

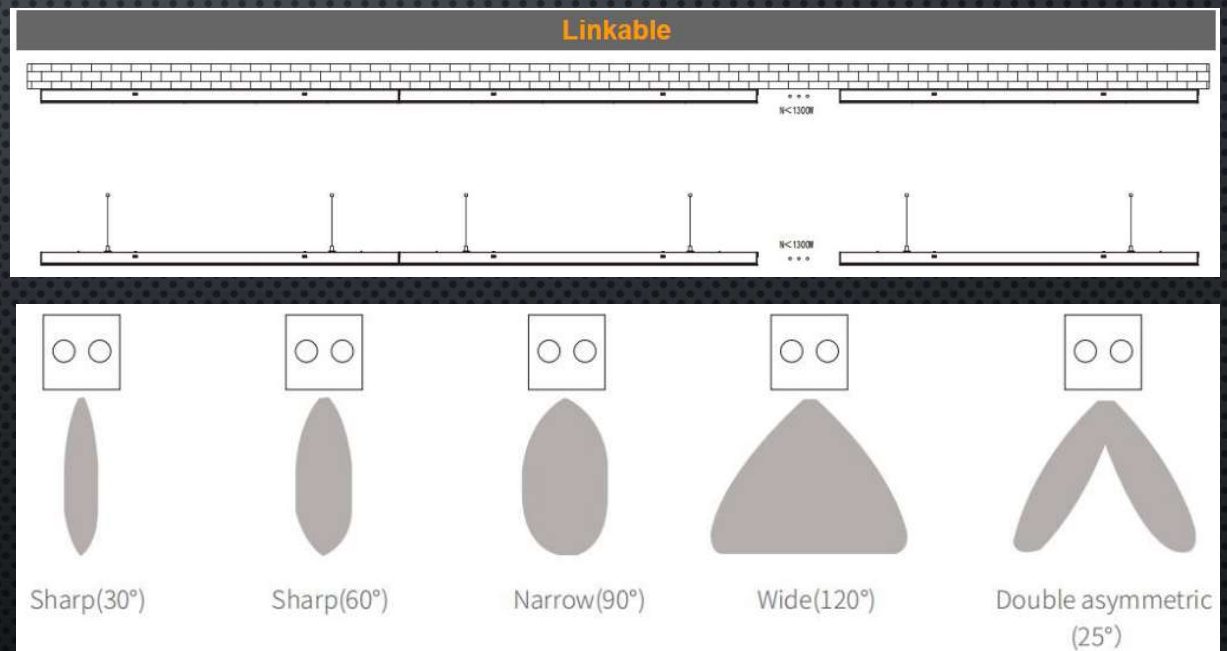
HØJLUMEN LED FRA UPGRADERS ENERGI APS

LED ARMATURER OG LYSKILDER MED HØJ EFFEKTIVITET FRA 150 – 200LM/W

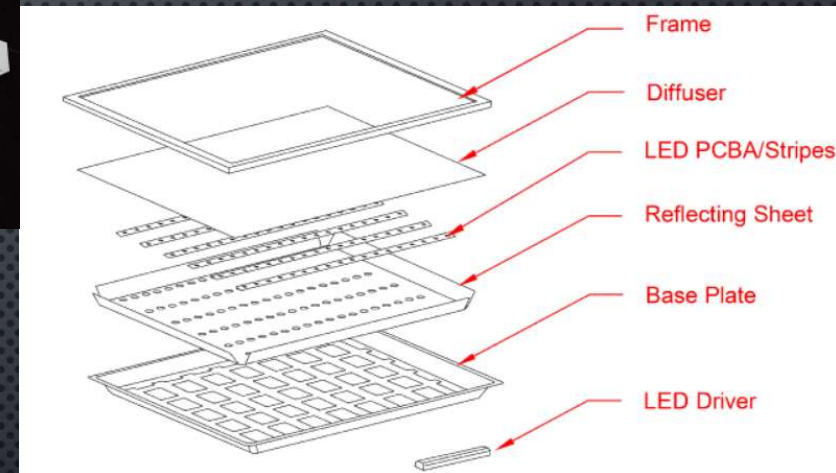
LINEÆRE ARMATURER FOR LAGER, SPORT, RETAIL M.M.



