

T H E B E A M H U B

CATALOGUE

by

IGNOVA

SYSTEMS INTEGRATION

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Indoor Lighting

**DOWN
LIGHT**

IGNOVA

DOWN LIGHT

SURFACE MOUNTED

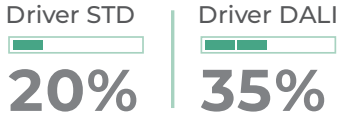


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
7W: 32W
DALI Dim. 1% - 100%
Efficacy: 100-115 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	800lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7 W	800lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 14W Class

Glühder	LED	14 W	1400 lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1400 lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1600 lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14 W	1600 lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 22/32W Class

Glühder	LED	22 W	2200 lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	32 W	3200 lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2600 lm	118lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	32 W	3600 lm	112lm/W	4000K	80	DALI	1% - 100%	25% - 35%

Artificial Intelligence Enabled

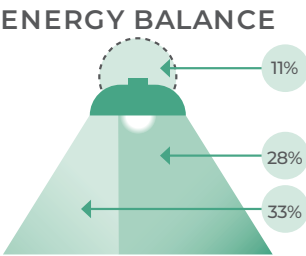
Integration Enabled

Certified EU Standards

SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



DOWN LIGHT

CEILING RECESSED

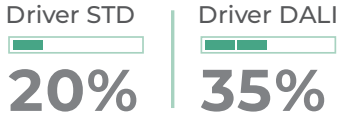


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
5W: 10W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 5W Class

Glühder	LED	5 W	500lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	5 W	500lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	5 W	600lm	120lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	5 W	600lm	120lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	800lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7 W	800lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1100lm	110lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	10 W	1100lm	110lm/W	4000K	80	DALI	1% - 100%	25% - 35%

Artificial Intelligence Enabled

Integration Enabled

Certified EU Standards

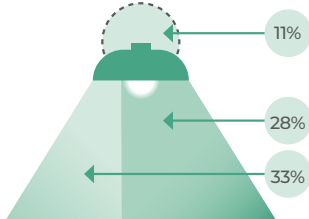
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



ENERGY BALANCE



DOWN LIGHT

CEILING RECESSED

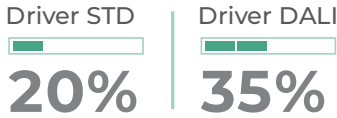


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
15W: 30W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	15 W	1600lm	106lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	15 W	1600lm	106lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 22W Class

Glühder	LED	22 W	2200lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2400lm	109lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	22 W	2400lm	109lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 30W Class

Glühder	LED	30 W	3000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3150lm	105lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	30 W	3150lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

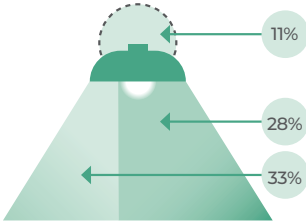
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



DOWN LIGHT

CEILING RECESSED



GENERAL

Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic

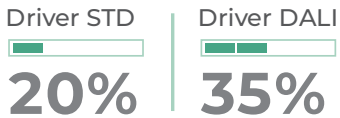
ELECTRICAL

7W: 20W
DALI Dim. 1% - 100%
Efficacy: 100-105 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

Precision Lighting 7W Class

Glühder	LED	7*2 W	1400lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7*2 W	1400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7*2 W	1500lm	107lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7*2 W	1500lm	107lm/W	4000K	80	DALI	1% - 100%	25% - 35%

Mid-Power Efficiency 14W Class

Glühder	LED	14*2 W	2800lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14*2 W	2800lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14*2 W	2900lm	103lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14*2 W	2900lm	103lm/W	4000K	80	DALI	1% - 100%	25% - 35%

High Output 20W Class

Glühder	LED	20*2 W	4000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	20*2 W	4000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	20*2 W	4200lm	105lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	20*2 W	4200lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI Artificial Intelligence Enabled

Integration Enabled

CE Certified EU Standards

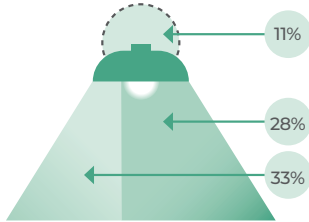
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



DOWN LIGHT

SURFACE MOUNTED

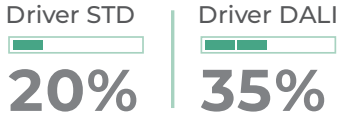


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
7W: 20W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

› Precision Lighting 7W Class

Glühder	LED	7*2 W	1400lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7*2 W	1400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7*2 W	1500lm	107lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7*2 W	1500lm	107lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 14W Class

Glühder	LED	14*2 W	2800lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14*2 W	2800lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14*2 W	2900lm	103lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14*2 W	2900lm	103lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› High Output 20W Class

Glühder	LED	20*2 W	4000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	20*2 W	4000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	20*2 W	4200lm	105lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	20*2 W	4200lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%

Artificial Intelligence Enabled

Integration Enabled

Certified EU Standards

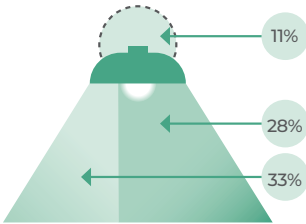
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



DOWN LIGHT

SURFACE MOUNTED

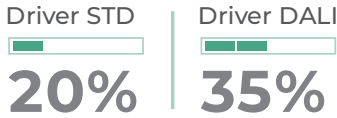


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
7W: 14W
DALI Dim. 1% - 100%
Efficacy: 100-115 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	800lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7 W	800lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1100lm	110lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	10 W	1100lm	110lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 14W Class

Glühder	LED	14 W	1400lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1500lm	107lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14 W	1500lm	107lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

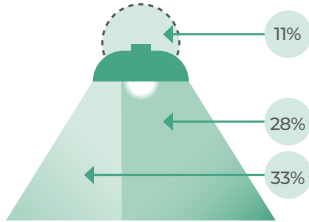
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



