heda

... inspired by you

Catalogue 2019-2020

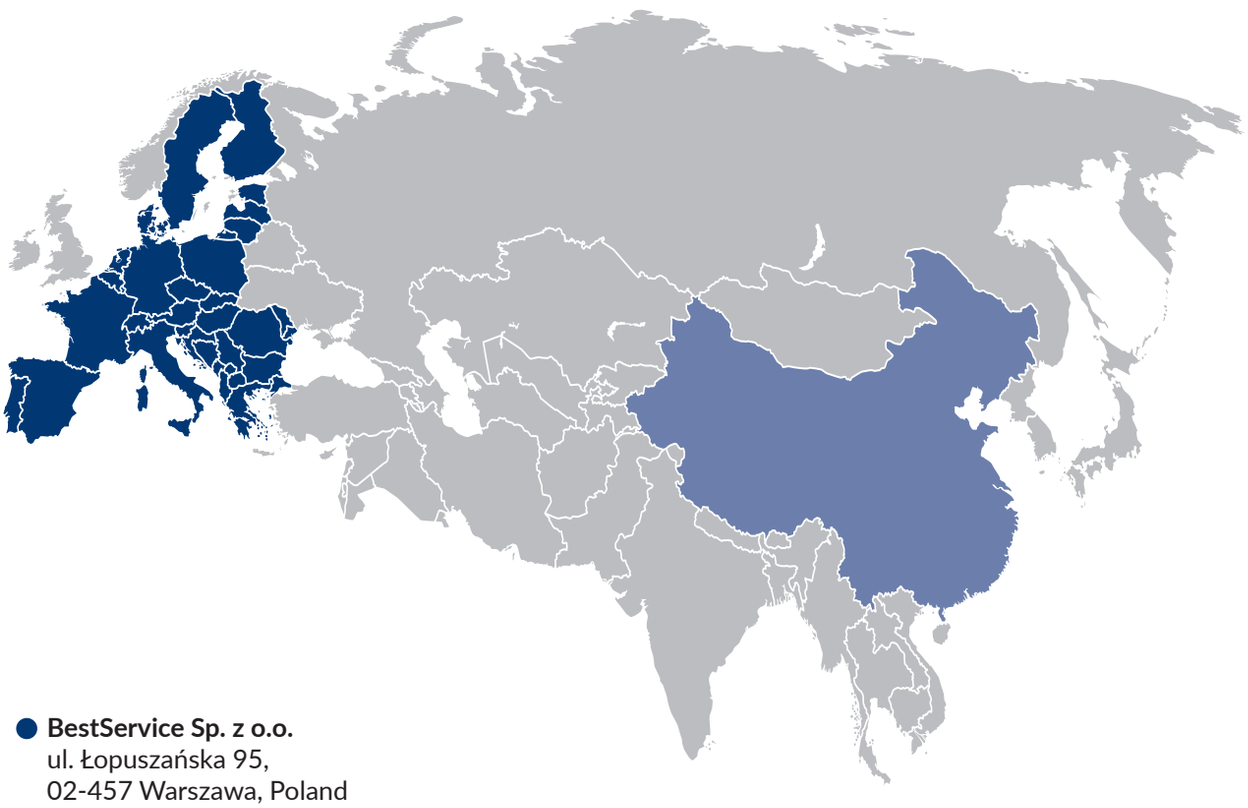
Katalog

LED

Technology of saving

www.hedalighting.eu

LUMAX and Heda are a thriving European brands of LED lighting. From the very beginning we have been putting an great emphasis on the quality of the products sold. Our products contain chips made only by the world's leading LED manufacturers. All products meet the strict quality requirements in accordance with the directives of the European Union, which guarantees an opportunity of our product usage for many years. We are inspired by changes in the lighting industry and that is why not only do we catch the wave but also we are moving beyond. Our goal is to meet the most demanding clients' needs as also the environment protection. Our products are available from warehouses in Poland, Greece and China.



BestService Sp. z o.o.
ul. Łopuszańska 95,
02-457 Warszawa, Poland

Bestservice Hellas IKE
Ταβουλάρη 11 Αθήνα τκ 11141,
Athens, Greece

BestService China
Address: No.669 Songjiang
Dong Road, Yinzhou District,
Ningbo City, China

4 **LED Bulbs - candles and small bulbs**
Źródła LED - świeczki i kulki

5 **LED Bulbs - standard A60 i A65**
Źródła LED - klasyczne A60 and A65

6 **LED Bulbs - reflector MR16**
Źródła LED – reflektory MR16

7 **LED strips DC 12V**
Taśmy LED DC 12V

8 **SMD glass LED tube**
Tuby LED

9 **Dustproof lighting fitting for T8 LED tubes**
Oprawa hermetyczna na tuby LED T8

10 - 11 **LED Panel 60x60 / 30x120**
Panel LED 60x60 / 30x120

12 **LED T5 Batten with on/off switch**
Listwa LED T5 z przełącznikiem on/off

13 **LED Ceiling lamp / LED Downlight**
Plafoniery LED / Downlight LED

14 - 17 **LED Downlight**
Downlight LED

18 **Outdoor LED Bulkhead**
Zewnętrzna natynkowa oprawa LED

19 **Outdoor LED Wall lamp**
Zewnętrzna natynkowa oprawa LED

20 **LED Ceiling lamp**
Oprawa sufitowa LED

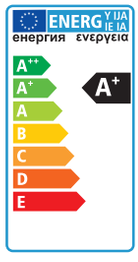
21 **LED Waterproof lamp**
Oprawa hermetyczna LED

22 - 23 **LED Floodlight**
Naświetlacz LED

24 - 25 **Street lamp**
Oprawa uliczna LED

LED Bulbs

Smooth light without flickering



LED Bulbs - candels and small bulbs

Index	Type	Power	Base	Lumen	Voltage	CRI	Lighting angle	Tempera-ture	Lifetime	ON/OFF	Lamp size
HD021	C37flame	**3W**=>25W	E14	250	175-250V	>80	200°	3000 K	25 000 H	>15 000	37x130mm
HD020	C37	**3W**=>25W	E14	250	175-250V	>80	200°	3000 K	25 000 H	>15 000	37x98mm
HD053	C37	**6W**=>40W	E14	470	175-250V	>80	200°	3000 K	25 000 H	>15 000	37x99mm
HD060	C37	**6W**=>40W	E14	475	175-250V	>80	200°	6500 K	25 000 H	>15 000	37x99mm
HD054	C37	**6W**=>40W	E27	470	175-250V	>80	200°	3000 K	25 000 H	>15 000	37x99mm
HD055	C37	**8W**=>50W	E14	640	175-250V	>80	200°	3000 K	25 000 H	>15 000	37x107mm
HD066	C37	**8W**=>51W	E14	660	175-250V	>80	200°	6500 K	25 000 H	>15 000	37x107mm
HD050	G45	**6W**=>40W	E14	470	175-250V	>80	200°	3000 K	25 000 H	>15 000	45x78mm
HD063	G45	**6W**=>40W	E14	475	175-250V	>80	200°	6500 K	25 000 H	>15 000	45x78mm
HD052	G45	**6W**=>40W	E27	470	175-250V	>80	200°	3000 K	25 000 H	>15 000	45x78mm
HD062	G45	**6W**=>40W	E27	475	175-250V	>80	200°	6500 K	25 000 H	>15 000	45x78mm

