



OPTIMIZED
LED-ENGINE
SOLUTIONS

FOR

HOTELS



optoGa

WWW.OPTOGA.COM

We create light for all areas in hotels

The customer in mind

At Optoga, we design and develop all our OptoDrive® LED-light engines with you as the customer in mind. All research, development and testing is done in Sweden. This is to maintain control over the full process and to keep it simple.

The ideal performance

If you have the ideas and the design, we will provide you with the best possible light. We are always aiming for a product that is easy for you to integrate and has the ideal performance for your luminaire.

Quicker and simpler

We provide optimized LED-light solutions, integrated light engines that enable you as a luminaire manufacturer to focus on satisfying your end-customers with a perfect light. Quicker and simpler.



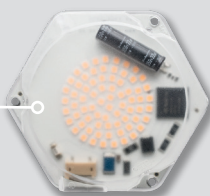
Stefan Larsson,
Founder and CEO

HOTEL RECEPTION

You never get a second chance to a first impression. The reception is where you set the standard.

The light should be controllable and follow the phases of the day.

- Downlights
- Ambient lights
- Spotlights
- Pendants
- Dali controlled
- UPS



Svea AC
FlickerFree
CRI >80



CLARA AC
Dali
Optical Holder 60°



Ada AC
FlickerFree
Optical Holder 10°

BED ROOM

Each room might have a different feeling. And each guest want to control the light their way. It must also be easy to clean and inspect.

- Downlights
- Pendants
- Decorative lights
- Bedlights
- NightLight
- Dim2Warm



Clara AC
NightLight
60° Optical holder
CRI >80



CRYSTAL AC
Dim2Warm
10W
CRI >80

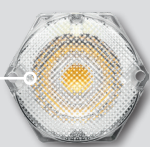


Theo AC
Dali
FlickerrFree
CRI >80

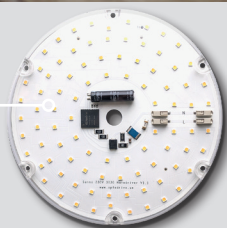
BATHROOM

The bathroom offer freshness and privacy. The light should be adjustable to be bright and cold to wake you up in the morning, and dimmed and warm during nightly visits.

- Downlights
- Ceiling lights
- Dim2warm
- IP44
- NightLight



Clara AC
Dim2Warm
50°
CRI >90



Sanna AC
Dali
FlickerFree
CRI >90



Gustav AC
10W
CRI >90

DINING HALL

The dining hall is often used for many occasions. The atmosphere must be able to change. Light should be both refreshing in the morning, cosy in the evening and bright for cleaning.

- Downlights
- Pendants
- Decorative lights
- Ceiling lights
- Ambient lights
- Spotlights
- Dali



