000K - 6550lm - Ra1b
FL 3x50 ECO	white	8.20	125786-00	8.70	125786-07	8.20	125786-51	4000K - 4450lm - Ra1b
FL 3x45 ECO	white	9.10	125785-00	9.60	125785-07	9.10	125785-51	4000K - 4100lm - Ra1b
FL 3x73 ECO	white	9.10	125787-00	9.60	125787-07			4000K - 6550lm - Ra 1b
FL 4x20 ECO	white	5.30	125788-00	5.80	125788-07	5.30	125788-51	4000K - 1650lm - Ra1b
FL 4x50 ECO	white	8.90	125790-00	9.70	125790-07	8.90	125790-51	4000K - 4450lm - Ra1b
FL 4x45 ECO	white	11.00	125789-00	11.50	125789-07	11.00	125789-51	4000K - 4100lm - Ra 1b
FL 4x73 ECO	white	11.00	125793-00	11.50	125793-07			4000K - 6550lm - Ra1b



Comfortlight

Housing: Galvanized steel stove pre-enamelling using white polyester resin.

Equipment: Quick connector for electrical line and door for electrical connection. Snap fastening optics, which remain attached using safety straps.

Installation: only for contact mounting on the T structure, max 38 mm.

On request: with quick connector socket.

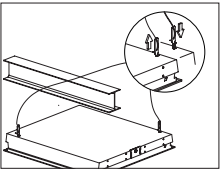
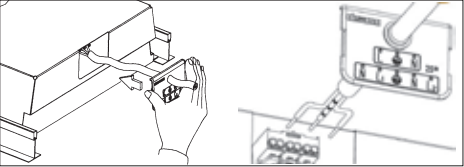
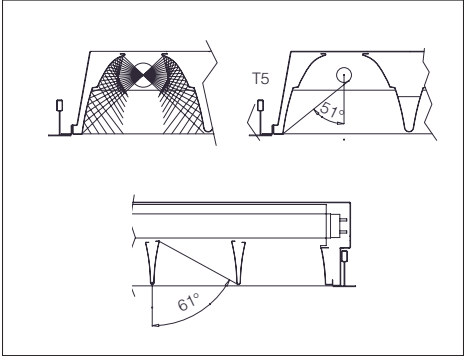
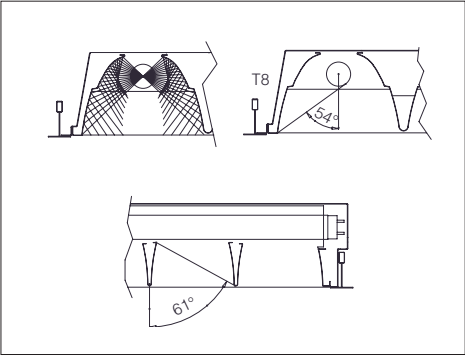
On request: DIMDIG (digital dimming). Also available in the EM version.



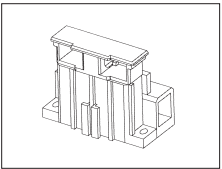
Darklight Fixtures: Dark light double parabolic louvers, in high-gloss plated aluminium 99.85. Anti-glare and anti-iridescence, very low luminance.