Indoor Lighting
**SPOT
LIGHTS**

IGNOVA

SPOT LIGHT

CEILING RECESSED

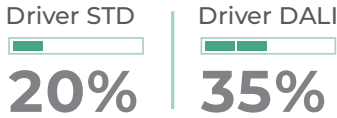


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
14W: 30W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

› Precision Lighting 14W Class

Glühder	LED	14 W	1400lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1500lm	107lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14 W	1500lm	107lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 22W Class

Glühder	LED	22 W	2200lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2300lm	104lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	22 W	2300lm	104lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› High Output 30W Class

Glühder	LED	30 W	3000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3100lm	103lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	30 W	3100lm	103lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

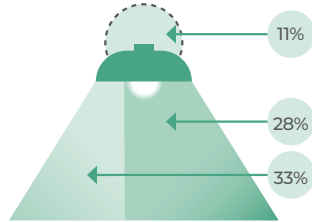
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



SPOT LIGHT

TRACK MOUNTED



GENERAL	
Material: Die Cast Aluminum	
Reflector: PC	
Coating: Electrostatic	
ELECTRICAL	
14W: 30W	
DALI Dim. 1% - 100%	
Efficacy: 100-110 lm/w	
PF: 0.95	
Energy Class: A	

Use it in:



Estimated Power Saving

Driver STD	Driver DALI
20%	35%

5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 14W Class

Glühder	LED	14 W	1400lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1500lm	107lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14 W	1500lm	107lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 22W Class

Glühder	LED	22 W	2200lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2300lm	104lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	22 W	2300lm	104lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 30W Class

Glühder	LED	30 W	3000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3100lm	103lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	30 W	3100lm	103lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

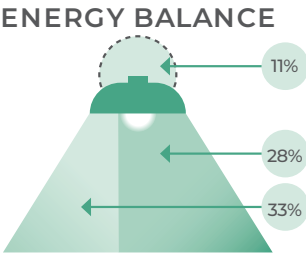
SOFTWARE

Driver DALI

Driver STD

BMS. KNX

BMS. PIR Sensor



SPOT LIGHT

SURFACE MOUNTED



GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
5W: 10W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving

Driver STD



20%

Driver DALI



35%

5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 5W Class

Glühder	LED	5 W	500lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	5 W	500lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	5 W	600lm	120lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	5 W	600lm	120lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	7200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	800lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7 W	800lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1100lm	110lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	10 W	1100lm	110lm/W	4000K	80	DALI	1% - 100%	25% - 35%

Artificial Intelligence Enabled

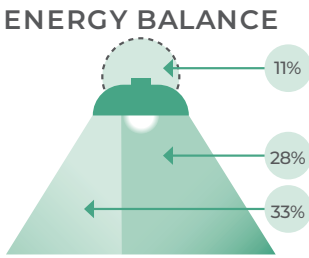
Integration Enabled

Certified EU Standards

SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor





Indoor Lighting
**UP &
DOWN
LIGHT**

IGNOVA



UP&DOWN LIGHT

WALL MOUNTED CYLINDER

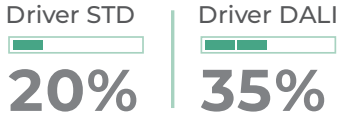


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
7W: 10W
DALI Dim. 1% - 100%
Efficacy: 100-115 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
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› Precision Lighting 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	800lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7W	800lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 7W Class

Glühder	Lamp	7 W	650lm	92lm/W	3000K	80	DOB	ON - OFF	5% - 10%
Glühder	Lamp	7 W	650lm	92lm/W	4000K	80	DOB	ON - OFF	5% - 10%
Glühder	Lamp	7 W	700lm	100lm/W	3000K	80	DOB	ON - OFF	5% - 10%
Glühder	Lamp	7 W	700lm	100lm/W	4000K	80	DOB	ON - OFF	5% - 10%

› High Output 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1100lm	110lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	10 W	1100lm	110lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

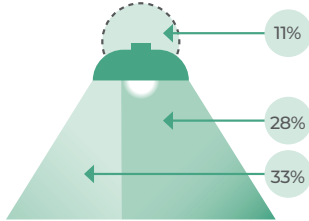
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



UP&DOWN LIGHT

WALL MOUNTED SQUARE

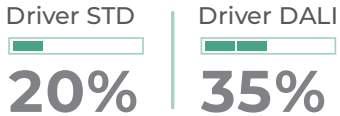


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
7W: 10W
DALI Dim. 1% - 100%
Efficacy: 100-115 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	7 W	800lm	114lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	7W	800lm	114lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 7W Class

Glühder	Lamp	7 W	650lm	92lm/W	3000K	80	DOB	ON - OFF	5% - 10%
Glühder	Lamp	7 W	650lm	92lm/W	4000K	80	DOB	ON - OFF	5% - 10%
Glühder	Lamp	7 W	700lm	100lm/W	3000K	80	DOB	ON - OFF	5% - 10%
Glühder	Lamp	7 W	700lm	100lm/W	4000K	80	DOB	ON - OFF	5% - 10%

> High Output 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	10 W	1100lm	110lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	10 W	1100lm	110lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

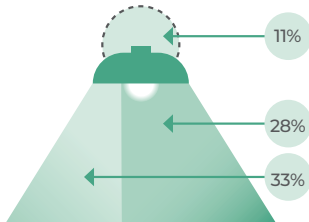
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor

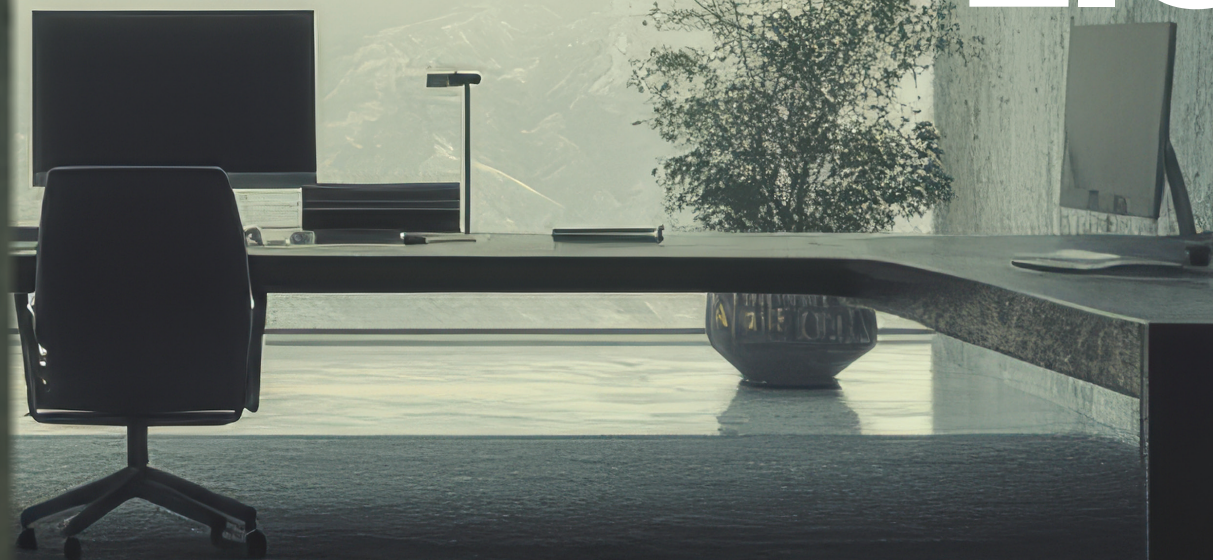


ENERGY BALANCE





Indoor Lighting **LINEAR LIGHT**



IGNOVA

LINEAR LIGHT

TRACK MOUNTED



GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
14W: 30W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving

Driver STD	Driver DALI
20%	35%

5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 14W Class

Glühder	LED	14 W	1400lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	14 W	1500lm	107lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	14 W	1500lm	107lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 22W Class

Glühder	LED	22 W	2200lm	92lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2200lm	92lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	22 W	2300lm	104lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	22 W	2300lm	104lm/W	4000K	80	DALI	1% - 100%	25% - 35%

> High Output 10W Class

Glühder	LED	30 W	3000lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	30 W	3100lm	103lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	30 W	3100lm	103lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI Artificial Intelligence Enabled

Integration Enabled

CE Certified EU Standards

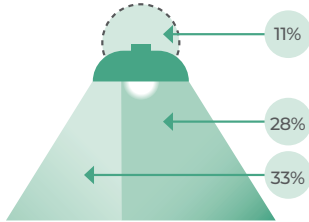
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



LINEAR LIGHT

TRACK MOUNTED

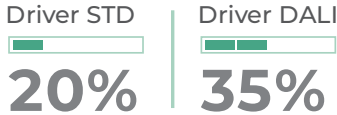


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
3W: 12W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

› Precision Lighting 3W Class

Glühder	LED	3*1 W	300lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	3*1 W	300lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	3*1 W	340lm	113lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	3*1 W	340lm	113lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 6W Class

Glühder	LED	6*1 W	600lm	92lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	6*1 W	600lm	92lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	6*1 W	700lm	116lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	6*1 W	700lm	116lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› High Output 12W Class

Glühder	LED	12*1 W	1200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	12*1 W	1200lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	12*1 W	1300lm	108lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	12*1 W	1300lm	108lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

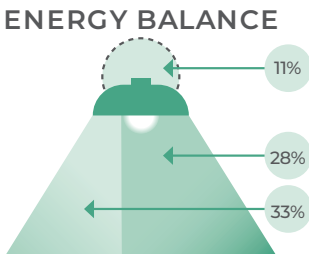
SOFTWARE

Driver DALI

Driver STD

BMS. KNX

BMS. PIR Sensor



LINEAR LIGHT

SUSPENDED FIXTURE

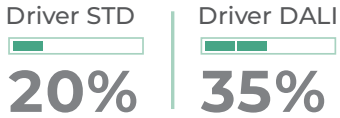


GENERAL
Material: Die Cast Aluminum
Reflector: PC
Coating: Electrostatic
ELECTRICAL
36W: 44W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 36W Class

Glühder	LED	36 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	4200lm	116lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36 W	4200lm	116lm/W	6000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 40W Class

Glühder	LED	40 W	4000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	40 W	4000lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	40 W	4500lm	112lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	40 W	4500lm	112lm/W	6000K	80	DALI	1% - 100%	25% - 35%

> High Output 44W Class

Glühder	LED	44 W	4400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4400lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4800lm	109lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	44 W	4800lm	109lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

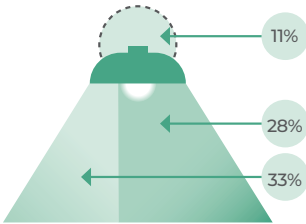
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



LINEAR LIGHT

WALL WASHER

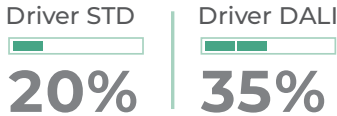


GENERAL
Material: Die Cast Aluminum
Reflector: PMMA
Coating: Electrostatic
ELECTRICAL
12W: 36W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

› Precision Lighting 12W Class

Glühder	LED	12 W	1200lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	12 W	1200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	12 W	1300lm	108lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	12 W	1300lm	108lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 18W Class

Glühder	LED	18 W	1800lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	18 W	1800lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	18 W	1900lm	105lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	18 W	1900lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%

› High Output 36W Class

Glühder	LED	36 W	3600lm	100lm/W	3000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3800lm	105lm/W	3000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36 W	3800lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