LN03 LINKABLE LINEAR - 30° 60° 90° 120° SAMT ASYMETRISK SPREDNING 180LM/W, 30-72W (5.400-12.960LM) RA80>



180LM/W BAGBELYSTE LED PANELER MED INDBYGGET DRIVER, 10-60W ~ 1.800-10.800LM, RA80>



21W=40W
 SAVE 42%

HIGH EFFICACY
 up to 180lm/W

LED Backlit Panel Lights
 295*1195mm / 595*595mm / 620*620mm / 595*1195mm

180LM/W Panel

ENERGY

A B C D E F G

21
 kWh/1000h

2019/2015

180LM/W LED Panel Light (Internal LED Driver)

LED Backlit Panel Lights
180LM/W
 295 * 1195mm / 595 * 595mm / 620 * 620mm / 595 * 1195mm

CE RoHS

21W=36W
 SAVE 42%

ENERGY

A B C D E F G

21
 kWh/1000h

150-180 LM/W BACK LIGHT LED PANELER MED LAV BYGGEHØJDE, UGR<19 OG MULIGHED FOR JUSTERBAR FARVETEMPERATUR OG ALLE FORMER FOR STYRING OG SENSORIK.

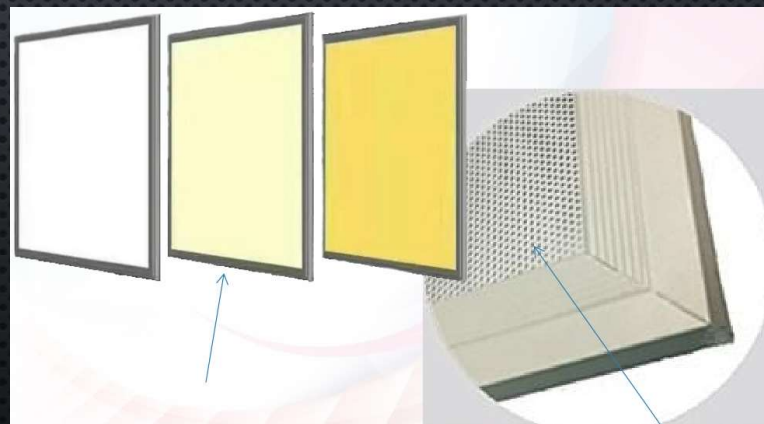


The light source adopts 160 degree high reflectivity lens, which is protective to eyes and with good luminance uniformity. High luminance led chips. Wider aluminum PCB board. Better heat dissipation.



Super thin flicker free power supply. High PFC. High efficiency. Conform to CE standard. AISHI capacitor. Long stable lifespan.

Model number	Size(mm)	Power	Input voltage	LED Type	CRI	Luminous	Efficiency	Beam Angle
PL-234B-300	595x595x35	20/25W	200-240V	3030	Ra≥80	170-180(LM/W)		120°
PL-233B-300	295x1195x35	20/25W	200-240V	3030	Ra≥80	150-160(LM/W)		120°



CCT adjustable

UGR<19

160-200LM/W HIGH BAY MED SENSOR OG DÆMP SAMT AUTOMATISK DAGSLYS KOMPENSATION



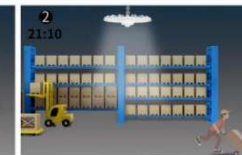
Standard 160lm/ - optional 200lm/W (Ra70>)
60° 90° 120°

DAYLIGHT SENSOR FUNCTION

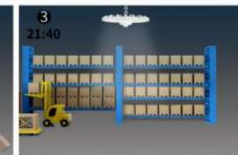
Open the daylight sensor by push  when remote control is in setting condition.



The light switches on at 100% when there is movement detected.



The light dims to stand-by level after the hold-time.



The light remains in dimming level at night.

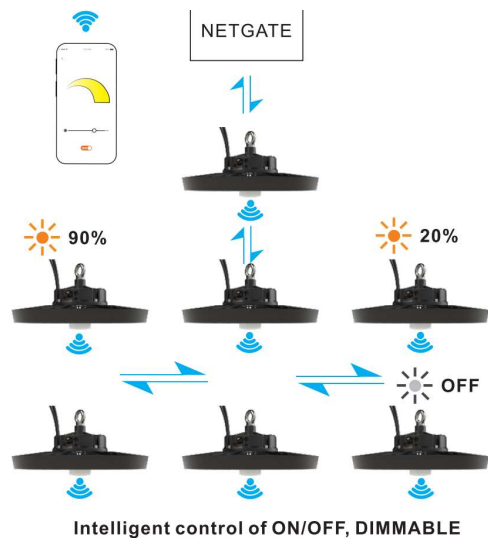
Settings on this demonstration:
Hold-time:30min
Setpoint on:50lux
Setpoint off:300lux
Stand-by Dim:10%
Stand-by period:+∞
(when the smart photocell sensor open, the stand-by time is only +∞)