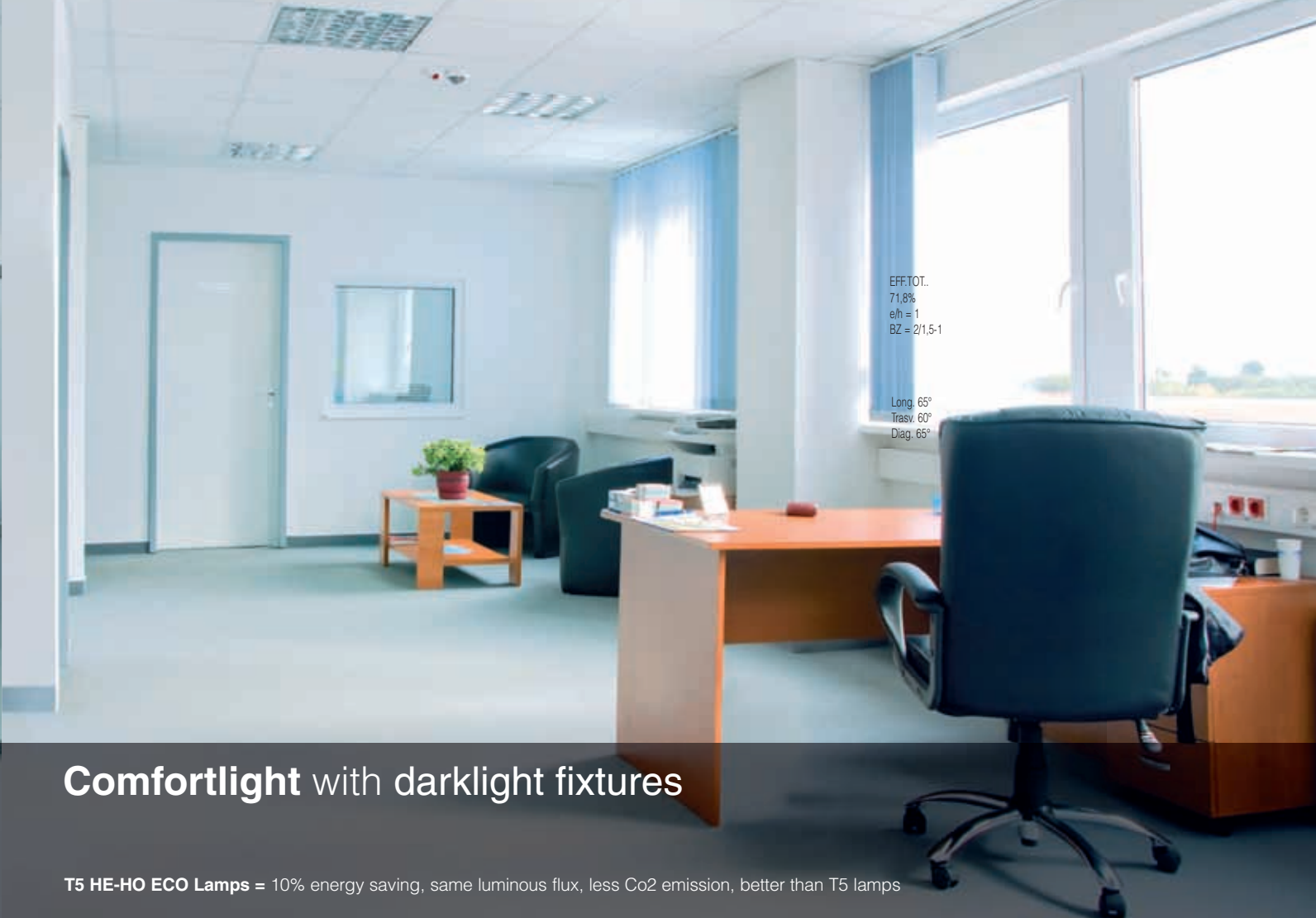
On request: with Wieland connector.



acc. 320 safety cord
998004-00
Steel safety cord.



acc. 203 fuse
984814-00
3,15A fuse. With fuse holder to be installed inside the fixture.

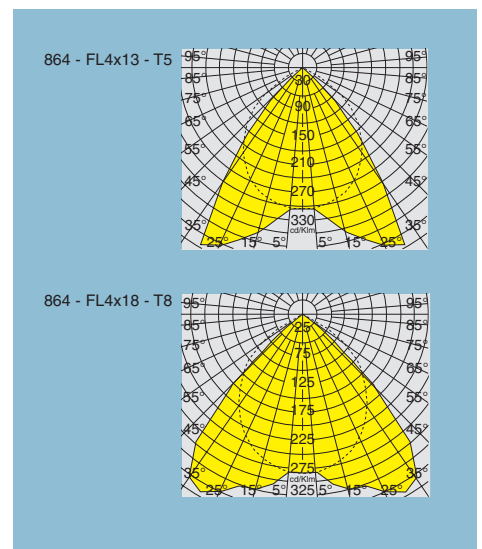
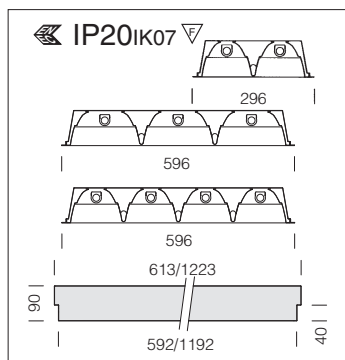


EFF.TOT.
71,8%
e/h = 1
BZ = 2/1,5-1

Long. 65°
Trasv. 60°
Diag. 65°

Comfortlight with darklight fixtures

T5 HE-HO ECO Lamps = 10% energy saving, same luminous flux, less Co2 emission, better than T5 lamps



Constant light sensor and occupancy sensor with sub-code 0092.