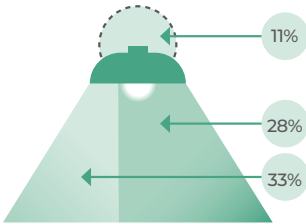
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



Indoor Lighting
**LED
FIXTURE**

IGNOVA

LED FIXTURE

SURFACE MOUNTED

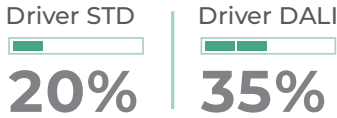


GENERAL
Material: PC
Reflector: PMMA
Coating: UP
ELECTRICAL
18W: 36W
DALI Dim. 1% - 100%
Efficacy: 100-140 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

Precision Lighting 18W Class

Glühder	LED	18 W	1800lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	18 W	1800lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	18 W	2400lm	133lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	18 W	2400lm	133lm/W	6000K	80	DALI	1% - 100%	25% - 35%

Mid-Power Efficiency 18W Class

Glühder	LED	18 W	1800lm	100lm/W	4000K	80	DOB	ON - OFF	5% - 10%
Glühder	LED	18 W	1800lm	100lm/W	6000K	80	DOB	ON - OFF	5% - 10%
Glühder	LED	18 W	1900lm	105lm/W	4000K	80	DOB	ON - OFF	5% - 10%
Glühder	LED	18 W	1900lm	105lm/W	6000K	80	DOB	ON - OFF	5% - 10%

High Output 36W Class

Glühder	LED	36 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3800lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36 W	3800lm	105lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI Artificial Intelligence Enabled

Integration Enabled

CE Certified EU Standards

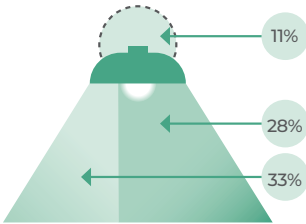
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



LED FIXTURE

SURFACE MOUNTED



GENERAL
Material: PC
Reflector: PMMA
Coating: UP
ELECTRICAL
36W: 44W
DALI Dim. 1% - 100%
Efficacy: 100 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving

Driver STD



20%

Driver DALI



35%

5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

> Precision Lighting 36W Class

Glühder	LED	36 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	4500lm	125lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36 W	4500lm	125lm/W	6000K	80	DALI	1% - 100%	25% - 35%

> Mid-Power Efficiency 36W Class

Glühder	LED	36 W	3600lm	100lm/W	4000K	80	DOB	ON - OFF	5% - 10%
Glühder	LED	36 W	3600lm	100lm/W	6000K	80	DOB	ON - OFF	5% - 10%
Glühder	LED	36 W	3800lm	105lm/W	4000K	80	DOB	ON - OFF	5% - 10%
Glühder	LED	36 W	3800lm	105lm/W	6000K	80	DOB	ON - OFF	5% - 10%

> High Output 44W Class

Glühder	LED	44 W	4400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4400lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	5500lm	125lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	44 W	5500lm	125lm/W	6000K	80	DALI	1% - 100%	25% - 35%

Artificial Intelligence Enabled

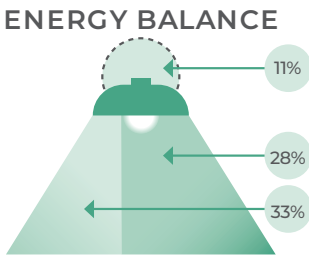
Integration Enabled

Certified EU Standards

SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



LED FIXTURE

SURFACE MOUNTED

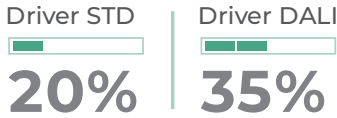


GENERAL
Material: PC
Reflector: PMMA
Coating: UP
ELECTRICAL
36W: 60W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

› Precision Lighting 36W Class

Glühder	LED	36 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3900lm	108lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36 W	3900lm	108lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 44W Class

Glühder	LED	44 W	4400lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4400lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4800lm	109lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	44 W	4800lm	109lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› High Output 60W Class

Glühder	LED	60 W	6000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	60 W	6000lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	60 W	6300lm	105lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	60 W	6300lm	105lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

SOFTWARE

Driver DALI

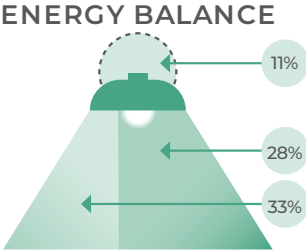
Driver STD

BMS. KNX

BMS, PIR Sensor

120°

IK08



ON-OFF

IP65

IP67

LED

RoHS

CLASS III

GROUND

Indoor Lighting
**BACK
LIGHTS**

SHUTTING DOWN_

IGNOVA

BACK LIGHT

CEILING MOUNTING



GENERAL

Material: Aluminum sheet
(Tensile strength)
Diffuser: PC, PS
Coating: Alimentation coating
paper

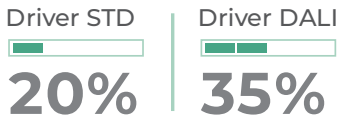
ELECTRICAL

36W: 44W
DALI Dim. 1% - 100%
Efficacy: 100-140 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
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› Precision Lighting 36W Class

Glühder	LED	36 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36 W	4500lm	125lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36 W	4500lm	125lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 42W Class

Glühder	LED	42 W	4200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42 W	4200lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42 W	5400lm	128lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	42 W	5400lm	128lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› High Output 44W Class

Glühder	LED	44 W	4600lm	104lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4600lm	104lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	6100lm	138lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	44 W	6100lm	138lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI Artificial Intelligence Enabled

Integration Enabled

CE Certified EU Standards

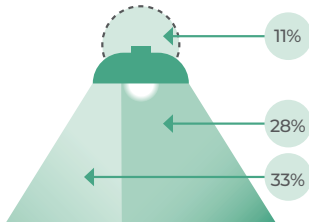
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



