

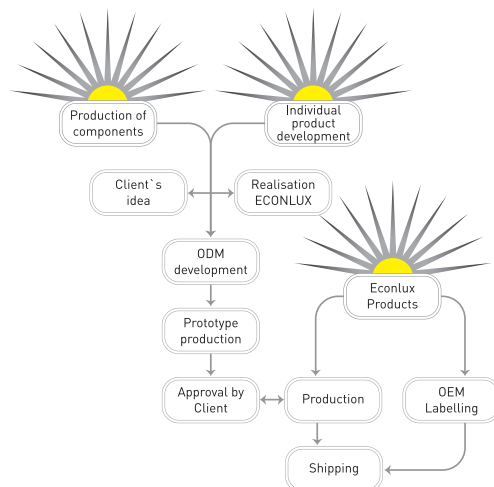
  
**inledco**  
**USA**



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## Ways to light up your dreams



## OrbiLED



**COD technology**  
**360° beam angle**  
**red dot award**



red dot award 2015  
 honourable mention lighting design

The OrbiLED light series is equipped with an innovative LED technology, the COD (Chip On Device). Thanks to this technology, the LED does not need a housing, a plate or a heat sink. The cooling takes place exclusively by convection. Nevertheless, the contours of the LED light bulb comply with industry standards. OrbiLED is particularly light and, thanks to a 360 degree beam angle, achieves a homogenous lighting.

Lifetime: 25.000 h • RA: 80 • PF: 0.5 • Colors: 2700K/3000K/4000K

Item	Watt	Lumen	Lumen/W	Beam	Volt	Dim	Base	Size	Weight
OrbiLED MINI A60 (clear)	5	550	max 110	360°	120	Opt.	E26	Ø2,4 x H4 In	41 g / 0,10 lb
OrbiLED MIDI A68 (clear)	7	806	max 115	360°	120	Opt.	E26	Ø2,7 x H4,4 In	49 g / 0,11 lb
OrbiLED MIDI A68 (clear)	7	806	max 115	360°	120	yes	E26	Ø68 x H4,4 In	49 g / 0,11 lb

Item	Watt	Lumen	Lumen/W	Beam	Volt	Dim	Base	Size	Weight
OrbiLED MINI A60 (frosted)	5	500	max 100	360°	120	Opt.	E26	Ø2,4 x H4 In	41 g / 0,10 lb
OrbiLED MIDI A68 (frosted)	7	740	max 105	360°	120	Opt.	E26	Ø2,7 x H4,4 In	49 g / 0,11 lb
OrbiLED MIDI A68 (frosted)	7	740	max 105	360°	120	yes	E26	Ø68 x H4,4 In	49 g / 0,11 lb



## Panel Lights

ultra slim design  
UGR 19 available  
max. 100 lm/w

# Panel Lights

## Technical Details

Panel Lights	
Cover	PS
Ingress protection	IP40
Protection class	Class II
Power supply	external
Beam angle	120°

Panel Lights	
Color temperature (K)	4000
Lifetime	50,000 h 25°C
Dimmable	-
Controller	-
Operation temperature	32°F – 140°F

Panel Lights	Panel Light 40 W	Panel Light 40 W UGR
Size	23,6x23,6*0,5 In	23,6x23,6*0,5 In
Weight	4,2 kg / 98,3 lb	4,2 kg / 98,3 lb
Input power (W)	40 W	40 W
LEDs	Lumenmax2835, alternative: EPISTAR2835 192 St.	Lumenmax2835, alternative: EPISTAR2835 192 St.
Cable connection	Cable with male/female Connection	Cable with male/female Connection
CRI/IRC	80	80
Lumen max. (lm)	3400	3200
Lumen/Watt	85 LM/W	82 LM/W
UGR	-	19

Panel Lights	Panel Light 36 W	Panel Light 36 W UGR
Size	23,6x23,6*0,5 In	23,6x23,6*0,5 In
Weight	4,2 kg / 98,3 lb	4,2 kg / 98,3 lb
Input power (W)	36W	36W
LEDs	Lumenmax2835, alternative: EPISTAR2835 242 St.	Lumenmax2835, alternative: EPISTAR2835 242 St.
Cable connection	Cable with male/female Connection	Cable with male/female Connection
CRI/IRC	80	80
Lumen max. (lm)	3600	3400
Lumen/Watt	100 LM/W	95 LM/W
UGR	-	19

