

LED RETAIL CONCEPT



Teamtronic skinnespots er opbygget som modulsystem der giver maximal flexibilitet og optimal performances. Det skræddersyet udvalg af "plugandplay" reflektorer samt et bredt tilbehør program af afskærmningsringe til det enkelte armatur giver "state of de art" løsninger

LYS referencebilleder

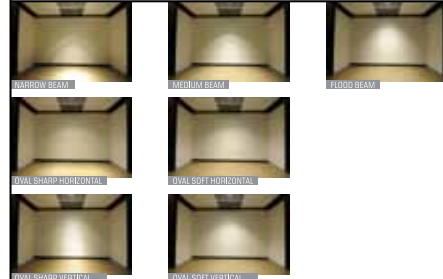
Der ønskes et generelt lys i butikken, som ligeledes oplyser og få strukturen frem i de betonlignende vægge. Ligeledes ønskes der nogle effekter lavet med lyset, hvor lyset danner rum i butikken. Her tænkes på lyse og mørke områder samt fx et inviterende lys bagerst i butikken. Ligeledes kunne det være meget koncentrerende spots på udvalgte dele af produktet. Kvaliteten af lyset er vigtigere end valget af selve designet på lampen. Der tænkes forholdsvis teknisk og industrielt udseende lamper og de bør være nemme at betjene samt have mulighed for justering i forhold til blænding.



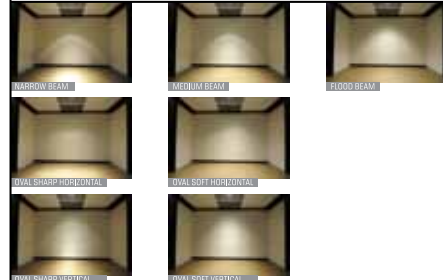
IO2 TRUE LIGHT EFFECTS FROM SMALL SIZE IO2 SYSTEM



IO2 TRUE LIGHT EFFECTS FROM MEDIUM SIZE IO2 SYSTEM



IO2 TRUE LIGHT EFFECTS FROM LARGE SIZE IO2 SYSTEM



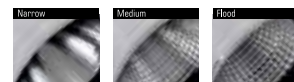
IO2 ISS

The IO2 interchangeable Optical system consists of a 99.99% aluminum reflector with twist lock fixing / snap on system with tempered safety glass and accessories. IO2 system make it possible to change an beam enable with in few second. Best of all this operations require no tooling and screws, so you don't have to worry about finding the right tools or losing screws.

Twist lock systems



The orientation of the oval is freely adjustable



Dynamism has become a fundamental feature of daily life and this is reflected in the corresponding spaces. Layout changes over the course of time and a fundamental role is played by light which, when designed dynamically, can create different images of the same situation.

The innovative IO2 Interchangeable Optical System consisting of 99.98% aluminum reflector (various versions for different lighting application requirement). With twist lock and snap on systems and tempered safety glass provides a concrete response to the need for lighting in a constantly evolving setting. The light distribution of a given lighting point can be transformed to adapt in to the new setting.

Lighting becomes "dynamic" and although the lighting points are always the same, they become protagonists, creating light effects varying over time and space.



Pos 1.
T-ZOOM Spot belysning, hvid lys (4000kelvin) 90% farve index (RA) 2500lm
2500lm



Pos 2.
CONAL downlight, Hvid og varm hvid Conal indbygnings spot (3000 & 4000kelvin)
90% farve index (RA) 2500lm



Pos 3.
T-LED 600mm rund LED interiør pendel varmhvid lys (3000kelvin) 90% farve index
(RA) 5000lm



Pos 4.
LED lysstriben danner en outline belysning på spejlende i prøverummene
varmhvid lys (3000kelvin)



Pos 5.
LED wallwasher belysning armaturet placeres sådan det belyser 3-5 ar de store
vægarealer og hed ved fremhæver den rå struktur på de pågældende vægge
hvid lys (4000kelvin)