BACK LIGHT

CEILING MOUNTING

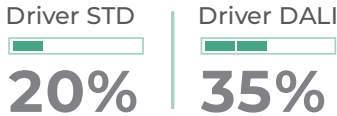


GENERAL
Material: Aluminum sheet (Tensile strength)
Diffuser: PC, PS
Coating: Alimentation coating paper
ELECTRICAL
36W: 44W
DALI Dim. 1% - 100%
Efficacy: 100-140 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
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› Precision Lighting 40W Class

Glühder	LED	40 W	4000lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	40 W	4000lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	40 W	4600lm	115lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	40 W	4600lm	115lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 42W Class

Glühder	LED	42 W	4200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42 W	4200lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42 W	5500lm	130lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	42 W	5500lm	130lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› High Output 44W Class

Glühder	LED	44 W	4600lm	104lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	4600lm	104lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44 W	5900lm	134lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	44 W	5900lm	134lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI

Artificial Intelligence Enabled

Integration Enabled

CE

Certified EU Standards

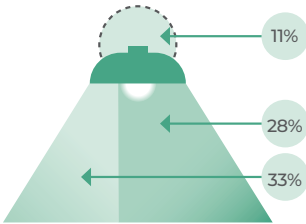
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



BACK LIGHT

CEILING MOUNTING



GENERAL

Material: Aluminum sheet
(Tensile strength)
Diffuser: PC, PS
Coating: Alimentation coating
paper

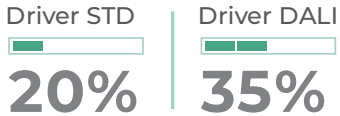
ELECTRICAL

36W: 44W
DALI Dim. 1% - 100%
Efficacy: 100-140 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	---------	------------------

› Precision Lighting 36W Class

Glühder	LED	36*2 W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36*2 W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36*2 W	4500lm	125lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36*2 W	4500lm	125lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› Mid-Power Efficiency 42W Class

Glühder	LED	42*2 W	4200lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42*2 W	4200lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42*2 W	5400lm	128lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	42*2 W	5400lm	128lm/W	6000K	80	DALI	1% - 100%	25% - 35%

› High Output 44W Class

Glühder	LED	44*2 W	4600lm	109lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44*2 W	4600lm	109lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	44*2 W	6100lm	138lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	44*2 W	6100lm	138lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI Artificial Intelligence Enabled

Integration Enabled

CE Certified EU Standards

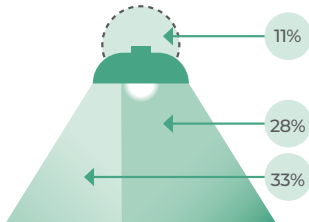
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



BACK LIGHT

ANTIMIEROBIAL CEILING MOUNTING

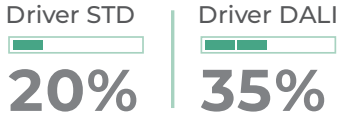


GENERAL
Material: Galvanized Steel
Diffuser: PC, PS
Coating: Electrostatic
ELECTRICAL
36W: 42W
DALI Dim. 1% - 100%
Efficacy: 100-145 lm/w
PF: 0.95
Energy Class: A

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	CONTROL	ESTIMATED SAVING
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Precision Lighting 36W Class

Glühder	LED	36W	3600lm	100lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36W	3600lm	100lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	36W	4500lm	125lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	36W	4500lm	125lm/W	6000K	80	DALI	1% - 100%	25% - 35%

Mid-Power Efficiency 40W Class

Glühder	LED	40W	4200lm	105lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	40W	4200lm	105lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	40W	5400lm	135lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	40W	5400lm	135lm/W	6000K	80	DALI	1% - 100%	25% - 35%

High Output 42W Class

Glühder	LED	42W	4600lm	109lm/W	4000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42 W	4600lm	109lm/W	6000K	80	STD	ON - OFF	18% - 22%
Glühder	LED	42 W	6100lm	145lm/W	4000K	80	DALI	1% - 100%	25% - 35%
Glühder	LED	42 W	6100lm	145lm/W	6000K	80	DALI	1% - 100%	25% - 35%

AI Artificial Intelligence Enabled

Integration Enabled

CE Certified EU Standards

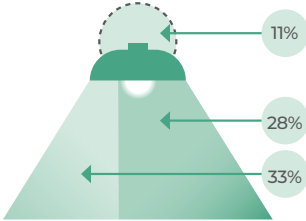
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



Outdoor Lighting
**STREET
LIGHTS**

IGNOVA

STREET LIGHT

POLE – MOUNTED LIGHT



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

100W: 200W
DALI Dim. 1% - 100%
Efficacy: 100-153 lm/w
PF: 0.95
Energy Class: A

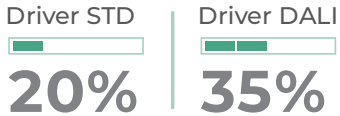
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	-----------	---------	------------------

› Precision Lighting 100W Class

Glühder	LED	100 W	10000lm	100lm/W	4000K	70	STD	IK8	Photocell, PIR Sensor	18% - 22%
Glühder	LED	100 W	10000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	100 W	15000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	100 W	15000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

› Mid-Power Efficiency 150W Class

Glühder	LED	150 W	15000lm	100lm/W	4000K	70	STD	IK8	Photocell, PIR Sensor	18% - 22%
Glühder	LED	150 W	15000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	150 W	23000lm	153lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	150 W	23000lm	153lm/W	6000K	70	DALI	IK10		25% - 35%

› High Output 200W Class

Glühder	LED	200 W	20000lm	100lm/W	4000K	70	STD	IK8	Photocell, PIR Sensor	18% - 22%
Glühder	LED	200 W	20000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	200 W	30000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	200 W	30000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%



Artificial Intelligence Enabled

Integration Enabled



Certified EU Standards

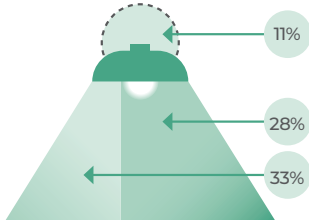
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