## T8 LED Tube

high efficiency factor  
simple installation  
max. 105 lm/w



### Technical Details Driver:

Input voltage	100 - 277V
Input power	20,5 W
Output power	Max. 18 W
Mains frequency	50-60Hz
Power factor	>0.9
Type efficiency	>88%
Dimming	Non-Dimmable
Way of placement	Built-in

### Technical Details:

Luminous flux	2020-2150Lm
Base	G13
Efficacy	95-105 Lm/W
Beam angle	130°
CRI	80
Dimming	Non dimmable
Nominal lamp life time	30000 h
Isolation class	Class II
Ingress Protection	IP20
Size	47,8L x 1,1W x 1,32H In
LED	SMD 2835
CCT	3000K / 4000K / 5000K
PCB module	126PCS LED

## Tri Proof Lamp

shockproof design  
easy installation  
max. 85 lm/w



# Tri Proof Lamp

## Technical Details

Tri Proof Lamp	
<b>Housing</b>	Aluminum
<b>Cover</b>	Polycarbonate
<b>Ingress protection</b>	IP65
<b>Protection class</b>	Class I
<b>Power supply</b>	external

Tri Proof Lamp	
<b>Color temperature (K)</b>	4000
<b>Lifetime</b>	50,000 h 77°F
<b>Dimmable</b>	-
<b>Controller</b>	-
<b>Operation temperature</b>	14°F – 104°F

Tri Proof Lamp	Tri-Proof-Lamp 0400	Tri-Proof-Lamp 1200	Tri-Proof-Lamp 1500
<b>Size</b>	26,0*3,7*3,3 In	50,0*3,7*3,3 In	61,8*3,7*3,3 In
<b>Weight</b>	2,4 lb	4,0 lb	8,8 lb
<b>Input power (W)</b>	20.1±10%(20.1W)	40.6±10%(40.6W)	60.5±10%(60.5W)
<b>LEDs</b>	HOYOL SMD2835 4000K 60MA  120 LEDs: 12 x 10 pcs Parallel connected	HOYOL SMD2835 4000K 60MA  240 LEDs: 12 x 20 pcs Parallel connected	HOYOL SMD2835 4000K 60MA  360 LEDs: 15 x 24 pcs Parallel connected
<b>CRI/IRC</b>	83,9	83,2	81
<b>Lumen max. (lm)</b>	1700	3400	5100
<b>Light dispersion</b>	129,3	129,0	129,5





## chilledLED

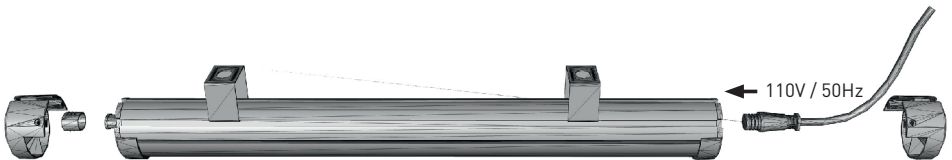
elegant led light strip  
of aluminum

low height

for direct and indirect  
lighting

as single lamp and strip  
lighting

The chilledLED offers a variety of lighting solutions - a single-position lighting is possible as well as the installation as light band. The linear concatenation of the light source enables the installation of a light band with up to 25 chilledLED lighting units.



The output to the next chilledLED

The last chilledLED in a light band must be sealed with an end cap made of aluminum.