Ada AC
FlickerFree
Dali
Optical Holder 10°
CRI >90



Clara AC
Dali
Optical Holder 20°
CRI >90



Theo AC
FlickerFree
Dali
CRI >80

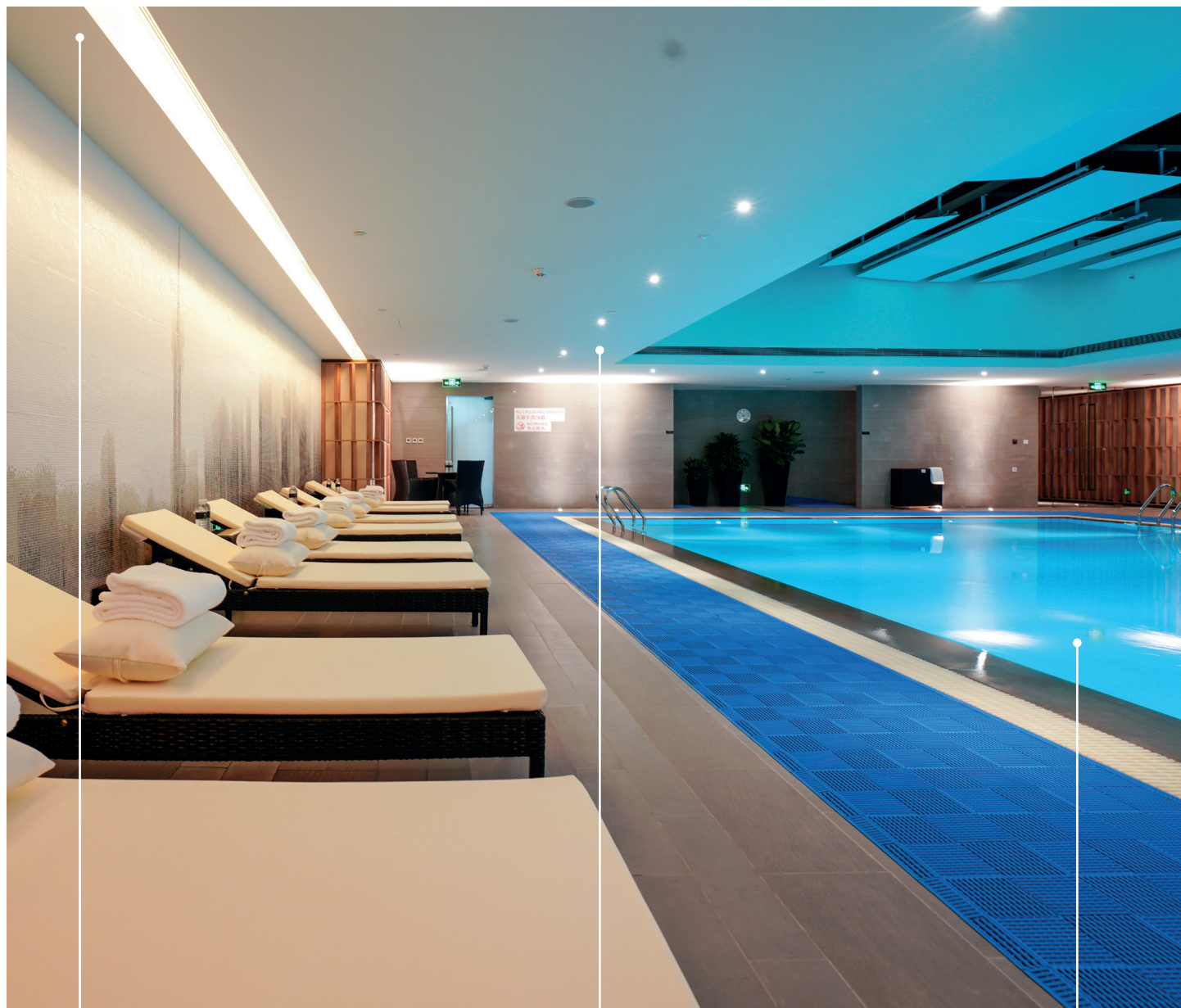


Sanna AC
FlickerFree
Dali
CRI >90

SPA

The spa-facility is the place to relax. In a cosy warm ambient light that gives the right atmosphere and calms the mind.

- Downlights with adjustable CCT
- Pool lights with safe low voltage
- Ambient lights
- Dali controlled



THEO AC
FlickerFree
Dali
CRI >90



CRYSTAL AC
Dali
CRI >90

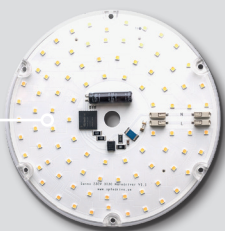


FELICIA ID
4W Low voltage
CRI >90

KITCHEN

The kitchen is a working area. The light must be practical and effective. But also friendly for the eyes and optimal for the task.

- Tasklights
- Downlight
- High CRI for great colours
- FlickerFree
- Dali controlled



Sanna AC
FlickerFree
CRI >90



Theo AC
FlickerFree
CRI >80

COLD BUFFET

The cold buffet is where the magic happens. Colours, textures and freshness should be visible in the best possible way.

- Working light without flicker
- Spotlights
- Downlight
- Decorative
- Dali
- High CRI for great colours



CRYSTAL AC
Dali
40°
CRI >80



Clara AC
Dali
Optical Holder 10°
CRI >90

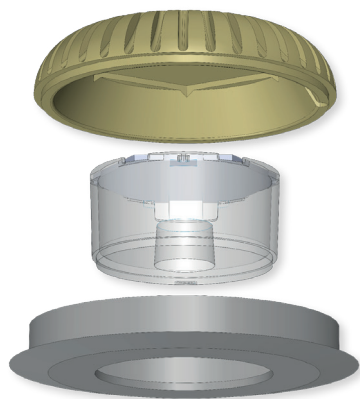


Ada AC
Dali
Optical Holder 60°
CRI >90

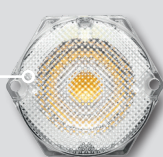
CORRIDORS

The corridors needs to lit up in the right way. The way to the room carry the identity of any hotel. But they also needs to be a safe passage in case of emergency.