864 Comfortlight T5 - high-gloss optical 99,85

		CELL		CELL-E		CELL-DH		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 2x13 ECO	white	3.00	150414-00			3.10	150414-51	4000K - 1200lm - Ra 1b
FL 2x25 ECO	white	5.80	150415-00	6.20	150415-07	5.90	150415-51	4000K - 2450lm - Ra 1b
FL 3x13 ECO	white	5.00	150426-00	5.50	150426-07	5.10	150426-51	4000K - 1200lm - Ra 1b
FL 4x13 ECO	white	5.00	150416-00	5.50	150416-07	5.10	150416-51	4000K - 1200lm - Ra 1b
FL 4x25 ECO	white	10.00	150417-00	10.50	150417-07	10.10	150417-51	4000K - 2450lm - Ra 1b

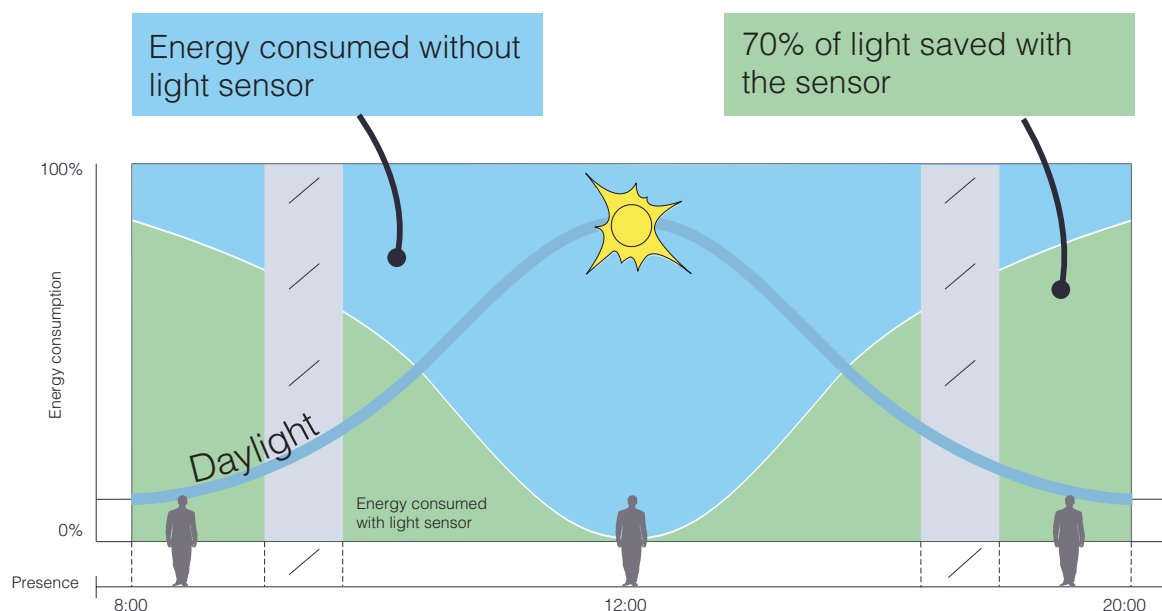
864 Comfortlight T8 - high-gloss optical 99,85

		CNRL		CNRL-E		CELL		Lamps (Ta=25°C)
wattage	colour	weight	code	weight	code	weight	code	Kelvin - ølm - Ra
FL 2x18	white	3.30	150418-00			2.30	150418-08	4000K - 1350lm - Ra 1b
FL 2x36	white	6.10	150419-00	7.10	150419-07	5.10	150419-08	4000K - 3350lm - Ra 1b
FL 3x18	white	5.10	150423-00	6.80	150423-07	4.80	150423-08	4000K - 1350lm - Ra 1b
FL 4x18	white	5.10	150420-00	6.80	150420-07	4.80	150420-08	4000K - 1350lm - Ra 1b
FL 4x36	white	11.00	150421-00	12.00	150421-07	10.00	150421-08	4000K - 3350lm - Ra 1b



The right light at any time!