Model	80W		100W		120W		150W		200W	
CRI	Ra70	Ra80	Ra70	Ra80	Ra70	Ra80	Ra70	Ra80	Ra70	Ra80
Efficacy(lm/W)±5%	160	150	160	150	160	150	160	150	160	150
Lumen Output±5%	12800	12000	16000	15000	19200	18000	24000	22500	32000	30000

RETROFIT LED RØR MED 160LM/W TIL 200LM/W, RA80> T5 OG T8 - OGSÅ BALLAST KOMPATIBLE TYPER - 60° - 180° SPREDNING

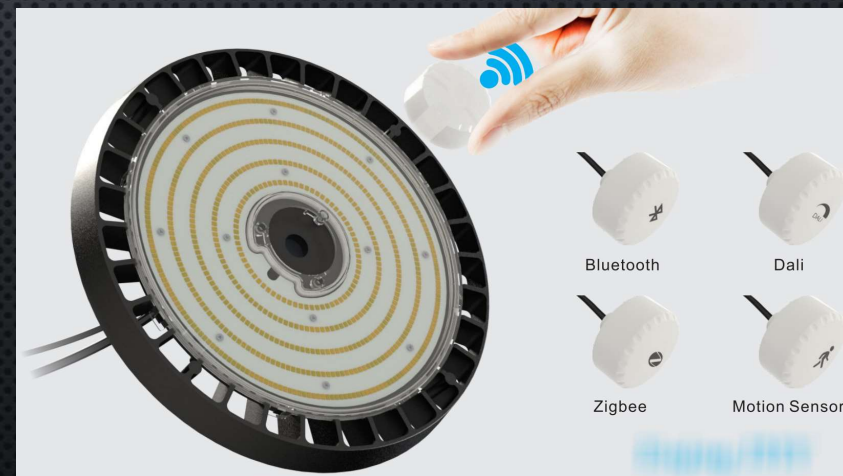
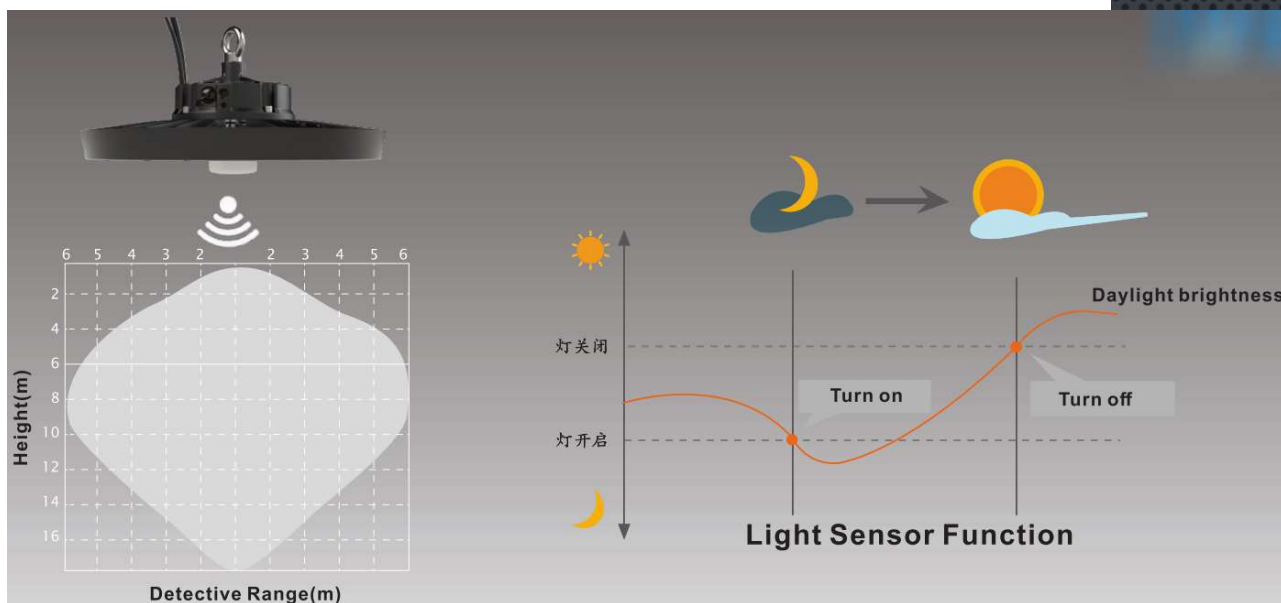