ENERGY BALANCE



STREET LIGHT

POLE – MOUNTED LIGHT

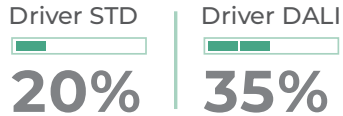


GENERAL
Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic
ELECTRICAL
50W: 150W
DALI Dim. 1% - 100%
Efficacy: 100-153 lm/w
PF: 0.95
Energy Class: A
Protection
OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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> Precision Lighting 50W Class

Glühder	LED	50 W	5000lm	100lm/W	4000K	70	STD	IK8	Photocell, PIR Sensor	18% - 22%
Glühder	LED	50 W	5000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	50 W	7500lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	50 W	7500lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

> Mid-Power Efficiency 100W Class

Glühder	LED	100 W	10000lm	100lm/W	4000K	70	STD	IK8	Photocell, PIR Sensor	18% - 22%
Glühder	LED	100 W	10000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	100 W	15000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	100 W	15000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

> High Output 150W Class

Glühder	LED	150 W	15000lm	100lm/W	4000K	70	STD	IK8	Photocell, PIR Sensor	18% - 22%
Glühder	LED	150 W	15000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	150 W	23000lm	153lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	150 W	23000lm	153lm/W	6000K	70	DALI	IK10		25% - 35%

Artificial Intelligence Enabled

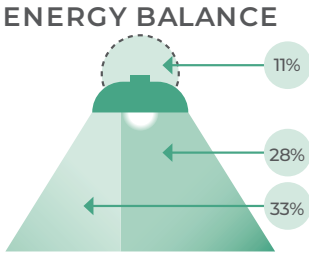
Integration Enabled

Certified EU Standards

SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



Outdoor Lighting
**FLOOD
LIGHTS**

IGNOVA

FLOOD LIGHT

ADJUSTABLE BRACKET MOUNTED



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

50W: 150W
DALI Dim. 1% - 100%
Efficacy: 100-153 lm/w
PF: 0.95
Energy Class: A

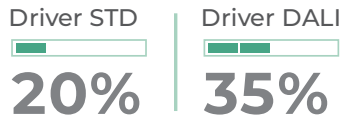
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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> Precision Lighting 50W Class

Glühder	LED	50 W	5000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	50 W	5000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	50 W	7500lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	50 W	7500lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

> Mid-Power Efficiency 100W Class

Glühder	LED	100 W	10000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	100 W	10000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	100 W	15000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	100 W	15000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

> High Output 150W Class

Glühder	LED	150W	15000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	150W	15000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	150 W	23000lm	153lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	150 W	23000lm	153lm/W	6000K	70	DALI	IK10		25% - 35%



Artificial Intelligence Enabled

Integration Enabled



Certified EU Standards

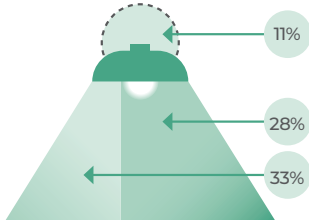
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



ENERGY BALANCE



FLOOD LIGHT MODULAR

ADJUSTABLE BRACKET MOUNTED



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

200W: 300W
DALI Dim. 1% - 100%
Efficacy: 100-153 lm/w
PF: 0.95
Energy Class: A

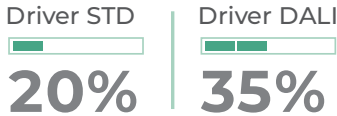
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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Precision Lighting 200W Class

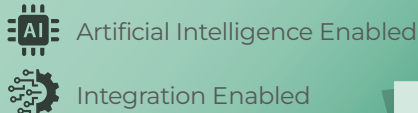
Glühder	LED	200 W	20000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	200 W	20000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	200 W	30000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	200 W	30000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

Mid-Power Efficiency 250W Class

Glühder	LED	250 W	25000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	250 W	25000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	250 W	38000lm	152lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	250 W	38000lm	152lm/W	6000K	70	DALI	IK10		25% - 35%

High Output 300W Class

Glühder	LED	300W	30000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	300W	30000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	300 W	46000lm	153lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	300W	46000lm	153lm/W	6000K	70	DALI	IK10		25% - 35%



Certified EU Standards

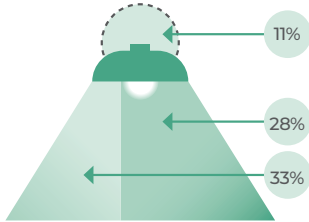
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



Outdoor Lighting
BOLLARD

IGNOVA

BOLLARD

FIXED BOLLARD



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

10W: 20W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

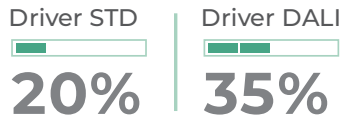
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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> Precision Lighting 10W Class

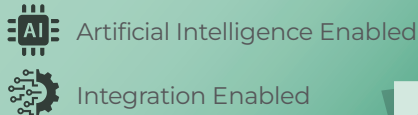
Glühder	LED	10 W	1000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	10 W	1200lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	10 W	1200lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

> Mid-Power Efficiency 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	15 W	1800lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	15 W	1800lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

> High Output 20W Class

Glühder	LED	20 W	2000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	20 W	2000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	20 W	2400lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	20 W	2400lm	120lm/W	4000K	70	DALI	IK10		25% - 35%



Certified EU Standards

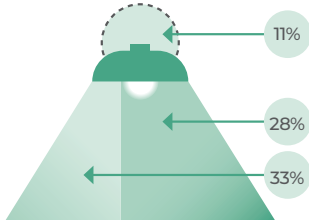
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