Constant light sensor and occupancy sensor for additional energy savings.



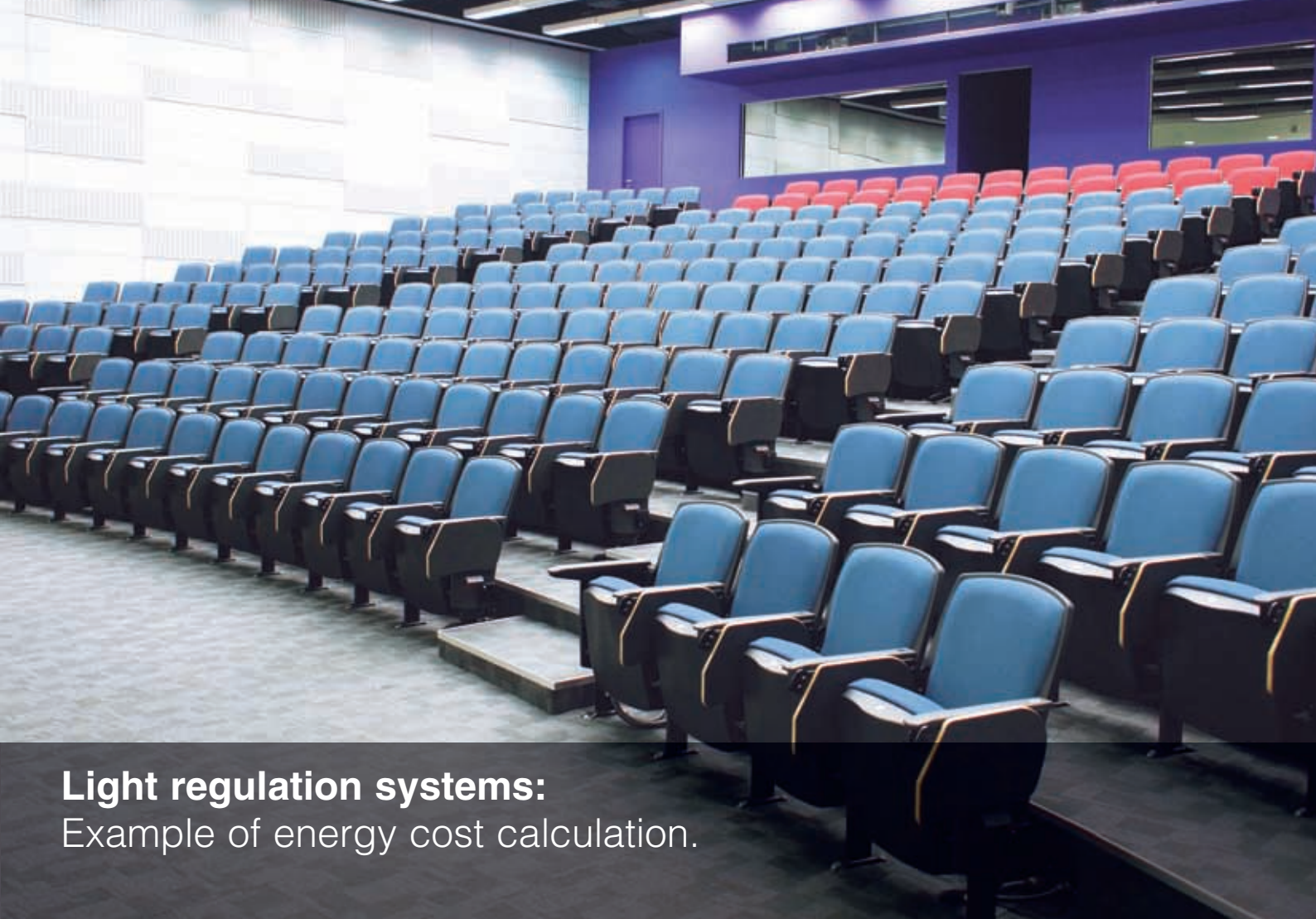
Light arouses emotions and makes us “feel better”, both physically and mentally, at work, or during our spare time.