Vi har et bredt udvalg af LED-rør til retrofit i eksisterende armaturer i såvel T5 som T8 version samt rør med indbygget sensorfunktion og vågeblus (dæmp til 20% når ingen aktivitet) og specielle rør til fødevarer (filtreret for UV, forskellige farver og Ra op til 95) for bedst mulig præsentation af fødevarer. (Vi har også specielle track spots for fødevarer) Spørg for nærmere info.



160LM/W HIGH BAY MED INTELLIGENT STYRING.
90° EL. 120° SPREDNING, 100W, 150W EL. 200W

Intelligent HB til lagre og produktioner etc.
Opnå store ekstra besparelser med den autonome
Eller programmerbare Styring, der sikrer optimalt lys
ved behov, og optimal besparelse resten af tiden.

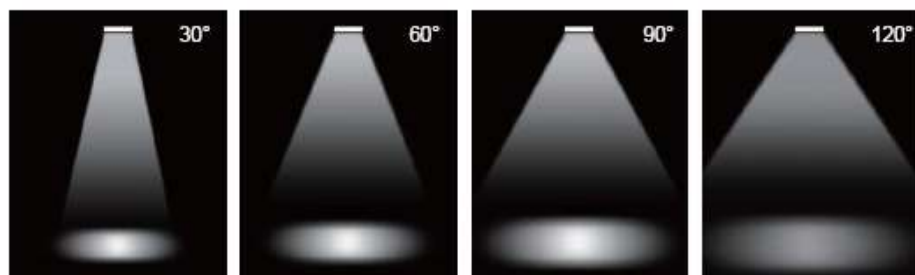
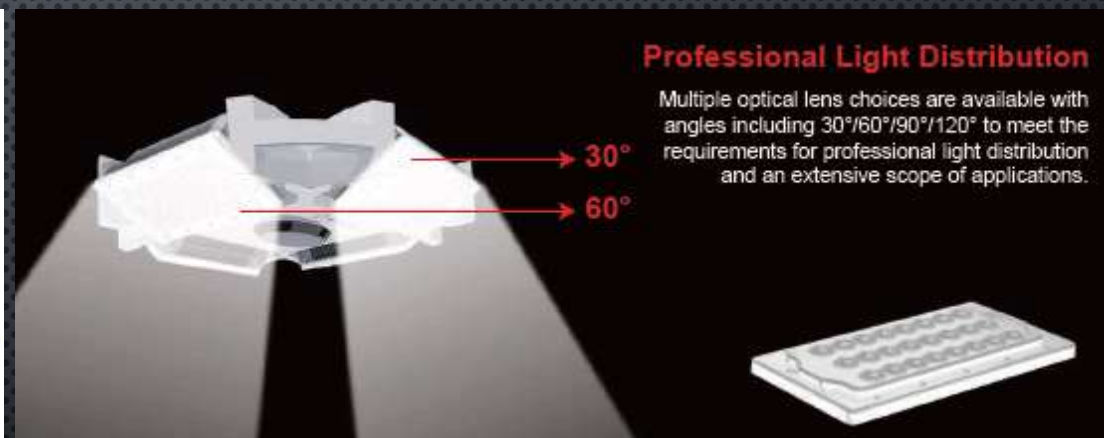


160LM/W HIGH BAY MED DÆMP, SENSORFUNKTION DAGSLYSKOMPENSATION OG JUSTERBAR SPREDNING/DÆKNING. 100-480W ~ 16.000-76.800LM, RA80>



Parameter

WATTAGE	100/150/200/240/300/400/480W
LAMP LUMINOUS FLUX	160LM/W±5%
CRI	Ra>70/80
CCT	2700-6500K
RATED VOLTAGE	AC 90-305V, 50/60Hz
POWER FACTOR	>0.95
BEAM ANGLE	60°/120°(100/150/200/240W) 30°/60°/90°/120°(300/400/480W)
IP GRADE	IP65
HEAT-SINK	ALUMINIUM COOLING FIN ALUMINIUM RIVET
OPERATING TEMP	-40 C~60 C