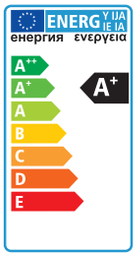
Housing - thermally conductive plastic + aluminum radiator
Obudowa - plastik termoprzewodzący + aluminiowy radiator

2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

Źródła LED

Stabilne światło bez migotania



A60

7W
10W
12W

A60

15W

A65

17W

3000 K 4000 K 6500 K

LED Bulbs - standard A60 and A65

Index	Type	Power	Base	Lumen	Voltage	CRI	Lighting angle	Tempera-ture	Lifetime	ON/OFF	Lamp size
HD100	A60	**7W**=>40W	E27	470	175-250V	>80	200°	3000 K	25 000 H	>15 000	60x109mm
HD120	A60	**7W**=>40W	E27	475	175-250V	>80	200°	4000 K	25 000 H	>15 000	60x109mm
HD110	A60	**7W**=>40W	E27	475	175-250V	>80	200°	6500 K	25 000 H	>15 000	60x109mm
HD101	A60	**10W**=>60W	E27	806	175-250V	>80	200°	3000 K	25 000 H	>15 000	60x109mm
HD121	A60	**10W**=>61W	E27	815	175-250V	>80	200°	4000 K	25 000 H	>15 000	60x109mm
HD111	A60	**10W**=>61W	E27	815	175-250V	>80	200°	6500 K	25 000 H	>15 000	60x109mm
HD102	A60	**12W**=>75W	E27	1050	175-250V	>80	200°	3000 K	25 000 H	>15 000	60x109mm
HD122	A60	**12W**=>77W	E27	1100	175-250V	>80	200°	4000 K	25 000 H	>15 000	60x109mm
HD112	A60	**12W**=>77W	E27	1100	175-250V	>80	200°	6500 K	25 000 H	>15 000	60x109mm
HD103	A60	**15W**=>88W	E27	1300	175-250V	>80	200°	3000 K	25 000 H	>15 000	60x121mm
HD123	A60	**15W**=>91W	E27	1350	175-250V	>80	200°	4000 K	25 000 H	>15 000	60x121mm
HD113	A60	**15W**=>91W	E27	1350	175-250V	>80	200°	6500 K	25 000 H	>15 000	60x121mm
HD105	A65	**17W**=>107W	E27	1650	175-250V	>80	200°	3000 K	25 000 H	>15 000	65x134mm
HD115	A65	**17W**=>112W	E27	1750	175-250V	>80	200°	6500 K	25 000 H	>15 000	65x134mm

Housing - thermally conductive plastic + aluminum radiator
Obudowa - plastik termoprzewodzący + aluminiowy radiator

CRI(RA) >80 | 200° | 175-250V 50-60 Hz | 25.000 h | on/off >15.000

CE EuP compliant RoHS COMPLIANT

*CRI (RA) >80

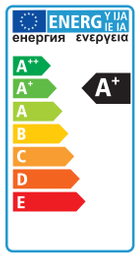
* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

heda®

LED Bulbs

Smooth light without flickering

<80% Energy Save



MR16

1,9W
4W
6W

MR16

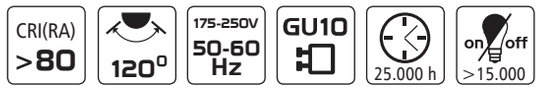
8W

3000 K — 6500 K

LED Bulbs - reflector MR16

Index	Type	Power	Base	Lumen	Voltage	CRI	Lighting angle	Tempera-ture	Lifetime	ON/OFF	Lamp size
HD210	MR16	**1,9W**=>15W	GU10	130	175-250V	>80	120°	3000 K	25 000 H	>15 000	50x55mm
HD211	MR16	**1,9W**=>15W	GU10	135	175-250V	>80	120°	6000 K	25 000 H	>15 000	50x55mm
HD220	MR16	**4W**=>28W	GU10	300	175-250V	>80	120°	3000 K	25 000 H	>15 000	50x55mm
HD221	MR16	**4W**=>30W	GU10	310	175-250V	>80	120°	6500 K	25 000 H	>15 000	50x55mm
HD230	MR16	**6W**=>36W	GU10	410	175-250V	>80	120°	3000 K	25 000 H	>15 000	50x55mm
HD231	MR16	**6W**=>37W	GU10	430	175-250V	>80	120°	6500 K	25 000 H	>15 000	50x55mm
HD243	MR16	**8W**=>54W	GU10	710	175-250V	>80	120°	3000 K	25 000 H	>15 000	50x55mm
HD244	MR16	**8W**=>55W	GU10	730	175-250V	>80	120°	6500 K	25 000 H	>15 000	50x55mm

Housing - thermally conductive plastic + aluminum radiator
Obudowa - plastik termoprzewodzący + aluminiowy radiator



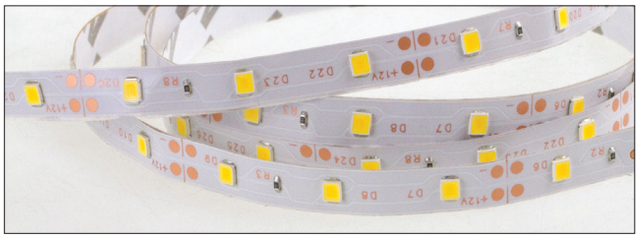
2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

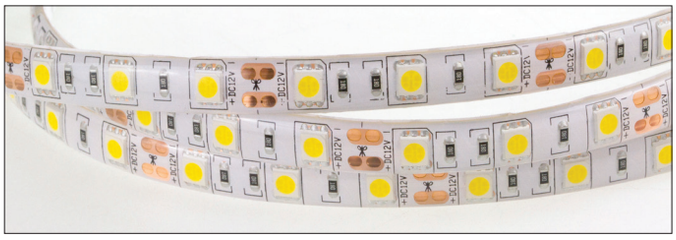
LED strips DC 12V

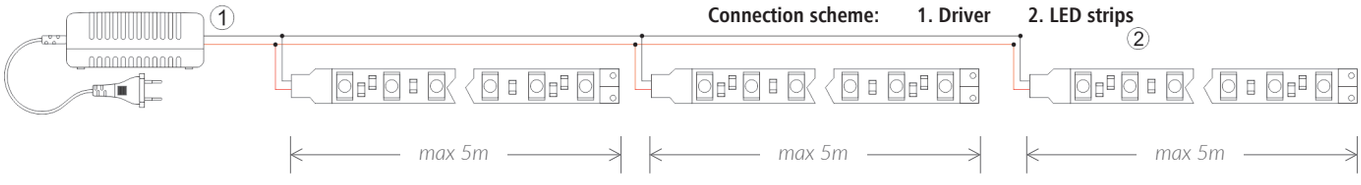
Taśmy LED DC 12V

LED size 2835 | 60 SMD/m | IP20/IP65 | 5mx8mm



LED size 5050 | 60 SMD/m | IP20/IP65 | 5mx10mm





The maximum length of the LED strip connected to one power supply can not exceed 5m. In the case of longer installations, the strips should be connected in parallel, see scheme above.