ENERGY BALANCE



BOLLARD WOOD

FIXED BOLLARD



GENERAL

Material: Wood
Coating: Epoxy, UV-resistant
Pressure treatment

ELECTRICAL

7W: 15W
DALI Dim. 1% - 100%
Efficacy: 100-110 lm/w
PF: 0.95
Energy Class: A

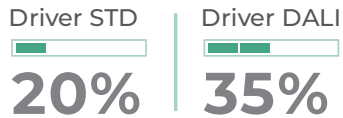
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	Surface Protection	CONTROL	ESTIMATED SAVING
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Precision Lighting 7W Class

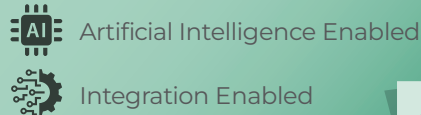
Glühder	LED	7 W	700lm	100lm/W	3000K	70	STD	UV-resistant	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	70	STD			18% - 22%
Glühder	LED	7 W	750lm	107lm/W	3000K	70	DALI	Clear sealant	1% - 100%	25% - 35%
Glühder	LED	7 W	750lm	107lm/W	4000K	70	DALI			25% - 35%

Mid-Power Efficiency 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	70	STD	UV-resistant	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	70	STD			18% - 22%
Glühder	LED	10 W	1100lm	110lm/W	3000K	70	DALI	Clear sealant	1% - 100%	25% - 35%
Glühder	LED	10 W	1100lm	110lm/W	4000K	70	DALI			25% - 35%

High Output 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	70	STD	UV-resistant	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	70	STD			18% - 22%
Glühder	LED	15 W	1650lm	110lm/W	3000K	70	DALI	Clear sealant	1% - 100%	25% - 35%
Glühder	LED	15 W	1650lm	110lm/W	4000K	70	DALI			25% - 35%



Certified EU Standards

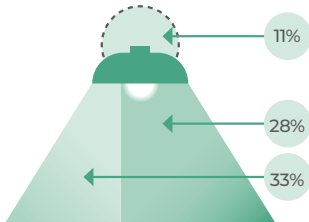
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



Outdoor Lighting
**HIGH BAY
LUMINAIRE**

IGNOVA

HIGH BAY LUMINAIRE

UFO-STYLE LED HIGH BAY



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

100W: 200W
DALI Dim. 1% - 100%
Efficacy: 100-153 lm/w
PF: 0.95
Energy Class: A

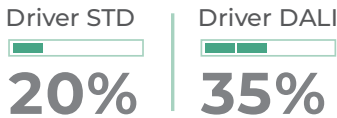
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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Precision Lighting 100W Class

Glühder	LED	100 W	10000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	100 W	10000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	100 W	15000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	100 W	15000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%

Mid-Power Efficiency 150W Class

Glühder	LED	150 W	15000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	150 W	15000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	150 W	23000lm	153lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	150 W	23000lm	153lm/W	6000K	70	DALI	IK10		25% - 35%

High Output 200W Class

Glühder	LED	200 W	20000lm	100lm/W	4000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	200 W	20000lm	100lm/W	6000K	70	STD	IK8		18% - 22%
Glühder	LED	200 W	30000lm	150lm/W	4000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	200 W	30000lm	150lm/W	6000K	70	DALI	IK10		25% - 35%



Artificial Intelligence Enabled



Integration Enabled



Certified EU Standards

SOFTWARE

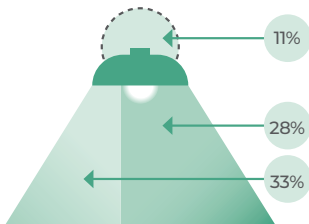
Driver DALI Driver STD

BMS, KNX

BMS, PIR Sensor



ENERGY BALANCE





Outdoor Lighting **UP LIGHT**

IGNOVA

UP LIGHT

GROUND MOUNTED



GENERAL

Material: Die Cast Aluminum
Housing Material: PC
Coating: Electrostatic

ELECTRICAL

7W: 15W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

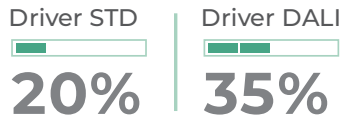
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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> Precision Lighting 7W Class

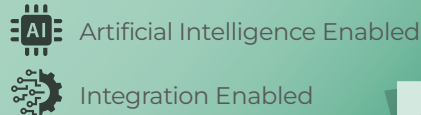
Glühder	LED	7 W	700lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	7 W	840lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	7 W	840lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

> Mid-Power Efficiency 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	10 W	1200lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	10 W	1200lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

> High Output 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	15 W	1800lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	15 W	1800lm	120lm/W	4000K	70	DALI	IK10		25% - 35%



CE Certified EU Standards

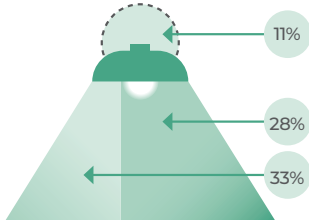
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



ENERGY BALANCE



UP LIGHT HIGH POWER

GROUND MOUNTED



GENERAL

Material: Die Cast Aluminum
Housing Material: PC
Coating: Electrostatic

ELECTRICAL

20W: 30W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

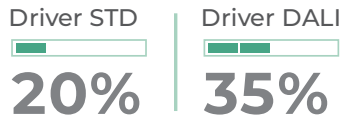
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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Precision Lighting 20W Class

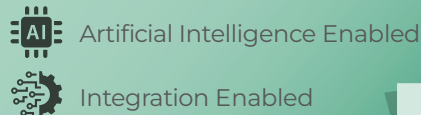
Glühder	LED	20 W	2000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	20 W	2000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	20 W	2400lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	20 W	2400lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

Mid-Power Efficiency 25W Class

Glühder	LED	25 W	2500lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	25 W	2500lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	25 W	3000lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	25 W	3000lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

High Output 30W Class

Glühder	LED	30 W	3000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	30 W	3000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	30 W	3600lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	30 W	3600lm	120lm/W	4000K	70	DALI	IK10		25% - 35%