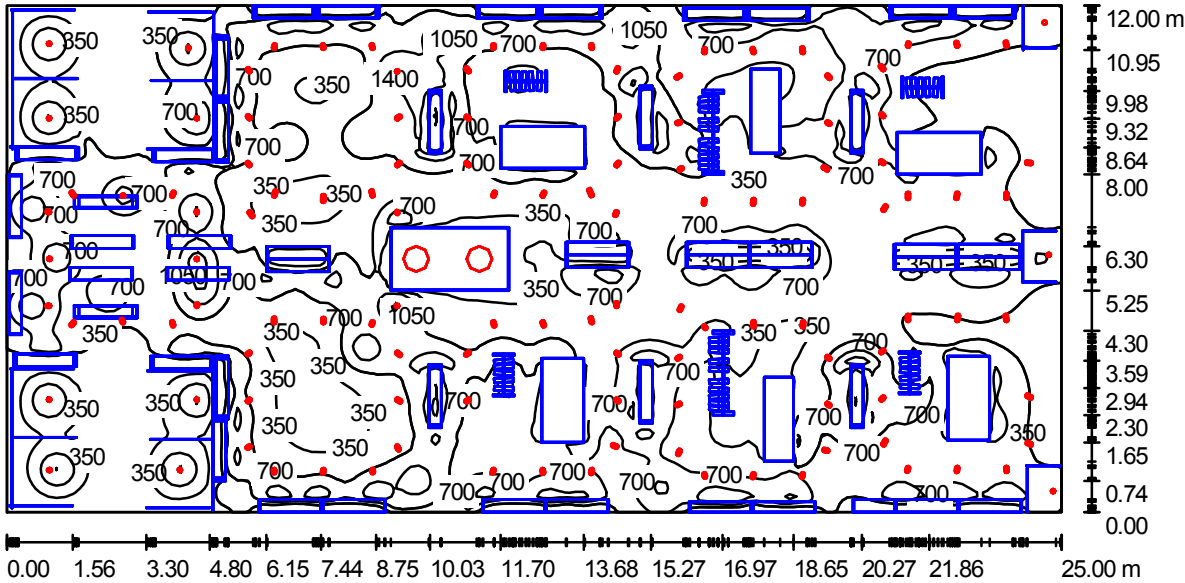
Styring: Teamtronic Response Design

For at få en varieret og belysning og udnytte state of the art teknologiske styringsteknikker, foreslår vi at benytte to forskellige spots forsynet med Teamtronic DMX styring. Således kan interiørets atmosfære ændres udtryk fra hvid og rent udtryk til et varmere og mere hyggeligt lys afhængig af behov. Som et helt nyt produkt tilbyder vi en dynamisk belysningsløsning der gør det muligt for gør det muligt at introducere en dynamisk belysning til butiksvindueerne og til baggrunds belysning. Belysnings vil blive programmeret af Lars Kjær fra Teamtronic.



E-mail: kjaer@teamtronic.dk

Butik / Sammenfatning



Rumhøjde: 4.000 m, Vedligeholdelsesfaktor: 0.85

Værdier i Lux, Målestok 1:179

Flade	ρ [%]	E _m [lx]	E _{min} [lx]	E _{max} [lx]	E _{min} / E _m
Belysningsstyrke	/	567	42	1687	0.073
Gulv	20	443	37	1264	0.084
Loft	70	142	50	192	0.352
Vægge (4)	50	148	32	2271	/

Belysningsstyrke:

Højde: 0.850 m
Beregningsnet: 128 x 128 Punkter
Randområde: 0.000 m

Armaturstykliste

Nr.	Antal	Betegnelse (Korrektionsfaktor)	Φ (Armatur) [lm]	Φ (Lamper) [lm]	P [W]
1	2	Teamtronic 077-75106 T-LED Round (1.000)	2403	5000	60.0
2	122	Teamtronic T-ZOME LED (Type 1)* (1.000)	2123	2500	35.0
*Ændrede tekniske data			Samlet: 263835	Samlet: 315000	4390.0

Specifik tilsluttet effekt: 14.63 W/m² = 2.58 W/m²/100 lx (Grundflade: 300.00 m²)



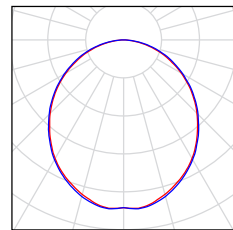
Butik / Styklister lygter

- 2 Antal

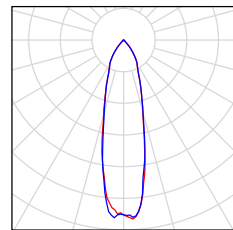
Teamtronic 077-75106 T-LED Round
Artikel-nr.: 077-75106
Lysstrøm (Armatur): 2403 lm
Lysstrøm (Lamper): 5000 lm
Effekt incl. fork.: 60.0 W
Armaturklassifikation iht. CIE: 100
CIE Flux-kode: 48 79 96 100 48
Udstyr: 1 x LM T-R 60 W (Korrektionsfaktor 1.000).
- 122 Antal

Teamtronic T-ZOME LED (Type 1)
Artikel-nr.:
Lysstrøm (Armatur): 2123 lm
Lysstrøm (Lamper): 2500 lm
Effekt incl. fork.: 35.0 W
Armaturklassifikation iht. CIE: 100
CIE Flux-kode: 98 100 100 100 86
Udstyr: 1 x Brugerdefineret (Korrektionsfaktor 1.000).