Maksymalna długość taśmy LED podłączonej do jednego zasilacza nie może przekraczać 5m. W wypadku dłuższych instalacji, taśmy należy podłączyć równolegle, jak na schemacie powżej.

<80% Energy Save

IP 20

	3000 K warm light	cold light 6500 K	3000 K warm light	cold light 6500 K	RGB
LED size	2835	2835	5050	5050	5050
Power / m	< 4.8W	< 4.8W	<14,4W/m	<14,4W/m	< 14.4W
Lumen / m	250	250	360	360	300
SMD / m	60	60	60	60	60
Voltage	12V DC	12V DC	12V DC	12V DC	12V DC
CRI	>70	>70	>70	>70	>70
Lighting angle	120°	120°	120°	120°	120°
Temperature	3000 K	6500 K	3000 K	6500 K	RGB
IP	20	20	20	20	20
Cut-cut lenght	5 cm	5 cm	5 cm	5 cm	5 cm
Lenght / width	5m / 8mm	5m / 8mm	5m / 10mm	5m / 10mm	5m / 10mm
	HS010	HS012	HS050	HS052	HS059

<80% Energy Save

IP 65

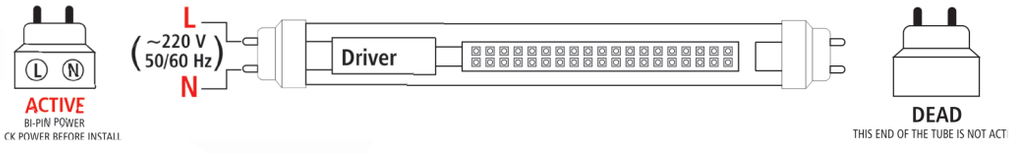
LED size	2835	2835	5050	5050	5050
Power / m	< 4.8W	< 4.8W	< 14.4W	< 14.4W	< 14.4W
Lumen / m	250	250	360	360	360
SMD / m	60	60	60	60	60
Voltage	12V DC	12V DC	12V DC	12V DC	12V DC
CRI	>70	>70	>70	>70	>70
Lighting angle	120°	120°	120°	120°	120°
Temperature	3000 K	6500 K	3000 K	6500 K	RGB
IP	65	65	65	65	65
Cut-cut lenght	5 cm	5 cm	5 cm	5 cm	5 cm
Lenght / width	5m / 8mm	5m / 8mm	5m / 10mm	5m / 10mm	5m / 10mm
	HS020	HS022	HS060	HS062	HS069

heda®

SMD glass LED tube

Tuby szklane LED

Fireproof V1
Ognioodporne końcówki V1



STARTER included

Power	10W	10W	18W	18W	24W	24W
Lumen	900	900	1620	1620	2160	2160
Voltage	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
CRI	>80	>80	>80	>80	>80	>80
Lighting angle	180°	180°	180°	180°	180°	180°
Temperature	4100 K	6500 K	4100 K	6500 K	4100 K	6500 K
Lifetime	20 000 H	20 000 H	20 000 H	20 000 H	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000	> 15 000	> 15 000	> 15 000	> 15 000
Lamp size	600 mm	600 mm	1200 mm	1200 mm	1500 mm	1500 mm
	HDT10NGL	HDT10CGL	HDT18NGL	HDT18CGL	HDT24NGL	HDT24CGL

2 years Guarantee

*CRI (RA) >80

Power – Moc / Lumen – Strumień świetlny / Voltage – Napięcie / Lighting angle – Kąt rozsylu / Temperature – Temperatura barwowa / Lifetime – Trwałość / Lamp size – Wymiary lampy

CE EuP compliant RoHS COMPLIANT

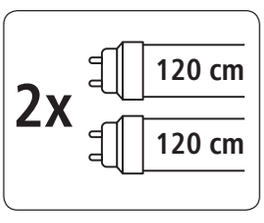
Dustproof lighting fitting for T8 LED tubes

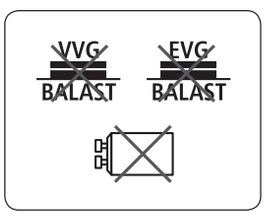
Oprawa hermetyczna na tuby LED T8

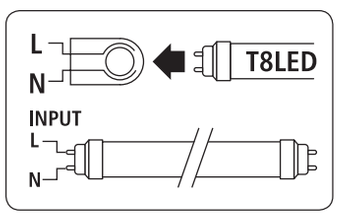
Tube type	T8 LED
Tube size	120 cm
Tube number	2
Base	G13
IP	65
Lamp size	1260x107x61mm
Net weight	0,98 kg

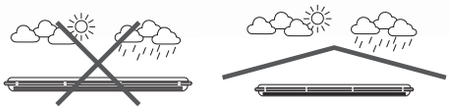
HDL236

ABS+PS

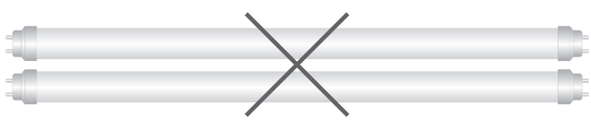








Oprawa nie zawiera tub LED
Fixture doesn't contain LED tubes



heda® LED Technology of saving

Dustproof lighting fitting for T8 LED tubes
Oprawa hermetyczna na tuby LED T8
ABS+PS 2x tuba T8 LED

LED Panel 60x60 / 30x120

Panel LED 60x60 / 30x120

Grid based recessed mounting
Do sufitów podwieszanych

Optional spring recessed mounting*
Opcjonalny montaż w suficie podwieszanym z kartongipsu
LOP905

Optional surface mounting*
Opcjonalny montaż natynkowy
LOP901W

Optional hanging installation*
Opcjonalny montaż na zawiesiach
LOP903D

*requires additional mounting set / *wymaga dodatkowego zestawu montażowego

4000 K natural light cold light 6000 K

<50% Energy Save

Power	40W	40W
Lumen	3200	3200
Voltage	175-265V	175-265V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4000 K	6000 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	595x595x10mm	595x595x10mm
	HPL4060	HPL4060C

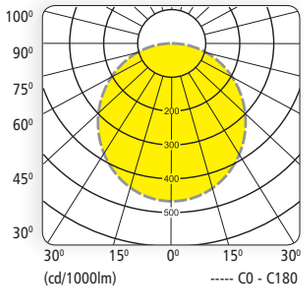
IC Driver No Flickering | 40W | 4x18W | IP 20 | IK 04 | 3200 lumen | 120° | 175-265V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 20.000 h | on/off >15.000 | 100% <1s

4000 K natural light cold light 6000 K

<50% Energy Save

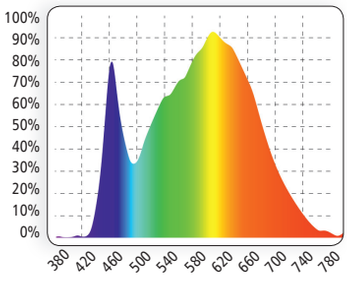
Power	40W	40W
Lumen	3200	3200
Voltage	175-265V	175-265V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4000 K	6000 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	295x1195x10mm	295x1195x10mm
	HPL40120	HPL40120C