- Ceiling lights
- Downlights
- NightLight
- UPS
- Dali controlled



CRYSTAL AC
UPS
40°
CRI >80



Clara AC
Dali
50°
CRI >90

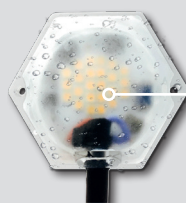


Clara AC
Dali
Optical Holder 10°
CRI >90

POOL AREA

The lights changes with the seasons and the atmosphere with the light. Durable modules for outdoor use and flexible light for the right feeling.

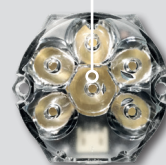
- IP65/IP67 for outdoor use
- Low voltage in pool area
- Wall washers
- Dali controlled



Clara AC
IP65/IP67
110°
CRI >80



Victor ID
Low voltage
30°
CRI >90



Clara ID
Low voltage
9°
CRI >90

APPLICATION	LED-ENGINE		POWER	OUTPUT	FEATURES	CRI	BEAM ANGLE	SIZE
 Decorative	ELLA ID		10W	810lm	FlickerFree (30000Hz) Dali (DimLight)	Ra>90	120° (no cover)	ø: 120mm
	FELICIA AC		2W	150lm	-	Ra>80	130°	38x33.5mm
			4W	230lm			25°	37x33
							Asymmetric 60x25°	38x33.5mm
	FELICIA ID		1W 4W	80lm 150lm	FlickerFree (30000Hz) Dali (DimLight)	Ra>90	30° 130°	40x35mm 38x33.5mm
LILLY6o AC		4W	430lm	230VAC 120VAC	Ra>80* Ra>90	130°	ø: 60mm	
 Downlight	CLARA AC	24LED	2W	250lm	230VAC 120VAC	Ra>80* Ra>90	130°	54x47mm
			4W	500lm				
			6W	750lm				
			8W	900lm				
			10W	1 100				
			12W	1 350lm				
	CLARA AC	COB	16W	1 450lm	Dali Dim2Warm	Ra>80* Ra>90	50° 130°	55x48.5mm
			2+10W	200+1000lm	NightLight			
			0.5+10W	50+1000lm	UPS			
CRYSTAL AC		5W	550lm	Dali Dim2Warm	Ra>80* Ra>90	25° 40° 60°	ø: 51mm	
		10W	1 000lm					
		16W	1 500lm	NightLight				
		2+10W	200+1000lm	UPS				
GUSTAV AC		10W	1 000lm	-	Ra>80 Ra>90*	120° (no cover)	203x30mm	
STEFFI-D AC	COB	5W 10W	550lm 1 000lm	230VAC 120VAC	Ra>80* Ra>90	50° 25°	ø: 45mm	
SVEA AC		20W 32W	2 000lm 3 000lm	Dali FlickerFree	Ra>90	130°	82x92mm	
 Ceiling	CLARA AC	24LED	2W	250lm	230VAC 120VAC	Ra>80* Ra>90	130°	54x47mm
			4W	500lm				
			6W	750lm				
			8W	900lm				
			10W	1 100				
			12W	1 350lm				
	CLARA AC	COB	16W	1 450lm	Dali Dim2Warm	Ra>80* Ra>90	50° 130°	55x48.5mm
			2+10W	200+1000lm	NightLight			
			0.5+10W	50+1000lm	UPS			
GUSTAV AC		10W	1 000lm	-	Ra>80 Ra>90*	120° (no cover)	203x30mm	
LILLY6o AC		4W	430lm	230VAC 120VAC	Ra>80* Ra>90	130°	ø: 60mm	
LILLY80 AC		10W 22W 32W	1 100lm 2 200lm 3 200lm	230VAC 120VAC	Ra>80* Ra>90	130°	ø: 80mm	
SANNA AC		12W 32W	1 400lm 3 900lm	Dali FlickerFree	Ra>90	130°	ø: 158.5mm	
 Tasklight	CLARA AC	24LED	2W	250lm	230VAC 120VAC	Ra>80* Ra>90	130°	54x47mm
			4W	500lm				
			6W	750lm				
			8W	900lm				
			10W	1 100				
			12W	1 350lm				
	CLARA AC	COB	16W	1 450lm	Dali Dim2Warm	Ra>80* Ra>90	50° 130°	55x48.5mm
2+10W			200+1000lm	NightLight				
0.5+10W			50+1000lm	UPS				
CLARA ID	3LED	4W 8W	300lm 580lm	FlickerFree (30000Hz) Dali (DimLight)	Ra97 (R9:96)	12° 25° 40°	55x48mm	
ELLA ID		10W	810lm	FlickerFree (30000Hz) Dali (DimLight)	Ra>90	120° (no cover)	ø: 120mm	