# chILLED

## Technical Details

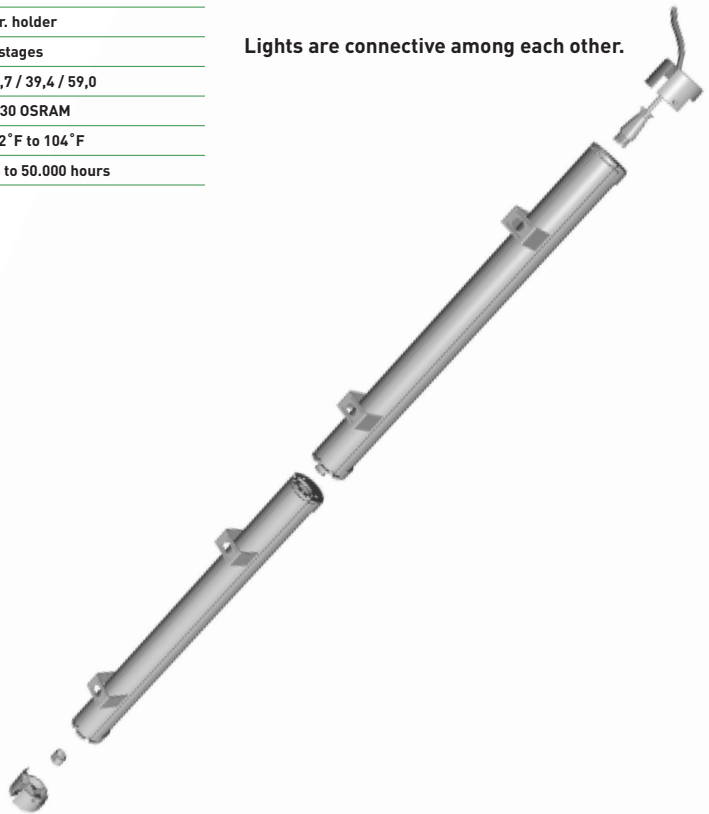
### Technical details:

Line frequency	50–60 Hz
Voltage	110–230 V
Protection class	I
CosPhi	>0.95
Power	15 W (19,7 in) 32 W (39,4 in) 50 W (59,0 in)
Light color	4000 / 6500 K
Beam angle	P-Type 120° V-Type 240°
Fixing	var. holder
Dimmable (DALI)	3-stages
Dimensions (In)	19,7 / 39,4 / 59,0
LED type of construction	5630 OSRAM
Operation temperature	-22°F to 104°F
Average durability	up to 50.000 hours

- A chilled light band can be interconnected with only power supply up to a maximum of 123 ft.
- The end of a chilled light band must be sealed with a cap.

**For the chilled a power rating of a maximum of 1250W is permissible.**

Lights are connective among each other.



## ED LinearLight



**hall lamp**  
**integrated housing**  
**linear combinable**  
**120 lumen/watt**

- Driver: Tridonic
- Plugs: Wieland
- LEDs: Samsung LM80
- Housing: IP67
- Warranty: 5 Years
- Lifetime: 100.000 Hours

Item	Watt	Lumen	Beam	Volt	Dim	Base	Size	Weight
ED LinearLight	50	6000	110°	110	Opt.	E.Plug	71 x 3,1 In	3,1 kg / 6,8 lb
ED LinearLight	65	8000	110°	110	Opt.	E.Plug	71 x 3,1 In	3,1 kg / 6,8 lb
ED LinearLight	100	12000	110°	110	Opt.	E.Plug	71 x 3,1 In	3,1 kg / 6,8 lb
ED LinearLight	125	15000	110°	110	Opt.	E.Plug	71 x 3,1 In	3,1 kg / 6,8 lb



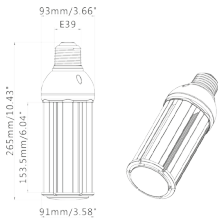
## LED Corn Bulb Lamp Series

max. 105 lumen/watt

### Technical Details:

Model	<b>IDO-802-54W</b>
Rate Power	<b>≤57.5W</b>
Input Voltage	<b>AC100-277V 50-60Hz</b>
CCT	<b>2700-7000K</b>
Power Factor	<b>≥0.9</b>
CRI	<b>&gt;80</b>
Lumen max	<b>5700 lm</b>
LED	<b>Samsung LM561B</b>
LED Quantity	<b>162 LEDs 0.3W</b>
Socket	<b>E26 / E39</b>