Photometric solid



(cd/1000lm) ----- C0 - C180

Spectrum 4000K



IC Driver No Flickering | 40W | 2x36W | IP 20 | IK 04 | 3200 lumen | 120° | 175-265V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 20.000 h | on/off >15.000 | 100% <1s

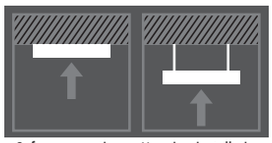
2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

Hg | CE | EuP compliant | RoHS COMPLIANT

LED Panel 60x60 / 30x120 surface mounting

Panel LED 60x60 / 30x120 natynkowy



Sufrace mounting Hanging installation

4000 K natural light cold light 6000 K

<50% Energy Save

Power	40W	40W
Lumen	3200	3200
Voltage	175-265V	175-265V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4000 K	6000 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	595x595x34mm	595x595x34mm
	HPL4060SM	HPL4060CSM

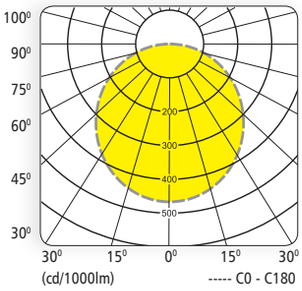
IC Driver No Flickering | 40W | 4x18W | IP 20 | IK 04 | 3200 lumen | 120° | 175-265V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 20.000 h | on off >15.000 | 100% <1s

4000 K natural light cold light 6000 K

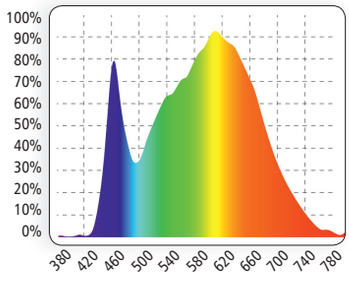
<50% Energy Save

Power	40W	40W
Lumen	3200	3200
Voltage	175-265V	175-265V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4000 K	6000 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	295x1195x34mm	295x1195x34mm
	HPL40120SM	HPL40120CSM

Photometric solid



Spectrum 4000K



IC Driver No Flickering | 40W | 2x36W | IP 20 | IK 04 | 3200 lumen | 120° | 175-265V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 20.000 h | on off >15.000 | 100% <1s

CE EuP compliant RoHS COMPLIANT

*CRI (RA) >80

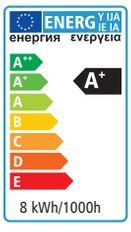
* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

LED T5 Batten with on/off switch

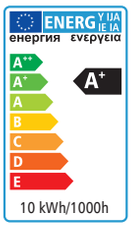
Listwa LED T5 z przełącznikiem on/off

<80% Energy Save

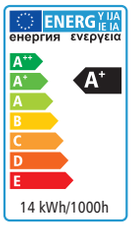
8W | IP 20 | IK 02 | 680 lumen | 180° | 180-256V 50Hz | CRI(RA) >80 | PF >0.5 | 25.000 h | on/off >15.000



10W | IP 20 | IK 02 | 850 lumen | 180° | 180-256V 50Hz | CRI(RA) >80 | PF >0.5 | 25.000 h | on/off >15.000



14W | IP 20 | IK 02 | 1180 lumen | 180° | 180-256V 50Hz | CRI(RA) >80 | PF >0.5 | 25.000 h | on/off >15.000



Included accessories

	natural light 4000 K	cold light 6500 K	natural light 4000 K	cold light 6500 K	natural light 4000 K	cold light 6500 K
Power	8W	8W	10W	10W	14W	14W
Lumen	680	680	850	850	1180	1180
Voltage	180-256V	180-256V	180-256V	180-256V	180-256V	180-256V
CRI	>80	>80	>80	>80	>80	>80
Lighting angle	180°	180°	180°	180°	180°	180°
Temperature	4000 K	6500 K	4000 K	6500 K	4000 K	6500 K
Lifetime	25 000 H	25 000 H	25 000 H	25 000 H	25 000 H	25 000 H
ON/OFF	> 15000	> 15000	> 15000	> 15000	> 15000	> 15000
Lamp size	600 mm	600 mm	900 mm	900 mm	1200 mm	1200 mm
	HDT508N	HDT508C	HDT510N	HDT510C	HDT514N	HDT514C

2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

CE EuP compliant RoHS COMPLIANT

LED Ceiling lamp

IP 20 | 12W | 90W 30W

840 lumen | 120° | 220-240V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 25.000 h | on/off >15.000 | 100% w<1s

4000 K natural light

<80% Energy Save

ENERG Y IJA IE IA енергия ενεργεια A++ A+ A B C D E A+ 12 kWh/1000h

Power	12W
Lumen	840
Voltage	220-240 V
CRI	>80
Lighting angle	120°
Temperature	4000 K
Lifetime	25 000 H
ON/OFF	> 15 000
Lamp size	ø265 x 65 mm

HCL1202

LED Downlight

25W | 225W 72W | IP 20 | IK 04

1800 lumen | 100° | 230V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 25.000 h | on/off >15.000 | 100% w<1s | Hole Ø 200 mm

2700 K warm light

<80% Energy Save

ENERG Y IJA IE IA енергия ενεργεια A++ A+ A B C D E A+ 25 kWh/1000h

Power	25W
Lumen	1800
Voltage	230 V
CRI	>80
Lighting angle	100°
Temperature	2700 K
Lifetime	25 000 H
ON/OFF	> 15 000
Lamp size	ø230 x 60 mm

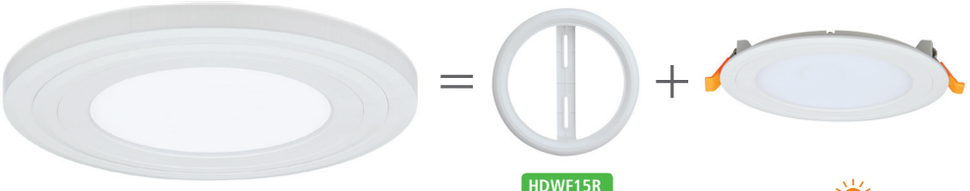
HDW025

*CRI (RA) >80

* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

Optional accessories: surface mounting frames

<50% Energy Save



HDWF15R
HDWF17R
HDWF22R

	warm light	natural light	cold light
Power	9W	9W	9W
Lumen	600	620	650
Voltage	180-260	180-260	180-260
CRI	>80	>80	>80
Lighting angle	120°	120°	120°
Temperature	3000 K	4000 K	6500 K
Lifetime	15 000 H	15 000 H	15 000 H
ON/OFF	> 7 500	> 7 500	> 7 500
Lamp size	ø146x25,5mm	ø146x25,5mm	ø146x25,5mm
Indeks	HDW09RW	HDW09RN	HDW09RC