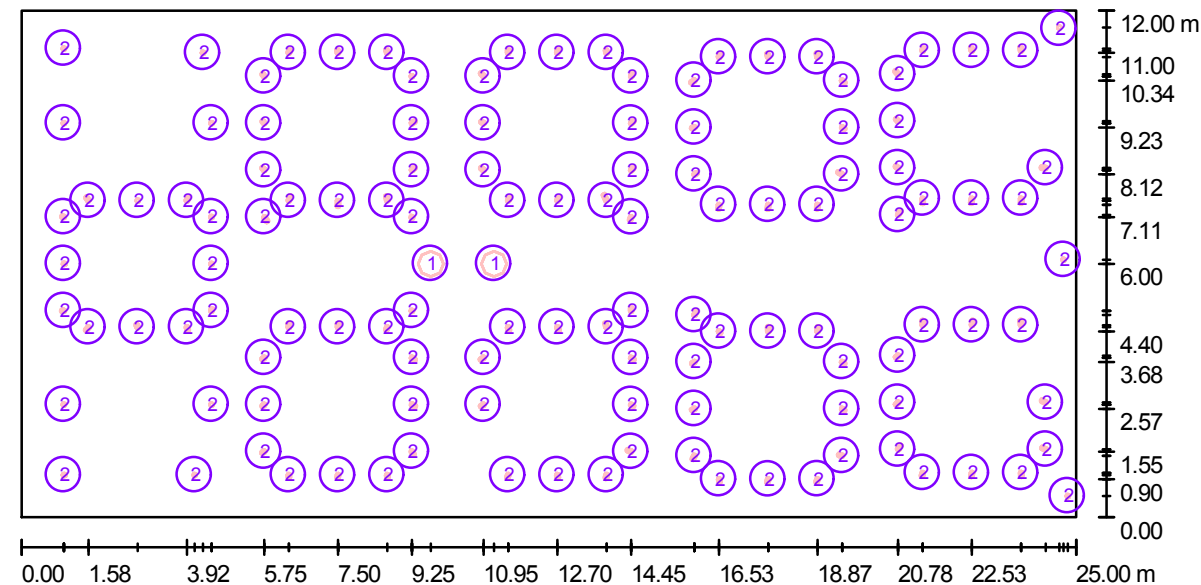
Se vores armaturkatalog for at finde et billede af armatur.



Se vores armaturkatalog for at finde et billede af armatur.



Butik / Lygter (plan over placering)



Målestok 1 : 179

Armaturstykliste

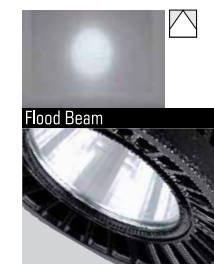
Nr.	Antal	Betegnelse
1	2	Teamtronic 077-75106 T-LED Round
2	122	Teamtronic T-ZOME LED (Type 1)*

*Ændrede tekniske data

I02 INTERCHANGEABLE OPTICAL SYSTEM

The innovative I02 Interchangeable Optical System consisting of 99.98% aluminium reflector (vauris versions for different lighting application requirement). With twist lock systems and tempered safety glass provides a concrete response to the need for lighting in a constantly evolving setting. The light distribution of a given lighting point can be transformed to adapt in to the new setting.

Choose the illumination that is right for your application.