APPLICATION	LED-ENGINE		POWER	OUTPUT	FEATURES	CRI	BEAM ANGLE	SIZE
 Spotlight	Clara AC	OH	5W 10W 16W	550lm 1 000lm 1 500lm	Dali Dim2Warm	Ra>80* Ra>90	OH 10°/15°/20°/25°/60°	ø: 76mm
			2+10W	200+1000lm	NightLight			
			0.5+10W	50+1000lm	UPS			
	CRYSTAL AC		5W 10W 16W	550lm 1 000lm 1 500lm	Dali Dim2Warm	Ra>80* Ra>90	40° Crystal	ø: 51mm
			2+10W	200+1000lm	NightLight			
			0.5+10W	50+1000lm	UPS			
 Linear	STEFFI-D AC	COB	5W 10W	550lm 1 000lm	230VAC 120VAC	Ra>80* Ra>90	50° 25°	ø: 45mm
	FELICIA ID		1W 4W	80lm 150lm	FlickerFree (30000Hz) Dali (DimLight)	Ra>90	30°	40x35mm
							130°	38x33.5mm
	CLARA ID	3LED	4W 8W	300lm 580lm	FlickerFree (30000Hz) Dali (DimLight)	Ra97 (R9:96)	12° 25° 40°	55x48mm
	ANDERS AC	280 AC	4W 11W	350lm 1 150lm	-	Ra>80 Ra>90*	120° (no cover)	270x24mm
		440 AC	9W 16W	900lm 1 600lm	-	Ra>80 Ra>90*	120° (no cover)	440x24mm
		550 AC	9W 21W	900lm 2 000lm	-	Ra>80 Ra>90*	120° (no cover)	550x24mm
		600 AC	21W	2 200lm	-	Ra>80 Ra>90*	120° (no cover)	600x24mm
		840 AC	30W	3 000lm	-	Ra>80 Ra>90*	120° (no cover)	840x24mm
	GUSTAV AC		10W	1 000lm	-	Ra>80 Ra>90*	120° (no cover)	203x30mm
	THEO AC	L28W4	9W 16W	950lm 1 600lm	Dali FlickerFree	Ra90	120° (no cover)	280x41mm
		L56W4	16W 32W	1 700lm 3 200lm	Dali FlickerFree		120° (no cover)	560x41mm
	VICTOR ID		4W 8W	300lm 640lm	FlickerFree (30000Hz) Dali (DimLight)	Ra>90	14° 20° 30° 60° Oval 14° x 23°	140x25mm
 Outdoor	CLARA AC	IP67	6W 10W	650lm 1000lm	IP65/IP67 230VAC 120VAC	Ra>80	110°	58x51.5mm
 Pendant	LILLY80 AC		10W 22W 32W	1 100lm 2 200lm 3 200lm	-	Ra>80* Ra>90	130°	ø: 80mm
	SANNA AC		12W 32W	1 400lm 3 900lm	FlickerFree	Ra>90	130°	ø: 158.5mm