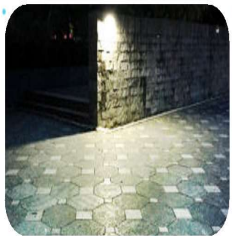


- Ultralight
- Module Rotatable 200°
- High Luminous Flux
- Installation & Maintenance Friendly

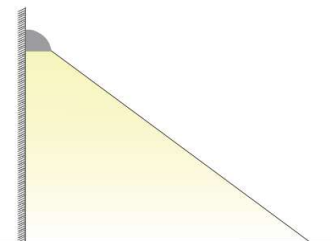
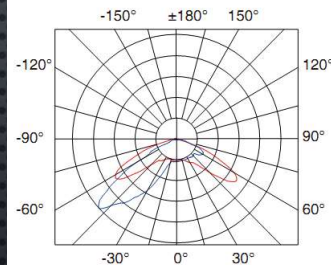
W300 30-200W, 160LM/W VÆGLAMPE MED
ASYMMETRISK SPREDNING FOR STØRRE AREALER.

CO-W300

DESIGNED FOR WALL

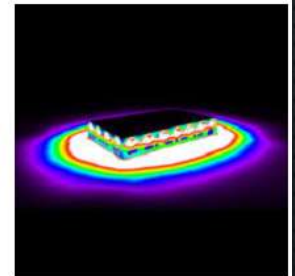


Asymmetric optic lens G6 is designed
for wall installation.



Asymmetric Optics Design

Dialux Simulation

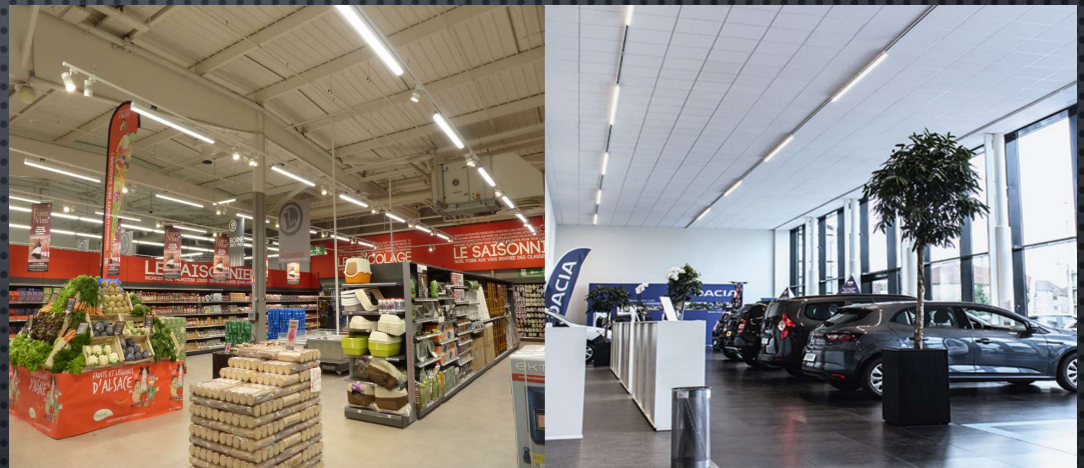
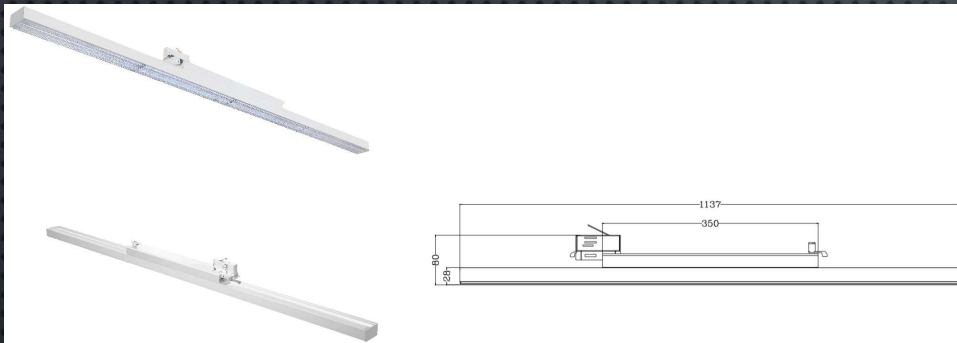