Beregningen er baseret på følgende data

Timer pr år

Kwt pris

Udskiftning af lyskilder i Gl. spot

Tilbagebetalingstid i år

4.800 timer

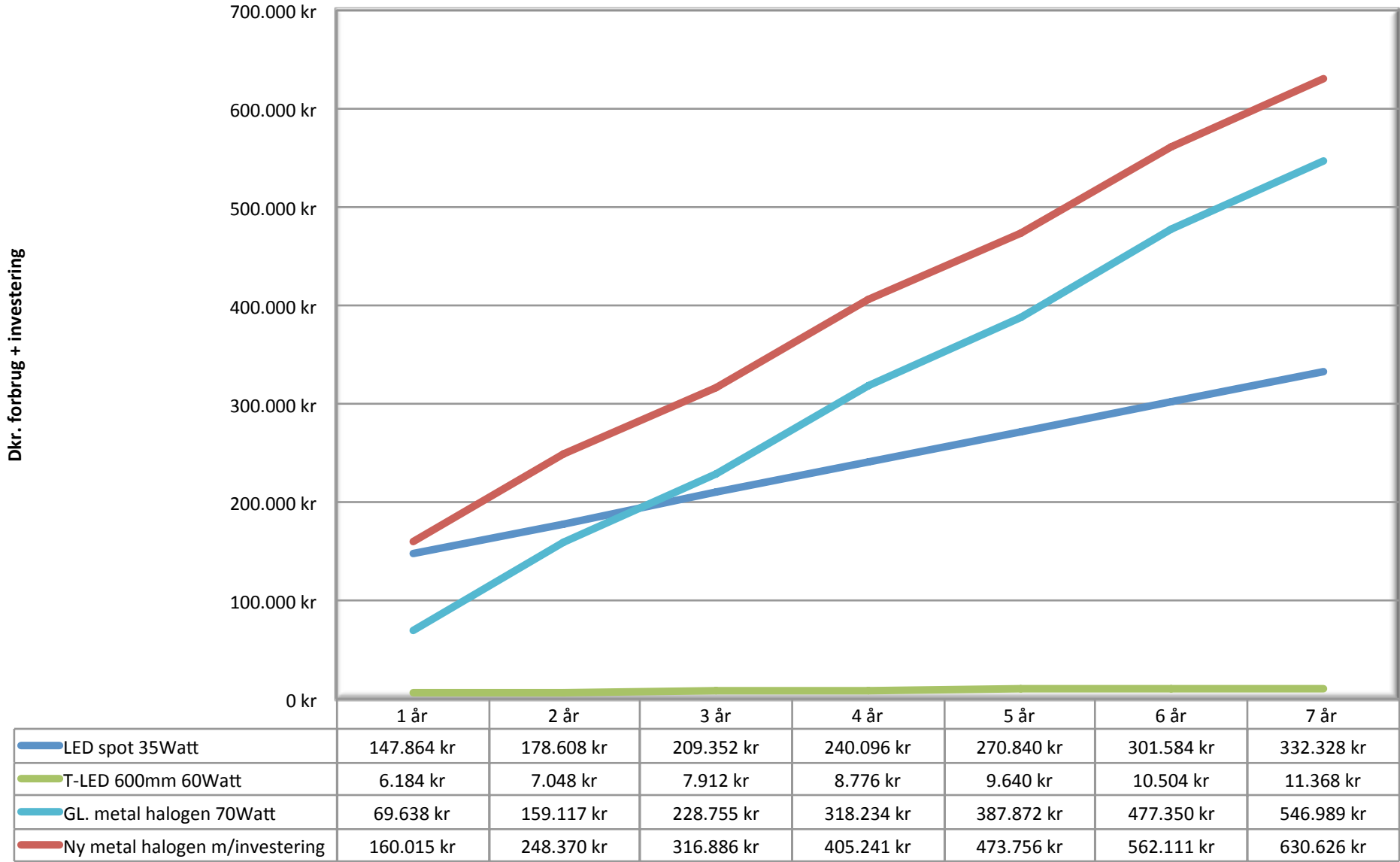
1,5,-

80,- pr udskiftning