The right light in the right place at the right time positively stimulates our behaviour towards work, and benefits our well being. Today’s approach to quality lighting as a whole encompasses technical, architectural and operating aspects.

As opposed to the static “on-off” models, cost effective, energy efficient light is required: daylight-controlled light regulation, the creation of different luminous settings by simply pressing a button and dynamic applications.

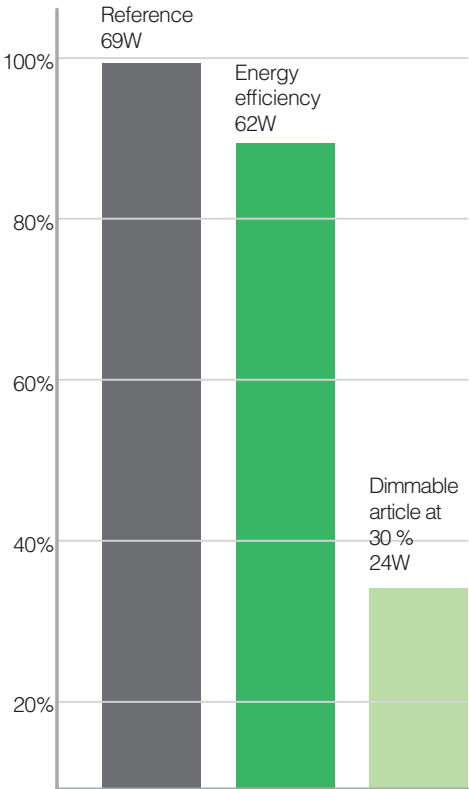
In so doing, energy efficiency and comfort are no longer viewed as a contradiction: natural light if necessary, is integrated by modern artificial light,

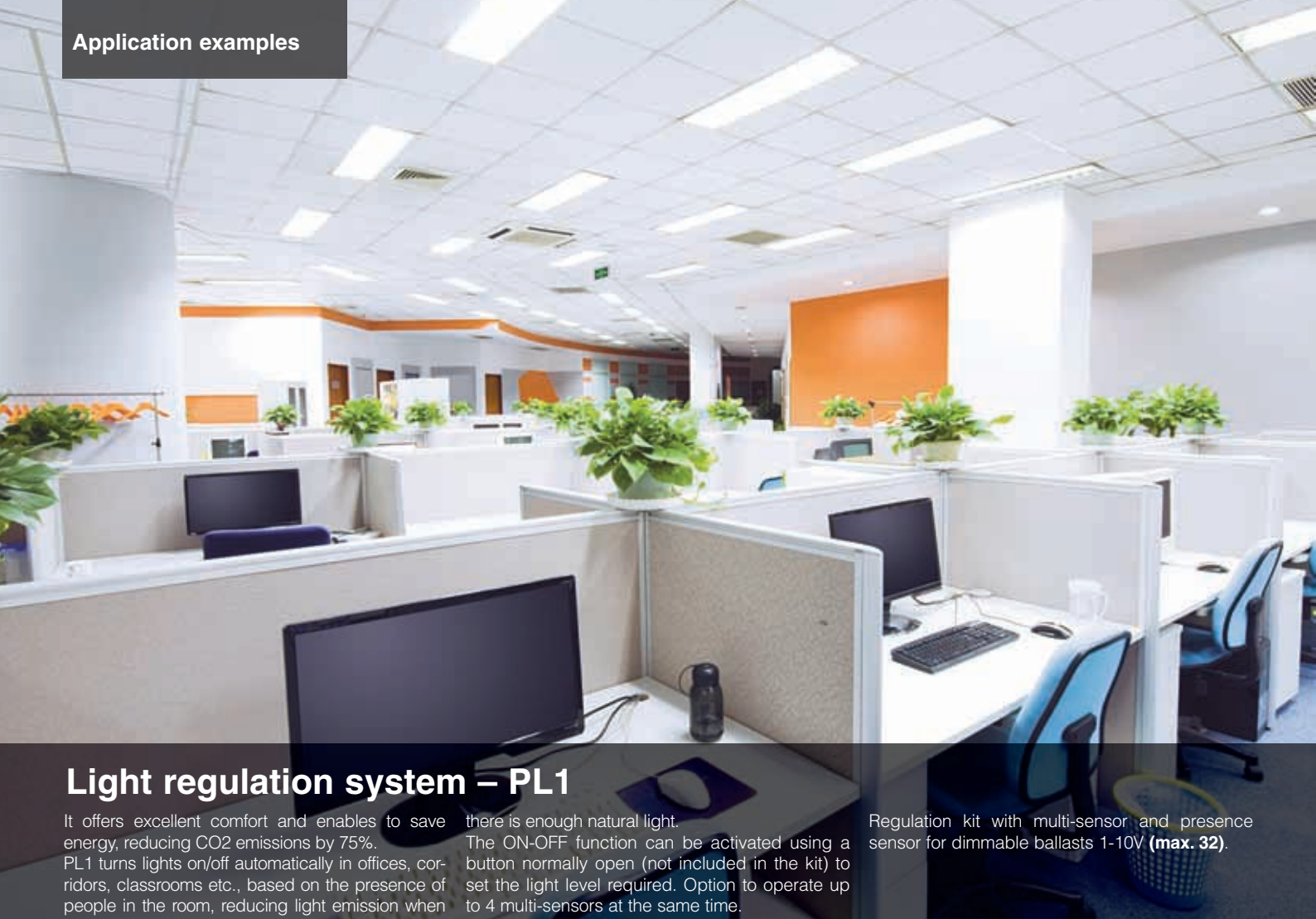
which is cheaper and made to look more “natural”. The most evident advantage is that users can decide in total freedom to adjust the light levels desired.