LINEÆRE TRACK LIGHTS FOR RETAIL, 120-150 LM/W

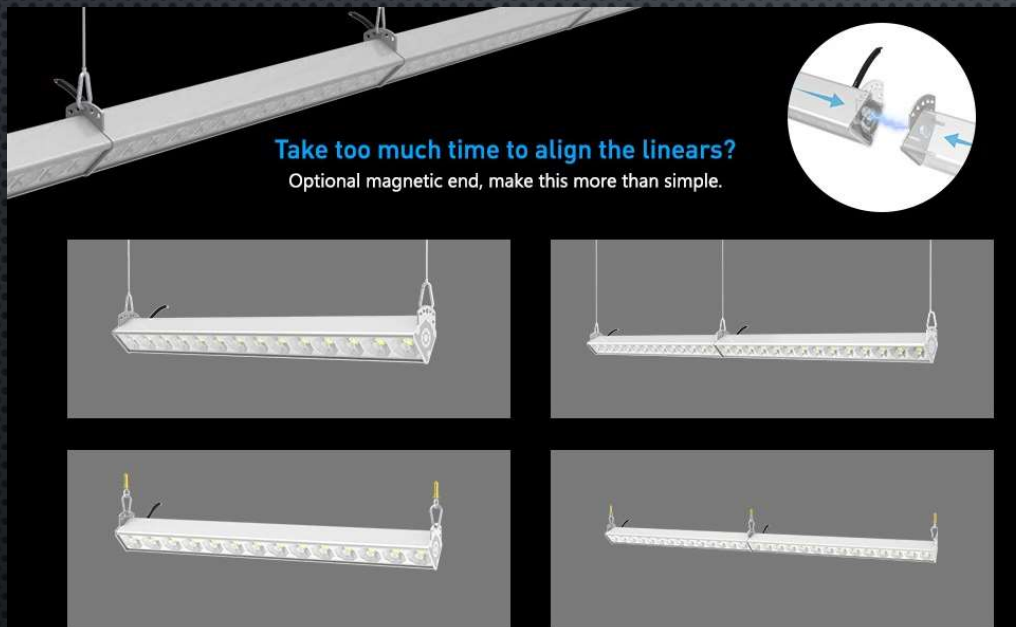
120lm/W lyder ikke af så meget, men da de fleste track spots anvendt i butikker i dag ligger på 80-90lm/W er disse alligevel i den bedre ende. Fås med 60,90 el. 120° spredning, så de kan, ud over spotfunktionen, også bruges til en hurtig, simpel og fleksibel udbygning/supplering af grundbelysningen

Ra83> el >92, CCT 2.700-5.000K

Triac el. Dali dæmpbar



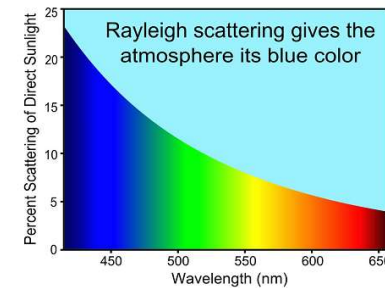
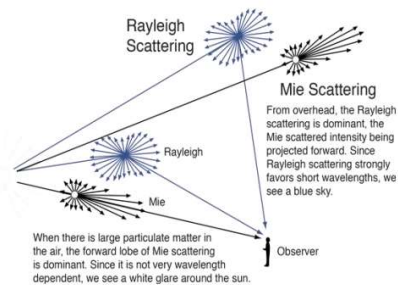
X300Z 150LM/W LINKABLE LINEAR LIGHT, UGR<16, RA90>



- ## X300Z Display Linear Light
- ▶ **Wattage:** 20/30/40/60W 60W-1200/80W-1200
 - ▶ **Rated Voltage:** AC 100-240V 277~ ,50/60Hz
AC 200-240V 277V~,50/60Hz
 - ▶ **CRI:** Ra>70(80/90)
 - ▶ **Lamp Luminous Flux:** : 150LM/W±5%
 - ▶ **CCT :** 2700-6500K

SUSTAINERGY LINE SHATTERLIGHT: IKKE SÆRLIGT ENERGIEFFEKTIVT – MEN ET SPÆNDENDE PRODUKT DER ÅBNER ET VÆLD AF NYE MULIGHEDER: SHATTERLIGHT, KUNSTIGT OVENLYS MED OPTISK HIMMEL EFFEKT.