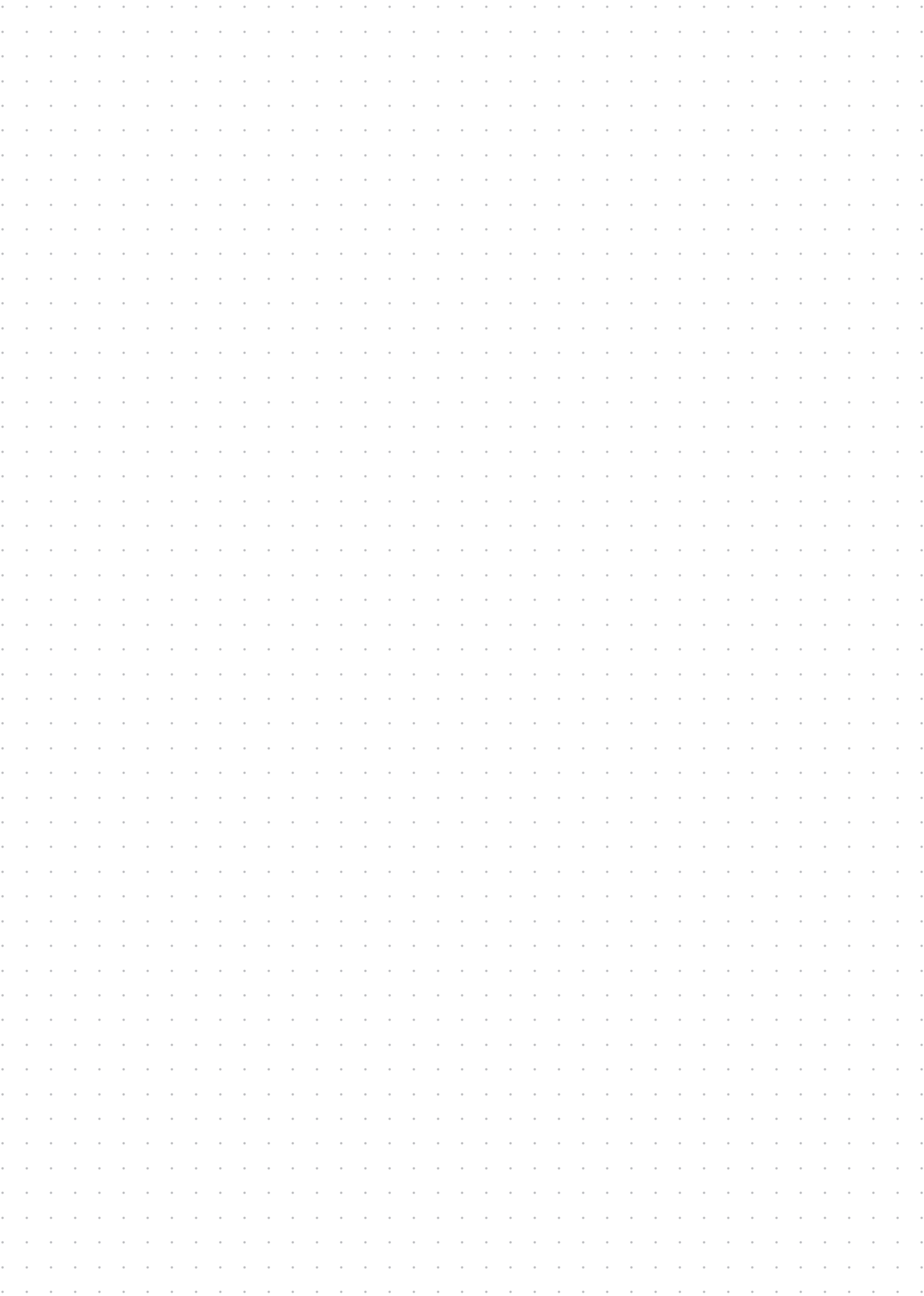
AC: LED-engines for 230VAC or 120VAC - no external driver required