Light regulation systems: Example of energy cost calculation.

OPTIONS	REFERENCE ARTICLE	ELECTRONIC ARTICLE	DIMMABLE ARTICLE	ELECTRONIC ARTICLE
Type of lamp	864 Comfort T8 FL 4 x 18	864 Comfort T5 FL 4 x 13 ECO	864 Comfort T5 FL 4 x 13 ECO	853 MiniComfort T5 FL 4 x 13 ECO
Wiring	CELL	CELL	CELL-DH	CELL
No. of lighting fixtures	50	50	50	50
Consumption	6,9 MWh/a	6,2 MWh/a	2,48 MWh/a	6,2 MWh/a
Electricity costs	966 €/a	868 €/a	347 €/a	868 €/a
Annual saving	energy	700 kWh/a	4,419 MWh/a	700 kWh/a
	cost	98 €/a	618 €/a	98 €/a
	CO2 reduction	296 kg/a	1,874 kg/a	296 kg/a
price (€)	74	90	140	105
Installation cost	3700	4500	7000	5250
Difference (€)	-	800	3300	1550



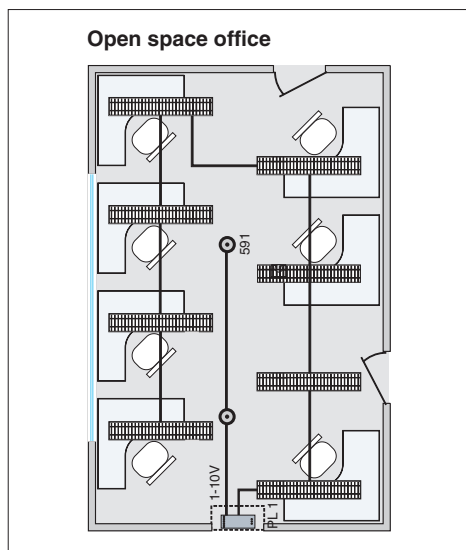


Light regulation system – PL1

It offers excellent comfort and enables to save energy, reducing CO2 emissions by 75%. PL1 turns lights on/off automatically in offices, corridors, classrooms etc., based on the presence of people in the room, reducing light emission when

there is enough natural light. The ON-OFF function can be activated using a button normally open (not included in the kit) to set the light level required. Option to operate up to 4 multi-sensors at the same time.

Regulation kit with multi-sensor and presence sensor for dimmable ballasts 1-10V (**max. 32**).



PL1 - plus	
colour	code
white	986548-00



Specifications:

- Installation height max. 3 m
- Area covered (ø 7 m)

List of material for application examples:

- PL1 Plus
- Box for separate installation acc. 588 (code 986581-00)
- Ceiling light fixture 1/10V with sub-code 13, 51, 52
- Multi sensor 591 (code 986584)

acc. 591 Multi-sensor
986584-00
Additional sensor for wider area control (only presence sensor)

acc. 593 Multi function connector
986586-00
To be used with an additional multi- sensor for PL1 and PL2

acc. 588 Box for separate installation	
white	986581-00
Box for installation of PL1 and PL2. To be used for false ceiling installation.	