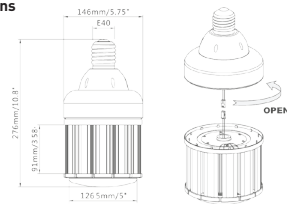
### Dimensions



### Technical Details:

Model	<b>IDO-803-80W</b>
Rate Power	<b>≤84W</b>
Input Voltage	<b>AC100-277V 50-60Hz</b>
CCT	<b>2700-7000K</b>
Power Factor	<b>≥0.9</b>
CRI	<b>&gt;80</b>
Lumen max	<b>8400 lm</b>
LED	<b>SamsungLM561B</b>
LED Quantity	<b>234 LEDs 0.3W</b>
Socket	<b>E26 / E39</b>

### Dimensions



# LED Corn Bulb Lamp Series

max. 105 lumen/watt

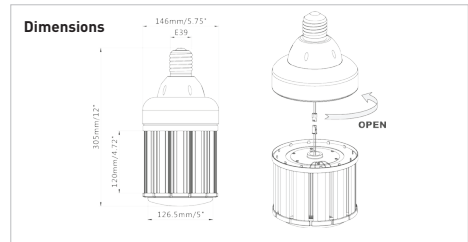
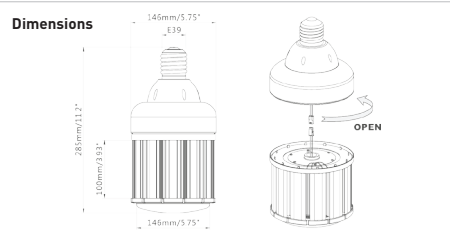


### Technical Details:

Model	<b>IDO-803-100W</b>
Rate Power	<b>≤105W</b>
Input Voltage	<b>AC100-277V 50-60Hz</b>
CCT	<b>2700-7000K</b>
Power Factor	<b>≥0.9</b>
CRI	<b>&gt;80</b>
Lumen max	<b>10500 lm</b>
LED	<b>Samsung LM561B</b>
LED Quantity	<b>280 LEDs 0.3W</b>
Socket	<b>E39</b>

### Technical Details:

Model	<b>IDO-803-120W</b>
Rate Power	<b>≤126W</b>
Input Voltage	<b>AC100-277V 50-60Hz</b>
CCT	<b>2700-7000K</b>
Power Factor	<b>≥0.9</b>
CRI	<b>&gt;80</b>
Lumen max	<b>12600 lm</b>
LED	<b>Samsung LM 561B</b>
LED Quantity	<b>336 LEDs 0.3W</b>
Socket	<b>E39</b>



## HiBay Cree LED



**rotational symmetric LED hall  
down light up to 300 w power**  
max. 80 lm/w

Reflector 45° Alu  
Art.-No.: 11672



Reflector 120° Alu  
Art.-No.: 11673



Reflector 45° PC  
Art.-No.: 11674



# HiBay Cree LED

## Technical details

HiBay Cree LED	
<b>Housing</b>	Vapor Tube / Fin
<b>Cover</b>	Aluminum
<b>Ingress protection</b>	IP65
<b>Protection class</b>	Class I
<b>Power supply</b>	internal
<b>Beam angle</b>	120°

HiBay Cree LED	
<b>LED</b>	CREE XB-D 4000/5000/6500K
<b>CRI/IRC</b>	75-85
<b>Lifetime</b>	50,000 h 25°C
<b>Dimmable</b>	-
<b>Certificates</b>	UL, RoHS
<b>Operation temperature</b>	14°F – 104°F