9W | 81W 26W | IP40 | SURFACE MOUNTING FRAME HDWF15R | Hole < 130MM >

600 LM HDW09RW | 620 LM HDW09RN | 650 LM HDW09RC | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7 500

Power	12W	12W	12W
Lumen	800	850	900
Voltage	180-260	180-260	180-260
CRI	>80	>80	>80
Lighting angle	120°	120°	120°
Temperature	3000 K	4000 K	6500 K
Lifetime	15 000 H	15 000 H	15 000 H
ON/OFF	> 7 500	> 7 500	> 7 500
Lamp size	ø170x25,5mm	ø170x25,5mm	ø170x25,5mm
Indeks	HDW12RW	HDW12RN	HDW12RC

12W | 112W 36W | IP40 | SURFACE MOUNTING FRAME HDWF17R | Hole < 155MM >

800 LM HDW12RW | 850 LM HDW12RN | 900 LM HDW12RC | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7 500

Power	18W	18W	18W
Lumen	1260	1300	1350
Voltage	180-260	180-260	180-260
CRI	>80	>80	>80
Lighting angle	120°	120°	120°
Temperature	3000 K	4000 K	6500 K
Lifetime	15 000 H	15 000 H	15 000 H
ON/OFF	> 7 500	> 7 500	> 7 500
Lamp size	ø224x25,5mm	ø224x25,5mm	ø224x25,5mm
Indeks	HDW18RW	HDW18RN	HDW18RC

18W | 168W 54W | IP40 | SURFACE MOUNTING FRAME HDWF22R | Hole < 210MM >

1260 LM HDW18RW | 1300 LM HDW18RN | 1350 LM HDW18RC | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7 500

2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

CE EuP compliant RoHS COMPLIANT

Optional accessories: surface mounting frames

HDWF15S
HDWF20S

warm light | natural light | cold light

Power	9W	9W	9W
Lumen	600	620	650
Voltage	180-260	180-260	180-260
CRI	>80	>80	>80
Lighting angle	120°	120°	120°
Temperature	3000 K	4000 K	6500 K
Lifetime	15 000 H	15 000 H	15 000 H
ON/OFF	> 7 500	> 7 500	> 7 500
Lamp size	147x147x25.5mm	147x147x25.5mm	147x147x25.5mm
Indeks	HDW09SW	HDW09SN	HDW09SC

600 LM HDW09SW | 620 LM HDW09SN | 650 LM HDW09SC | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7 500 | Hole < 130MM > | SURFACE MOUNTING FRAME HDWF15S | 9W → 81W 26W | IP40

Power	12W	12W	12W
Lumen	800	850	900
Voltage	180-260	180-260	180-260
CRI	>80	>80	>80
Lighting angle	120°	120°	120°
Temperature	3000 K	4000 K	6500 K
Lifetime	15 000 H	15 000 H	15 000 H
ON/OFF	> 7 500	> 7 500	> 7 500
Lamp size	201.5x201.5x25.5mm	201.5x201.5x25.5mm	201.5x201.5x25.5mm
Indeks	HDW12SW	HDW12SN	HDW12SC

800 LM HDW12SW | 850 LM HDW12SN | 900 LM HDW12SC | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7 500 | Hole < 185MM > | SURFACE MOUNTING FRAME HDWF20S | 12W → 112W 36W | IP40

Power	18W	18W	18W
Lumen	1260	1300	1350
Voltage	180-260	180-260	180-260
CRI	>80	>80	>80
Lighting angle	120°	120°	120°
Temperature	3000 K	4000 K	6500 K
Lifetime	15 000 H	15 000 H	15 000 H
ON/OFF	> 7 500	> 7 500	> 7 500
Lamp size	201.5x201.5x25.5mm	201.5x201.5x25.5mm	201.5x201.5x25.5mm
Indeks	HDW18SW	HDW18SN	HDW18SC

1260 LM HDW18SW | 1300 LM HDW18SN | 1350 LM HDW18SC | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7 500 | Hole < 185MM > | SURFACE MOUNTING FRAME HDWF20S | 18W → 168W 54W | IP40

*CRI (RA) >80

* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

<50% Energy Save

Power	8W => 50W
Voltage	180-260V
CRI	>80
Lifetime	15 000 H
ON/OFF	> 7 500
Lamp size	ø78x52 mm

38° 60°

	HDW083NN	HDW083MN	HDW083NC	HDW083MC
Lumen	640	640	640	640
Lighting angle	38°	60°	38°	60°
Temperature	4000 K	4000 K	6500 K	6500 K

8W 50W | IP40 | 640 lumen | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on off >7 500 | Hole < 65MM >

<50% Energy Save

Power	8W => 50W
Voltage	180-260V
CRI	>80
Lifetime	15 000 H
ON/OFF	> 7 500
Lamp size	ø78x52 mm

60° 100°

	HDW081MN	HDW081WN	HDW081MC	HDW081WC
Lumen	640	640	640	640
Lighting angle	60°	100°	60°	100°
Temperature	4000 K	4000 K	6500 K	6500 K

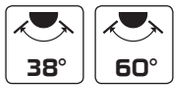
8W 50W | IP40 | 640 lumen | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on off >7 500 | Hole < 65MM >

2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

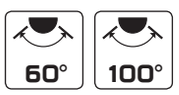
CE EuP compliant RoHS COMPLIANT

Power	8W => 50W
Voltage	180-260V
CRI	>80
Lifetime	15 000 H
ON/OFF	> 7 500
Lamp size	ø74x52 mm



	HDW084NN	HDW084MN	HDW084NC	HDW084MC
Lumen	640	640	640	640
Lighting angle	38°	60°	38°	60°
Temperature	4000 K	4000 K	6500 K	6500 K

Power	8W => 50W
Voltage	180-260V
CRI	>80
Lifetime	15 000 H
ON/OFF	> 7 500
Lamp size	ø74x52 mm



	HDW082MN	HDW082WN	HDW082MC	HDW082WC
Lumen	640	640	640	640
Lighting angle	60°	100°	60°	100°
Temperature	4000 K	4000 K	6500 K	6500 K

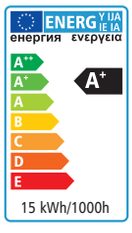
Outdoor LED Bulkhead

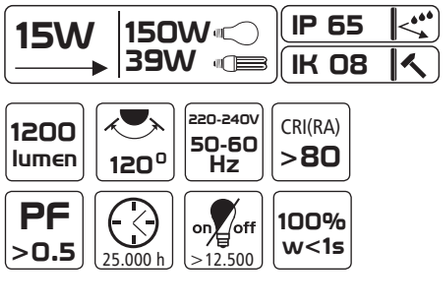
3000 K warm light

<80% Energy Save

Power	15W
Lumen	1200
Voltage	220 - 240 V
CRI	>80
Lighting angle	120°
Temperature	3000 K
Lifetime	25 000 H
ON/OFF	> 12 500
Lamp size	ø167 x 62 mm

HBL1501



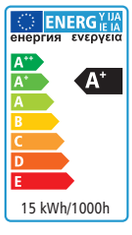


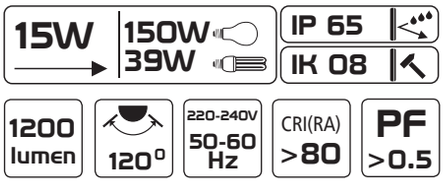
3000 K warm light

<80% Energy Save

Power	15W
Lumen	1200
Voltage	220 - 240 V
CRI	>80
Lighting angle	120°
Temperature	3000 K
Lifetime	25 000 H
ON/OFF	> 12 500
Lamp size	220x120x65mm

HBL1502





2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

CE EuP compliant RoHS COMPLIANT

Outdoor LED Wall lamp

3000 K warm light

<80% Energy Save

Power	20W
Lumen	1600
Voltage	180-260V
CRI	>80
Lighting angle	120°
Temperature	3000 K
Lifetime	15 000 H
ON/OFF	> 7 500
Lamp size	296x146x76 mm

HBL020S

20W | 200W / 52W | IP 65 | IK 08

1600 lumen | 120° | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7.500 | 100% <1s

PIR Sensor

ENERGY ЕНЕРГИЯ ΕΝΕΡΓΕΙΑ
A++ A+ A B C D E
A+
20 kWh/1000h

Zawiera zestaw liter i cyfr.
Contains set of letters and numbers.