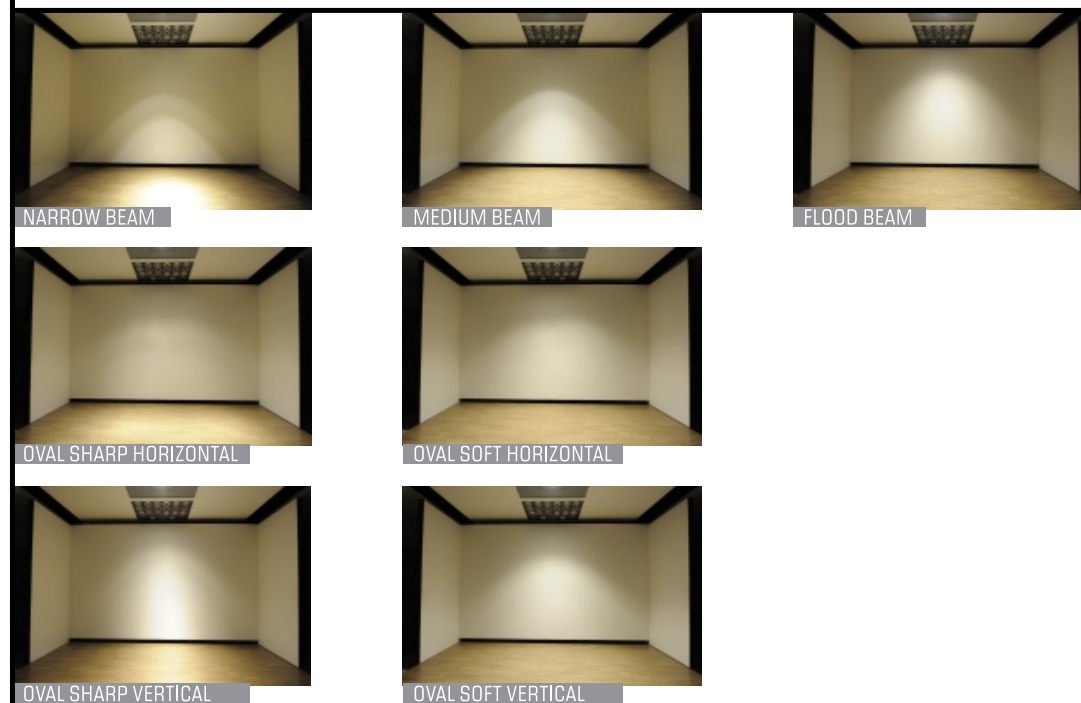
2,2



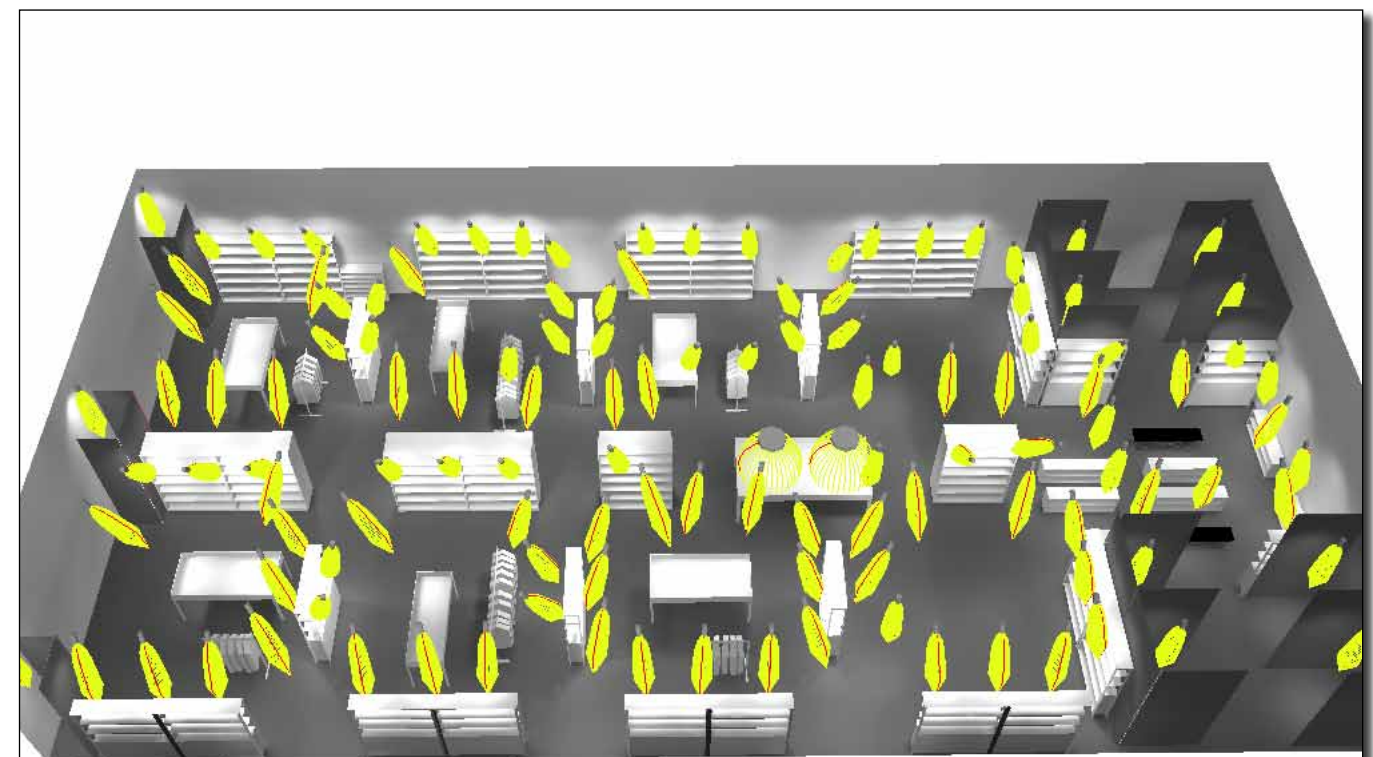
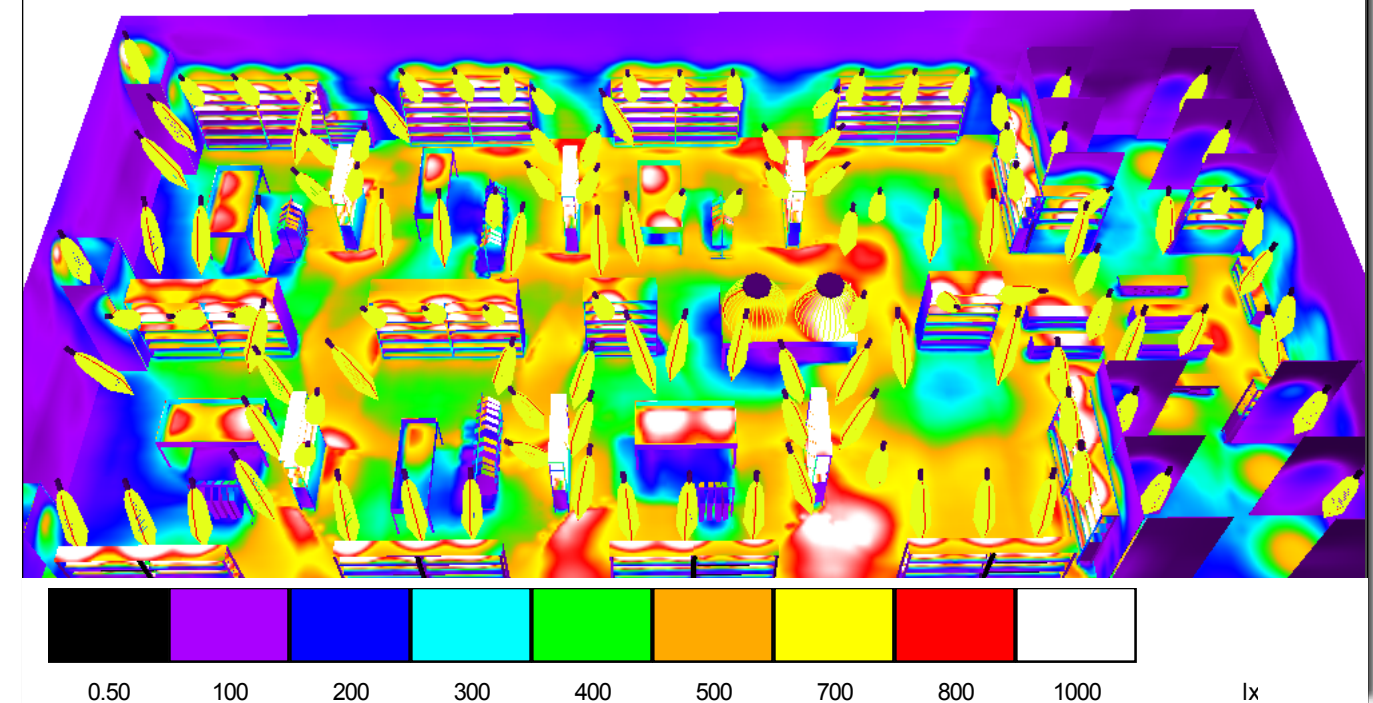
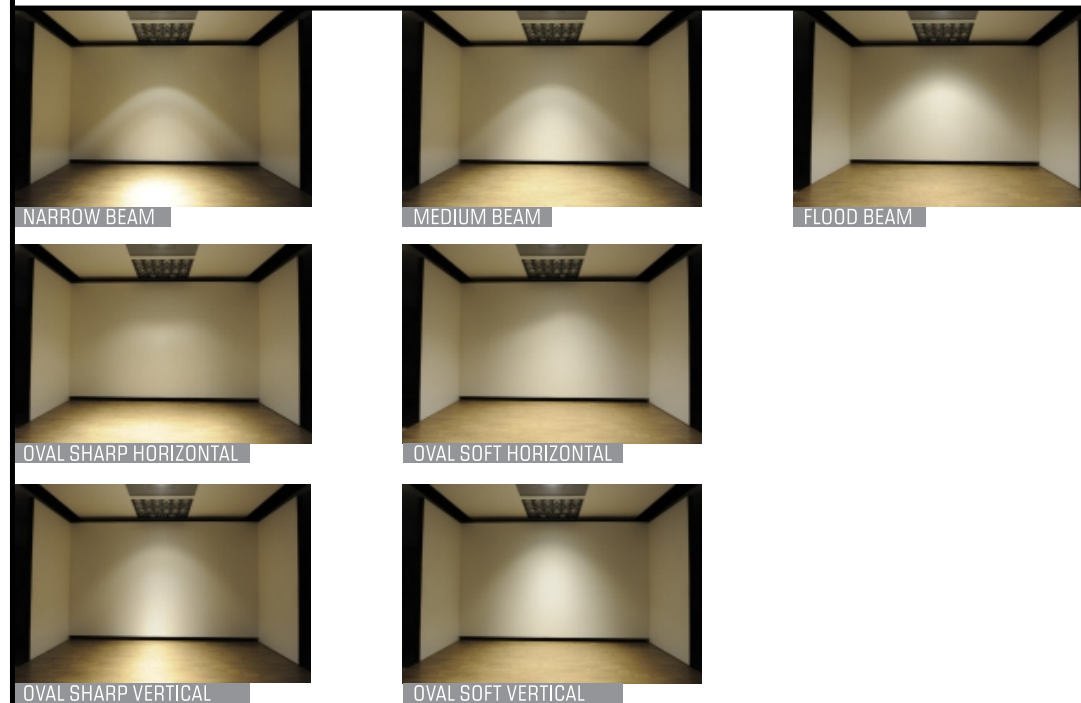
LED spot 35Watt	
Watt inkl forkobling	35
Antal lamper	122
pris	960,-
Total pris	117.120,-
T-LED 600mm 60Watt	
Watt inkl forkobling	60
Antal lamper	2
pris	2.660,-
Total pris	5.320,-
LED løsning	87.450,-
Gl. metal halogen 70Watt	
Watt inkl forkobling	78
Antal lamper	122
pris	0,-
Totalpris	0,-