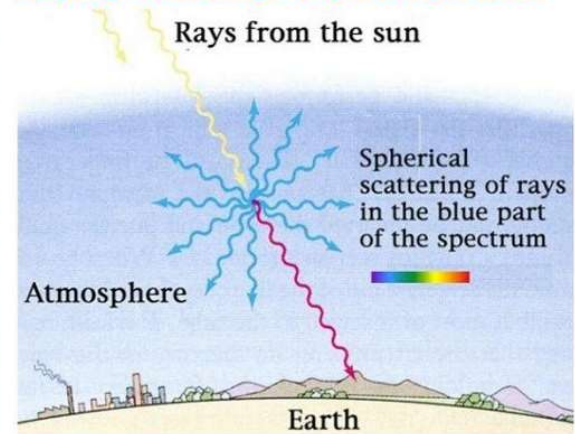
Rayleigh scattering refers to the scattering of light off of the molecules of the air, and can be extended to scattering from particles up to about a tenth of the wavelength of the light. It is Rayleigh scattering off the molecules of the air which gives us the blue sky. Lord Rayleigh calculated the scattered intensity from dipole scatterers much smaller than the wavelength.



**Optical design,
embrace the nature!**



Rayleigh Scattering: Why the sky is blue?

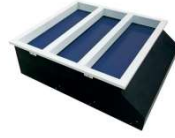
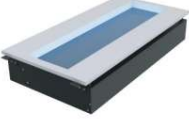
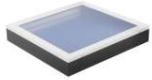
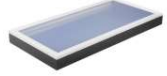


Se en kort video på dette link:
<https://youtu.be/mZaWwR7CuN8>

Our luminaires can be customized according to customer's application requirements. We are flexible to design based on the existing ceiling structure with expansion and extension.

In this way, our products are extremely cost-effective and do not need to be pre-arranged through engineering methods, allowing our customers to carry out post-environment lighting design according to actual needs.



	Technical data SA6060-50W Size: 595x595x205mm Input: AC100-277V Watt: 50W Lumens: 2400lm CRI: 80 N.W.: 9KGS		Technical data SB6060-50W Size: 595x595x205mm Input: AC100-277V Watt: 50W Lumens: 2600lm CRI: 80 N.W.: 10KGS
	Technical data SC6060-50W Size: 595x595x210mm Input: AC100-277V Watt: 50W Lumens: 2700lm CRI: 80 N.W.: 8KGS		Technical data S3060-50W Size: 595x295x205mm Input: AC100-277V Watt: 50W Lumens: 1200lm CRI: 80 N.W.: 9KGS
	Technical data SA6012-160W Size: 1195x595x205mm Sky size: 1100x290mm Input: AC100-277V Watt: 160W Lumens: 3500lm CRI: 80 N.W.: 20KGS		Technical data SAB6060-70W Size: 595x595x102mm Input: AC100-277V Watt: 70W Lumens: 2400lm CRI: 80 N.W.: 6KGS
	Technical data SAB6012-100W Size: 1195x595x205mm Input: AC100-277V Watt: 100W Lumens: 3000lm CRI: 80 N.W.: 9KGS		Technical data SAB3012-70W Size: 1195x295x102mm Input: AC100-277V Watt: 70W Lumens: 2400lm CRI: 80 N.W.: 6KGS



.... OG ALT DET ANDET:

UD OVER PRODUKTERNE I DENNE OVERSIGT, HAR VI EN MASSE ANDRE PRODUKTER - HERIBLANDT INTELLIGENT STYRING, SENSORER, SPECIALOPTIKKER OG LED-PRINT- OG BÅND, DER KAN HJÆLPE TIL AT ENERGIOPTIMERE PÅ ET NIVEAU, SOM IKKE KAN OPNÅS MED DE GÆNGSE STANDARD PRODUKTER I MARKEDET. VI HAR EN STOR VIDEN OMKRING ENERGIOPTIMERING GENERELT OG LED I SÆRDELSEHED, OG KAN MED GARANTI HJÆLPE JER TIL EN STOR CO2 REDUKTION OG BESPARELSER PÅ ENERGIFORBRUGET- OG UDGIFTERNE.

Kontakt os for evt. yderligere info om de viste produkter eller andre løsninger der kan give værdi for jer. Vi kan med garanti hjælpe jer til de bedst egnede løsninger – såvel teknisk som økonomisk - uanset behovet.

Med venlig hilsen
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