Certified EU Standards

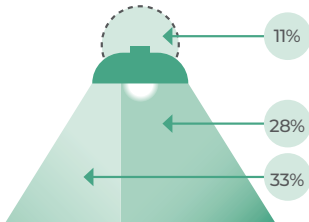
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS. PIR Sensor



ENERGY BALANCE



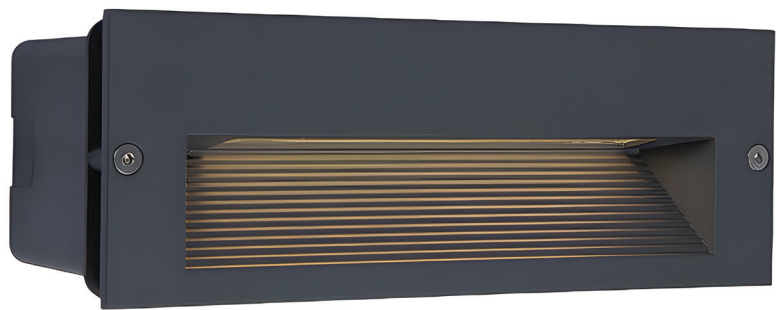
Outdoor Lighting

STEP LIGHT

IGNOVA

STEP LIGHT

WALL MOUNTED



GENERAL

Material: Die Cast Aluminum
Housing Material: PC
Coating: Electrostatic

ELECTRICAL

7W: 15W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

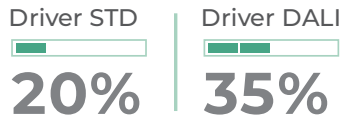
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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> Precision Lighting 7W Class

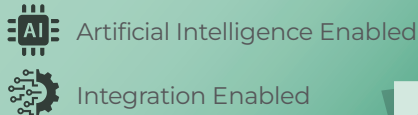
Glühder	LED	7 W	700lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	7 W	840lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	7 W	840lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

> Mid-Power Efficiency 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	10 W	1200lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	10 W	1200lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

> High Output 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	15 W	1800lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	15 W	1800lm	120lm/W	4000K	70	DALI	IK10		25% - 35%



CE Certified EU Standards

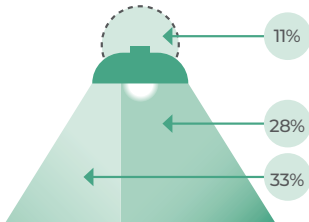
SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE



A modern, two-story house with a dark roof and light-colored walls is shown at dusk. The house has large glass windows and doors, and its interior lights are on, illuminating the interior spaces. The house is surrounded by a well-maintained lawn and some landscaping. In the foreground, there are some bushes and a large, round, white outdoor light fixture. The sky is a mix of orange and blue, indicating the time is either sunset or sunrise. The overall scene is a promotional image for outdoor lighting.

Outdoor Lighting
PROJECTOR

IGNOVA

PROJECTOR

GROUND MOUNTED



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

7W: 15W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

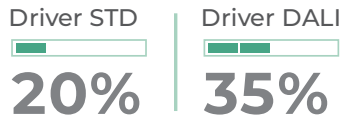
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
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Precision Lighting 7W Class

Glühder	LED	7 W	700lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	7 W	840lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	7 W	840lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

Mid-Power Efficiency 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	10 W	1200lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	10 W	1200lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

High Output 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	15 W	1800lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	15 W	1800lm	120lm/W	4000K	70	DALI	IK10		25% - 35%



Artificial Intelligence Enabled



Integration Enabled



Certified EU Standards

SOFTWARE

Driver DALI Driver STD

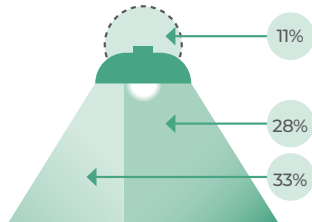
BMS. KNX



BMS. PIR Sensor



ENERGY BALANCE



PROJECTOR HIGH POWER

GROUND MOUNTED



GENERAL

Material: Die Cast Aluminum
Lens: PMMA
Coating: Electrostatic

ELECTRICAL

7W: 15W
DALI Dim. 1% - 100%
Efficacy: 100-120 lm/w
PF: 0.95
Energy Class: A

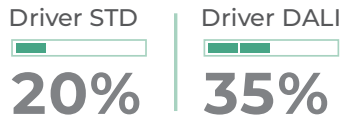
Protection

OVP, OCP, OTP

Use it in:



Estimated Power Saving



5000K-6000K



4000K



3000K



DESCRIPTION	CHIPS	WATT	LUMEN	Efficacy	CCT	CRI	DRIVER	IK Rating	CONTROL	ESTIMATED SAVING
-------------	-------	------	-------	----------	-----	-----	--------	-----------	---------	------------------

Precision Lighting 7W Class

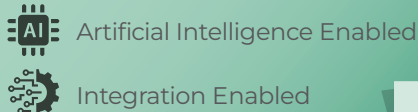
Glühder	LED	7 W	700lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	7 W	700lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	7 W	840lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	7 W	840lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

Mid-Power Efficiency 10W Class

Glühder	LED	10 W	1000lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	10 W	1000lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	10 W	1200lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	10 W	1200lm	120lm/W	4000K	70	DALI	IK10		25% - 35%

High Output 15W Class

Glühder	LED	15 W	1500lm	100lm/W	3000K	70	STD	IK8	ON - OFF	18% - 22%
Glühder	LED	15 W	1500lm	100lm/W	4000K	70	STD	IK8		18% - 22%
Glühder	LED	15 W	1800lm	120lm/W	3000K	70	DALI	IK10	1% - 100%	25% - 35%
Glühder	LED	15 W	1800lm	120lm/W	4000K	70	DALI	IK10		25% - 35%



Certified EU Standards

SOFTWARE

Driver DALI Driver STD

BMS. KNX BMS, PIR Sensor



ENERGY BALANCE