IO2 INTERCHANGEABLE OPTICAL SYSTEM TRUE LIGHT EFFECTS FROM MEDIUM SIZE IO2 SYSTEM

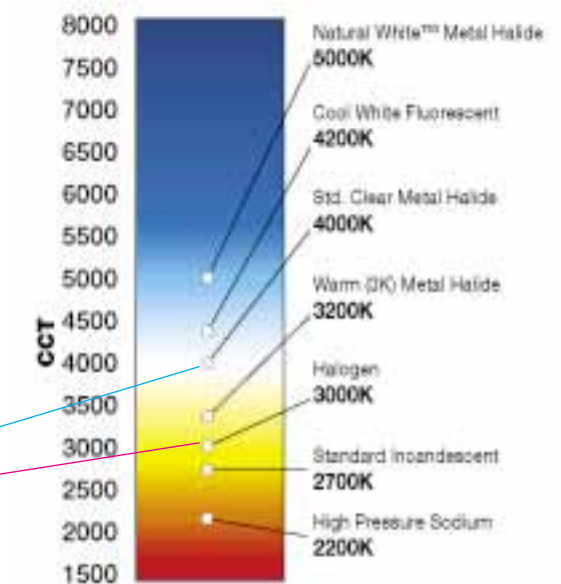


IO2 INTERCHANGEABLE OPTICAL SYSTEM TRUE LIGHT EFFECTS FROM LARGE SIZE IO2 SYSTEM



Farvetemperatur og farve kvalitet RA

Series	CLL010	CLL020	CLL030	CLL040	CLL050
Type	CLL010-0305A1	CLL020-1202A1 CLL020-1203A1 CLL020-1204A1	CLL030-1205A1 CLL030-1206A1 CLL030-1208A1 CLL030-1212A1	CLL040-1218A1 CLL040-1818A1	CLL050-1825A1
Shape					
Size (mm)	9.5 x 9.5 x 1.4	13.5 x 13.5 x 1.4	19.0 x 19.0 x 1.4	28.0 x 28.0 x 1.4	38.0 x 38.0 x 1.4
Color lineup	● Ultra high color rendering type(Ra90) : 2,700K , 3,000K , 3,500K , 4,000K ● High color rendering type(Ra80) : 2,700K , 3,000K , 3,500K , 4,000K , 5,000K (MacAdam 3-Step) ● High efficacy type(Ra65) : 5,000K				
specification list & Data Sheet	2,700K Ra90 2,700K Ra80 5,000K Ra65 3,000K Ra90 3,000K Ra80 3,500K Ra90 3,500K Ra80 4,000K Ra90 New! 4,000K Ra80 5,000K Ra80				
Thermal Management					
Optical Simulation	 CLL010 rayset	 CLL020 rayset	 CLL030 rayset	 CLL040 rayset	 CLL050 rayset