3000 K warm light

<80% Energy Save

Power	20W
Lumen	1600
Voltage	180-260V
CRI	>80
Lighting angle	120°
Temperature	3000 K
Lifetime	15 000 H
ON/OFF	> 7 500
Lamp size	296x146x76 mm

HBL020

20W | 200W / 52W | IP 65 | IK 08

1600 lumen | 120° | 180-260V 50-60 Hz | CRI(RA) >80 | PF >0.5 | 15.000 h | on/off >7.500 | 100% <1s

ENERGY ЕНЕРГИЯ ΕΝΕΡΓΕΙΑ
A++ A+ A B C D E
A+
20 kWh/1000h

CE EuP compliant RoHS COMPLIANT

*CRI (RA) >80

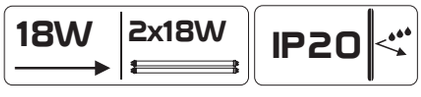
* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

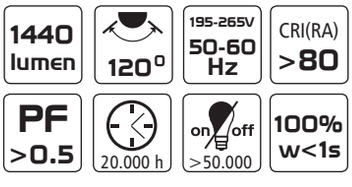
LED Ceiling lamp

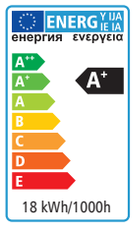
4500 K natural light cold light 6500 K

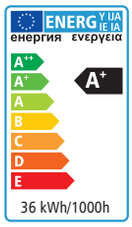
<80% Energy Save

Power	18W	18W
Lumen	1440	1440
Voltage	195 - 265 V	195 - 265 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4500 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 50 000	> 50 000
Lamp size	592x75x26mm	592x75x26mm
	Indeks **HDS1802**	Indeks **HDS1803**





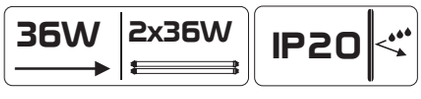


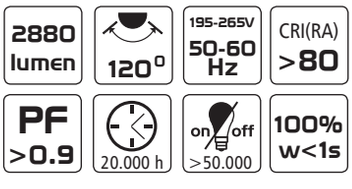


4500 K natural light cold light 6500 K | 4500 K natural light cold light 6500 K

<80% Energy Save

Power	36W	36W	36W	36W
Lumen	2880	2880	2880	2880
Voltage	195 - 265 V	195 - 265 V	195 - 265 V	195 - 265 V
CRI	>80	>80	>80	>80
Lighting angle	120°	120°	120°	120°
Temperature	4500 K	6500 K	4500 K	6500 K
Lifetime	20 000 H	20 000 H	20 000 H	20 000 H
ON/OFF	> 50 000	> 50 000	> 50 000	> 50 000
Lamp size	1192x75x26mm	1192x75x26mm	1192x75x26mm	1192x75x26mm
	HDS3602	**HDS3603**	**HDS3602S**	**HDS3603S**
			PIR Sensor	PIR Sensor



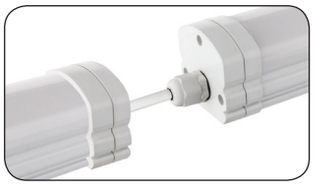


2 years Guarantee

Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

CE EuP compliant RoHS COMPLIANT

LED Waterproof lamp



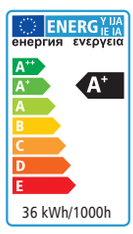
4500 K natural light | cold light 6500 K

<80% Energy Save

Power	36W	36W
Lumen	2880	2880
Voltage	195 - 265 V	195 - 265 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4500 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 50 000	> 50 000
Lamp size	1170x60x55 mm	1170x60x55mm
	Indeks **HDS102**	Indeks **HDS103**

36W | 2x36W | IP 65 | IK 08

2880 lumen | 120° | 195-265V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 20.000 h | on/off >50.000 | 100% w<1s



4000 K natural light | 4000 K natural light

<80% Energy Save

Power	18W	36W
Lumen	1500	3000
Voltage	170 - 265 V	170 - 265 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	4000 K	4000 K
Lifetime	30 000 H	30 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	600x53x29mm	1175x53x29mm
	Indeks **HTP018N**	Indeks **HTP036N**

18W | 2x18W | IP 65 | IK 08 | 1500 lumen

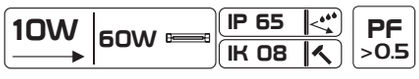
36W | 2x36W | IP 65 | IK 08 | 3000 lumen

120° | 170-265V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 30.000 h | on/off >15.000 | 100% w<1s

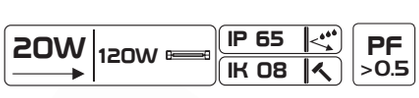
*CRI (RA) >80

* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

3000 K warm light cold light 6500 K



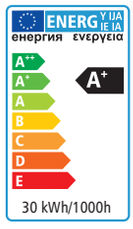
Power	10W	10W
Lumen	750	750
Voltage	220 - 240 V	220 - 240 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	3000 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	110x90x25 mm	110x90x25 mm
	Indeks **HFL010W**	Indeks **HFL010C**



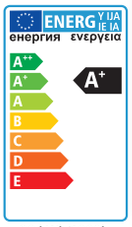
Power	20W	20W
Lumen	1500	1500
Voltage	220 - 240 V	220 - 240 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	3000 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	139x119x25mm	139x119x25mm
	Indeks **HFL020W**	Indeks **HFL020C**

Power	20W	20W
Lumen	1500	1500
Voltage	220 - 240 V	220 - 240 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	3000 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	164x110x28mm	164x110x28mm
	Indeks **HFL020WS**	Indeks **HFL020CS**

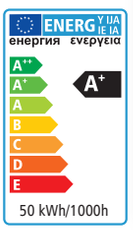
3000 K warm light cold light 6500 K



Power	30W	30W
Lumen	2250	2250
Voltage	220 - 240 V	220 - 240 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	3000 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	140x120x28mm	140x120x28mm
	Indeks **HFL030W**	Indeks **HFL030C**