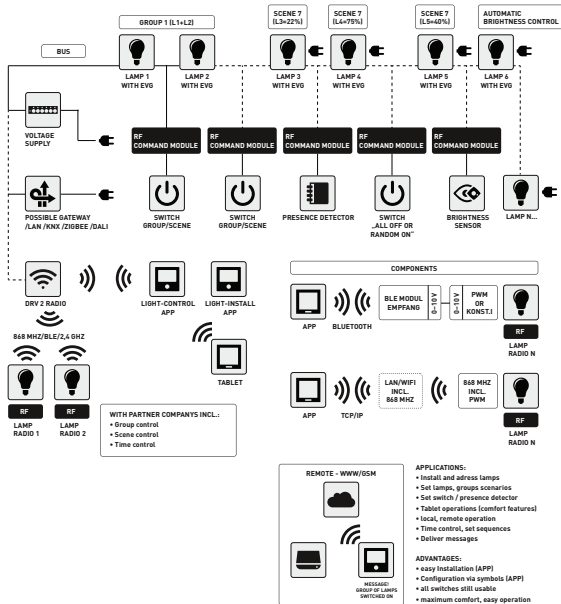
HiBay Cree LED	High Bay 100W	High Bay 150W	High Bay 200W
<b>Size</b>	9,0*10,7*10,7 In	9,0*10,7*10,7 In	9,0*10,7*15,7 In
<b>Weight</b>	4,36 kg / 9,6 lb	4,36 kg / 9,6 lb	5,33 kg / 11,7 lb
<b>Input power (W)</b>	102±10%(100W)	152±10%(150W)	203±10%(200W)
<b>LEDs</b>	60 LEDs: 10 x 6 pcs Parallel connected	80 LEDs: 10 x 8 pcs Parallel connected	100 LEDs: 10 x 10 pcs Parallel connected
<b>Color temperature (K)</b>	4000/5000/6500	4000/5000/6500	4000/5000/6500
<b>Lumen max. (lm)</b>	8000	12000	16000

HiBay Cree LED	High Bay 240W	High Bay 300W
<b>Size</b>	9,0*11,8*18,9 In	10,4*11,8*19,1 In
<b>Weight</b>	6,21 kg / 13,7 lb	6,80 kg / 15,0 lb
<b>Input power (W)</b>	243±10%(240W)	302±10%(300W)
<b>LEDs</b>	120 LEDs: 10 x 12 pcs Parallel connected	150 LEDs: 10 x 15 pcs Parallel connected
<b>Color temperature (K)</b>	4000/5000/6500	4000/5000/6500
<b>Lumen max. (lm)</b>	19200	24000

# CON3-App Functions

Feature	available	Note
Switching individual lamps	yes	All lamps in bus
Dimming individual lamps	yes	Within lamp specifications
Switching groups	yes	All groups in bus
Dimming individual groups	yes	Within lamp specifications
Display lamp status	yes	in WLAN and remote at TCP/IP connection
Switching scenarios	yes	All scenarios in bus
Switching / configuring sequences	coming up	With Integration of desired timetable
Generate group switches	yes	All configured groups
Generate scenario switches	yes	All configured scenarios
Configure one lamp / group classification	yes	Within lamp specifications of all groups
Configure one lamp / scenario classification	yes	Within lamp specifications of all scenarios
Generate favorites	yes	Via sliding app icons
Configure Gateway connection	yes	Search and mapping in LAN / WLAN
Simultaneous operation with other users	yes	Coexistent to app elements and to other app users

## Light control with components





## LED Flood Light COB LED Models



**compact design, professional  
LED flood light**

**very low energy consumption**

**extremely long lifetime up to  
40,000 hrs**

**patented, unique, flexible  
design**

**robust against all weather  
conditions**

**for in- and outdoor use**

**No UV and Near-IR Radiation in the Light Beam**

**Efficient Generation of White Light**

**Mercury-free Lamps**

**High Color Consistency**

## LED Flood Light Screw Power LED



**compact design, professional  
LED flood light**

**very low energy consumption**

**extremely long lifetime up to  
40,000 hrs**

**patented, unique, flexible  
design**

**robust against all weather  
conditions**

**for in- and outdoor use**

**No UV and Near-IR Radiation in the Light Beam**

**Efficient Generation of White Light**

**Mercury-free Lamps**

**High Color Consistency**

**Innovation.**  
**Flexibility.**  
**Quality.**  
**Speed.**

**German Engineering meets Chinese Production –  
A perfect combination in value and performance with a tailor made  
innovation boost.**

**INLEDCO Cologne, Germany**

Headquarter and development

Our developers are permanently connected with international testing- and certification institutes (UL, CE, TÜV, VDE etc.)

**INLEDCO Zhengzhou, Central China**

Manufacturing and production line

As a qualified manufacturer of LED products we guarantee european quality- and security standards.

**INLEDCO USA, Royal Palm Beach, Florida, US**

Distribution unit in the United states