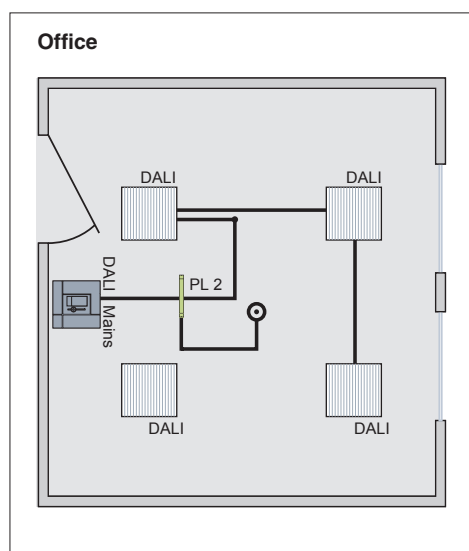


Light regulation system – PL2

Regulation kit with multi-sensor or presence sensor for DALI ballasts (**max. 32**). It enables to operate the lighting system using a button normally open and a multi-sensor to check the quantity of natural incoming light and people's presence

in the room.

The ON-OFF function can be activated using a button normally open (not included in the kit) to set the light level required. Option to operate up to 4 multi sensors at the same time.



PL2 - plus	
colour	code
white	986549-00



Specifications:

- Installation height max. 3 m
- Area covered (ø 7 m)
- DALI ceiling light fixture with sub-code 1341, 5141 or 5241.

List of material for application examples:

- PL2 Plus
- Box for separate installation PL2 acc. 588 (code 986581-00)
- DALI ceiling light fixture with sub-code 1341, 5141 or 5241

acc. 591 Multi-sensor
986584-00
Additional sensor for wider area control (only presence sensor)

acc. 593 Multi function connector
986586-00
To be used with an additional multi- sensor for PL1 and PL2

acc. 588 Box for separate installation	
white	986581-00
Box for installation of PL1 and PL2. To be used for false ceiling installation.	

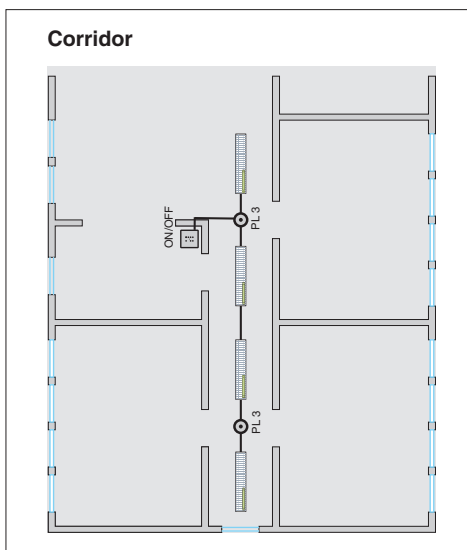


Light regulation system – PL3

Stand-alone sensor, which switches off the lights when the area is empty. Compatible with any type of lighting fixture or lamp. Perfect for application in offices, warehouses, toilets, corridors

and hallways, as well as spaces only occasionally used during the day.

IR remote control function. The ON/OFF function is based on the presence of people and on minimum light levels required.



PL3 - plus	
colour	code
white	986591-00



Specifications:

- Maximum output current 6A
- Busy area (h=2.5m): 4x5m small movements, 6x8m large movements
- Selectable switch-off mode
- Selector for adjusting the light levels required
- IR remote control
- Manual switch-on and automatic switch-off mode
- Parallel connection for covering large areas
- Retractable screen for partial screening
- Next to the automatic control, the on-off mode can be manually operated.

List of material for application examples:

- PL3 Plus
- Ceiling box for PL3 acc. 590 (code 986583-00)
- Ceiling light fixtures with non dimmable electronic gear

acc. 590 Box for ceiling installation	
white	986583-00
Box for ceiling installation of PL3.	

acc. 592 Additional presence multi-sensor	
	986585-00

acc. 595 IR remote control for settings / dimming	
black	986588-00