Power	30W	30W
Lumen	2250	2250
Voltage	220 - 240 V	220 - 240 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	3000 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	194x140x28mm	194x140x28mm
	Indeks **HFL030WS**	Indeks **HFL030CS**



Power	50W	50W
Lumen	3750	3750
Voltage	220 - 240 V	220 - 240 V
CRI	>80	>80
Lighting angle	120°	120°
Temperature	3000 K	6500 K
Lifetime	20 000 H	20 000 H
ON/OFF	> 15 000	> 15 000
Lamp size	171x152x31mm	171x152x31mm
	Indeks **HFL050W**	Indeks **HFL050C**

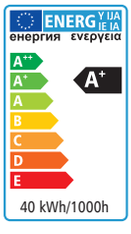
heda®

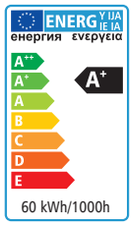
Street lamp

For streets, parks, parkings

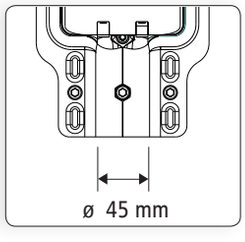
<50% Energy Save

Power	40W	60W
Lumen	4000	6000
Voltage	100 - 260 V	100 - 260 V
CRI	>80	>80
Lighting angle	140*70°	140*70°
Temperature	6500 K	6500 K
Lifetime	25 000 H	25 000 H
ON/OFF	> 12 500	> 12 500
Lamp size	380x156x81mm	380x156x81mm
	Indeks **HSL040**	Indeks **HSL060**

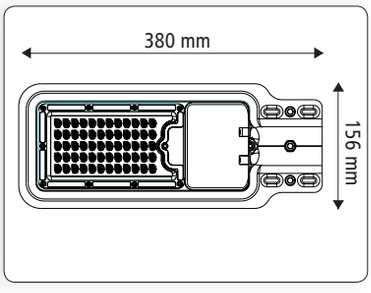




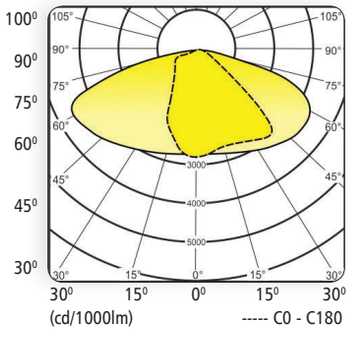
40W	IP 65	4000 lumen	140°	100-260V 50-60 Hz	CRI(RA) >80	PF >0.9	25.000 h	on/off >12.500	100% w<1s
60W	IP 65	6000 lumen	140°	100-260V 50-60 Hz	CRI(RA) >80	PF >0.9	25.000 h	on/off >12.500	100% w<1s



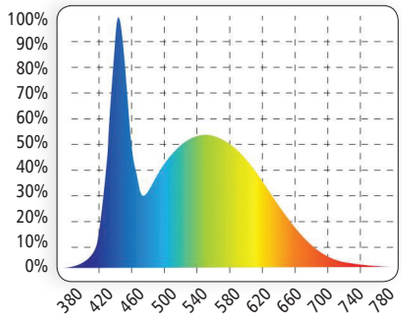
Technical drawing



Photometric solid



Spectrum 6500K



2 years Guarantee

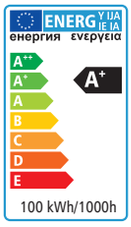
Power – Moc / Base – Trzonek / Lumen – Strumień świetlny / Temperature – Temperatura barwowa / Voltage – Napięcie / Lighting angle – Kąt rozsyłu / Lifetime - Trwałość / Lamp size – Wymiary lampy

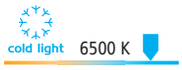
CE EuP compliant RoHS COMPLIANT

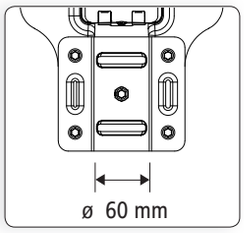
<50% Energy Save

Power	100W
Lumen	10 000
Voltage	100 - 260 V
CRI	>80
Lighting angle	140*70°
Temperature	6500 K
Lifetime	25 000 H
ON/OFF	> 12 500
Lamp size	570x240x87mm

Indeks **HSL100**

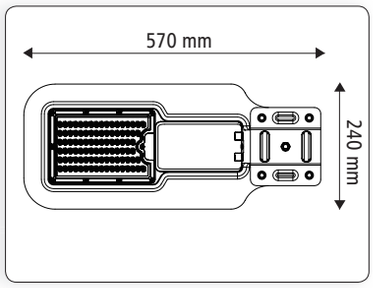




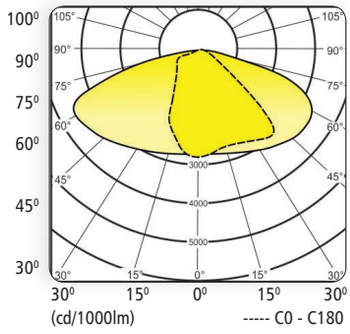


100W | IP 65 | 10000 lumen | 140° | 100-260V 50-60 Hz | CRI(RA) >80 | PF >0.9 | 25.000 h | on/off >12.500 | 100% w<1s

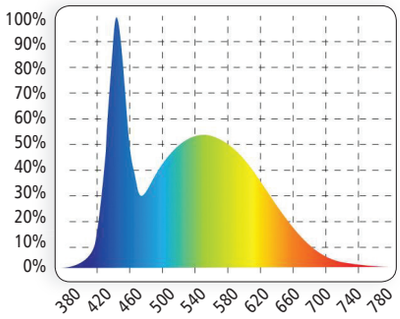
Technical drawing



Photometric solid



Spectrum 6500K



CE EuP compliant ROHS COMPLIANT

*CRI (RA) >80

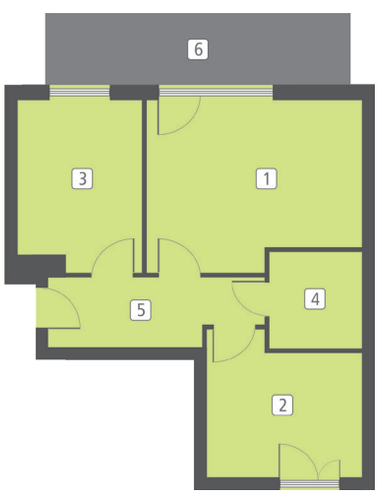
* współczynnik oddawania barw (ang. color rendering index). Zgodnie z dyrektywami Unii Europejskiej na jej terenie nie można używać źródeł światła o CRI mniejszym niż 80 w pomieszczeniach gdzie dłużej przebywa człowiek. Zbyt niskie CRI powoduje szybsze zmęczenie wzroku i ma negatywny wpływ na zdrowie.

LED Bulbs are pure profit

Źródła LED to czysty zysk

Return of investment after 3 months.
Saves at least 85% energy.
Several dozens times longer lifetime.

Koszt zakupu zwraca się po około 3 miesiącach.
Zużycie energii na oświetlenie zmniejsza się o około 85%.
Pracują kilkadziesiąt razy dłużej niż zwykła żarówka.