ED: External driver required

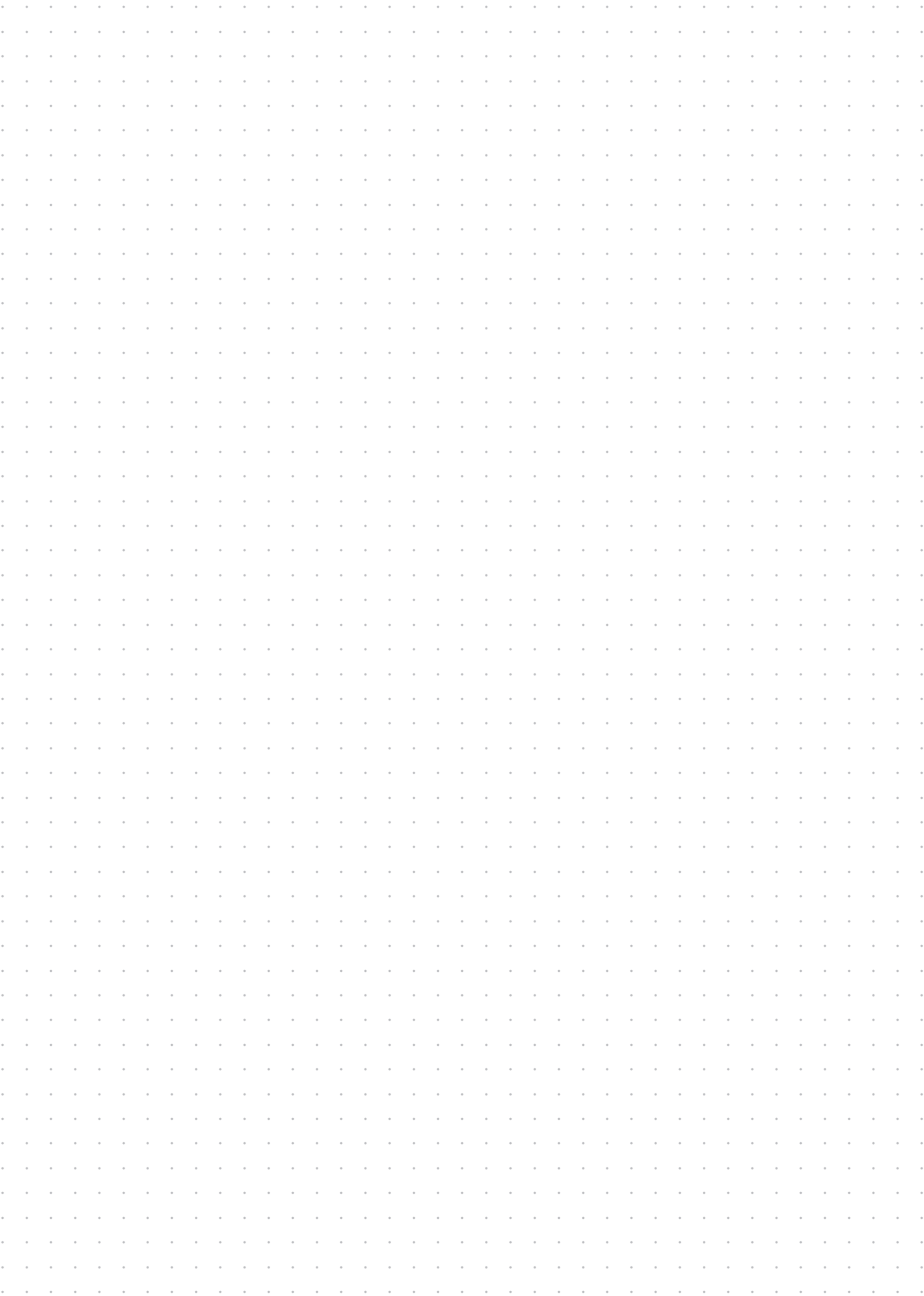
ID: Internal driver, low voltage

* Standard version

NOTES AND SKETCHES



NOTES AND SKETCHES





Do you want to know more about benefits of OptoDrive® LED?

With the OptoDrive® LED-light engines, Optoga has taken the initiative to replace strip lights, incandescent and halogen bulbs with LED-based sources.

Read more about OptoDrive® at www.optoga.com. You can also contact us via info@optoga.com or call us.

We provide optimized LED-light solutions, integrated light engines that enable luminaire manufacturers to focus on satisfying their end-customers with a perfect light.

Quicker and simpler.



Subscribe to OPTOGA's newsletter
Just point your smartphone camera at the QR code

optOGA

Köpingsvägen 4 • 732 31 Arboga • SWEDEN
Tel +46 (0) 589 490 950
info@optoga.com • www.optoga.com

Copyright © 2004-2018 OPTOGA AB. All rights reserved.
Hotel-2018-B