Example: Savings calculation for standard flat after replacing incandescent bulbs with LED bulbs.
Przykład: wyliczenie oszczędności dla standardowego mieszkania po zastosowaniu źródeł LED zamiast tradycyjnych żarówek.

1 Living room / Salon
2 Bedroom / Sypialnia
3 Kitchen / Kuchnia
4 Bathroom / Łazienka
5 Corridor / Hol
6 Balcony / Balkon

Lifetime of standard bulb: 1000h
Lifetime of LED bulb: 25 000h
Return of investment in the LED: 3 months.

Trwałość źródła żarowego: 1000h
Trwałość źródła LED: 25 000h
Czas zwrotu inwestycji związanej z wymianą źródeł tradycyjnych na LED: 3 miesiące.

LED light sources features 25 times longer lifetime compared with standard incandescent bulbs.
Długość życia źródła LED jest około 30 razy dłuższa niż źródła żarowego.

	Standard incadescent bulbs Standardowe źródło żarowe				Average turn-on time (h/day) Średnie zużycie energii (h/dobę)		LED Bulbs Źródła LED			
	100W E27	75W E27	60W E27	40W E14			15W E27	12W E27	10W E27	6W E14
Living room / Salon				6	8					6
Bedroom / Sypialnia			3	2	5				3	2
Kitchen / Kuchnia	1			5	7		1			5
Bathroom / Łazienka			2	2	4				2	2
Corridor / Hol		1		5	7			1		5
Balcony / Balkon				1	2					1
Bulbs quantity / Ilość źródeł	1	1	5	21	Power summary (W) / Suma mocy (W)		1	1	5	21
Power consumption / Pobór mocy	100	75	300	840	1350	200	15	12	50	126

Present energy consumption per year Future energy consumption	Obecne roczne zużycie energii: Przyszłe zużycie energii w roku: **2640 kWh** **402**
Saved energy	Oszczędność na zużyciu energii: **2238 kWh**

85% Energy save !

85% Procentowy zysk na oszczędności energii !

Tabela porównawcza źródeł światła

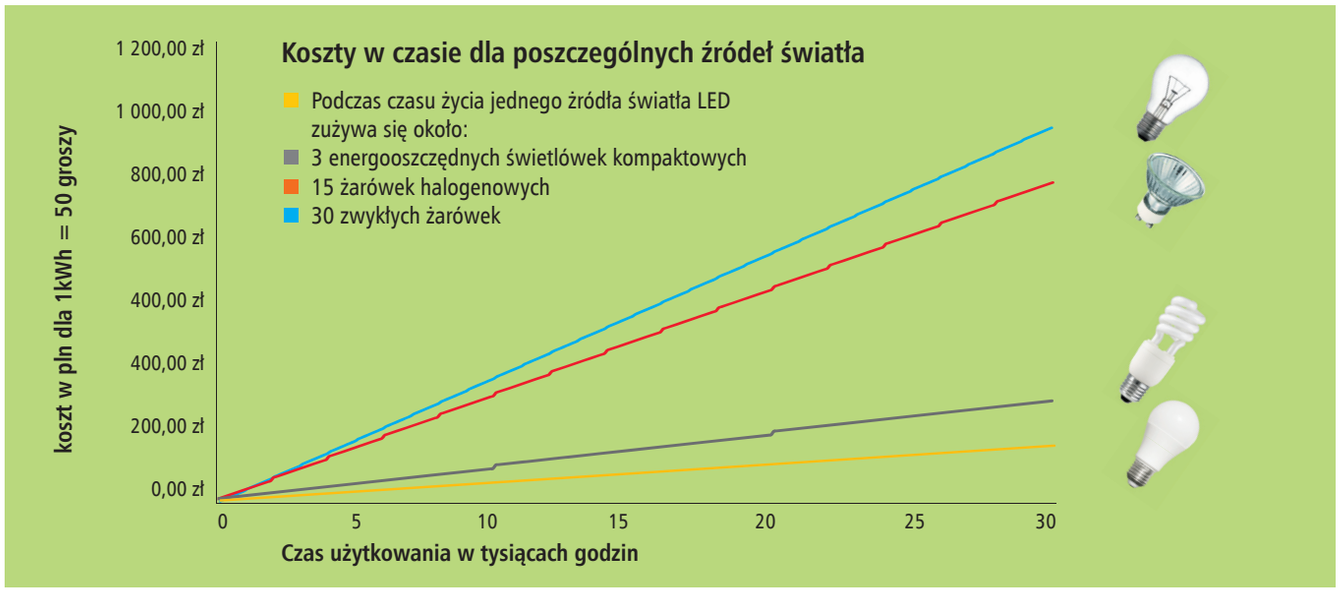
Żarówka tradycyjna

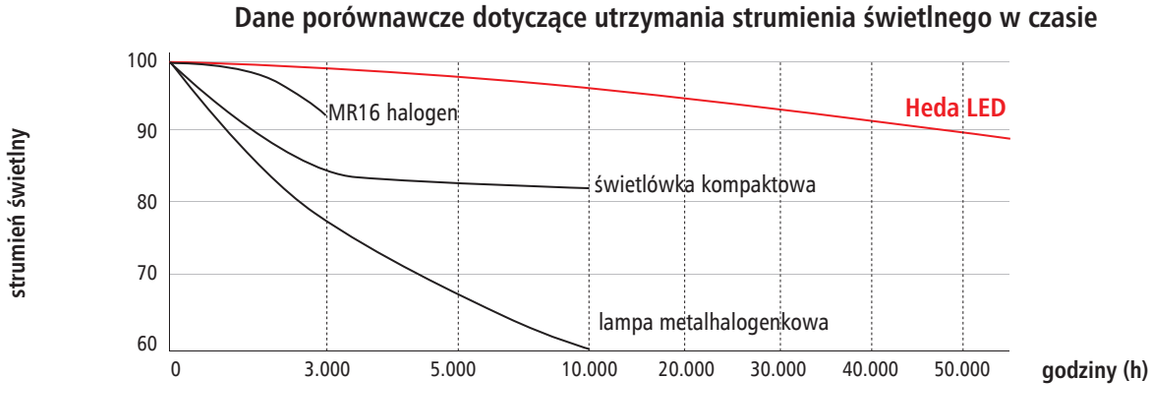
Żarówka halogenowa

Świetlówka kompaktowa

Źródło światła LED np. HEDA HD101

Pobór mocy	60W	50W -> 60W	14W -> 60W	**10W -> 60W**
Strumień świetlny	800lm	800lm	800lm	**806lm**
Redukcja zużycia energii	0%	17%	77%	**85%**
Trwałość	1 000h	2 000h	10 000h	**25 000h**
Zawiera rtęć	nie	nie	tak	**nie**
Odporność na wstrząsy	bardzo niska	niska	niska	**wysoka**
Redukcja kosztów użytkowania	brak	mała	duża	**bardzo duża**





BestService Sp. z o.o.
ul. Łopuszańska 95, 02-457 Warszawa, Poland

Bestservice Hellas IKE
Ταβουλάρη 11 Αθήνα τκ 11141, Athens, Greece

BestService China
Address: No.669 Songjiang Dong Road, Yinzhou District, Ningbo City, China

---

www.hedalighting.eu