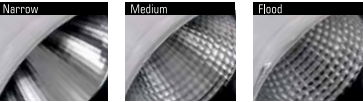


Pos. 1

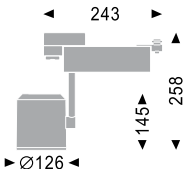


ZAGA COB LED

Body: Die-Casting Aluminium
Safety Cover: Clear tempered glass
Reflector: 99.98% pure anodized aluminium
Adaptor: 3-Circuit Universal Type
Built in type electronic driver
Weight: 1.4kg
Applicable driver sold separately



ISS INTERCHANGEABLE SOCKET SYSTEM IO2 INTERCHANGEABLE OPTICAL SYSTEM



Pos. 2

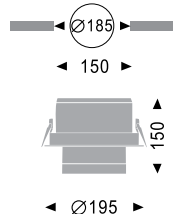


ZAGA COB LED

Trim : Die-cast aluminium
Body : Die-cast aluminium
Housing : 0.8mm steel, matt black paint
Safety Cover: Clear tempered glass
Reflector : 99.98% pure anodised aluminium
Weight: 1.46kg
Applicable driver sold separately



ISS INTERCHANGEABLE SOCKET SYSTEM IO2 INTERCHANGEABLE OPTICAL SYSTEM



CITIZEN

CITIZEN LED CLL030 3000Lm MAX

	ORDERING CODE	LED MODULES	DRIVER MODEL	DRIVER SPECIFICATION		
				[mA]	[V]	[W]
Narrow	TZOL1220-W/B/S + XXX	XXX	XXX	1050	38	40
Medium	TZOL1221-W/B/S + XXX	XXX	XXX	1050	38	40
Flood	TZOL1222-W/B/S + XXX	XXX	XXX	1050	38	40

White Black Silver

CITIZEN

CITIZEN LED CLL030 3000Lm MAX

	ORDERING CODE	LED MODULES	DRIVER MODEL	DRIVER SPECIFICATION		
				[mA]	[V]	[W]
Narrow	COL1920-W/B/S + XXX	XXX	XXX	1050	38	40
Medium	COL1921-W/B/S + XXX	XXX	XXX	1050	38	40
Flood	COL1922-W/B/S + XXX	XXX	XXX	1050	38	40

White Black Silver

SHARP

SHARP LED DMD 3000Lm MAX

	ORDERING CODE	LED MODULES	DRIVER MODEL	DRIVER SPECIFICATION		
				[mA]	[V]	[W]
Narrow	COL1930-W/B/S + XXX	XXX	XXX	1050	38	40
Medium	COL1931-W/B/S + XXX	XXX	XXX	1050	38	40
Flood	COL1932-W/B/S + XXX	XXX	XXX	1050	38	40

White Black Silver



99.98% Aluminium 12°



99.98% Aluminium 25°



99.98% Aluminium 40°

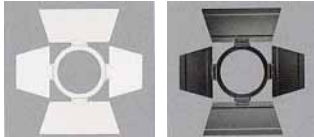


99.98% Aluminium 60°

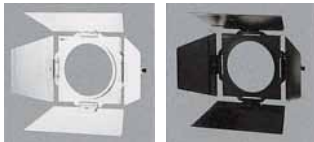


High-efficiency aluminium reflector
By anodizing 99.98% pure aluminium, achieved a high reflection ratio. By raising the efficiency of the light, we can reduce the number of fixtures while keeping the same luminance, contributing to both lowering costs and saving energy.

Barn Doors Smal Size



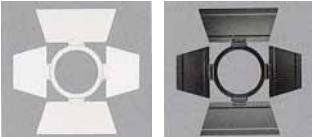
RBM66W RBM66B



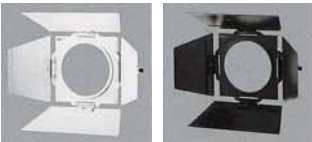
BM66W BM66B



Barn Doors Medium Size



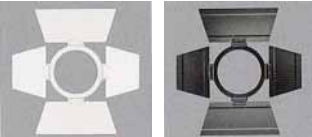
RBM88W RBM88B



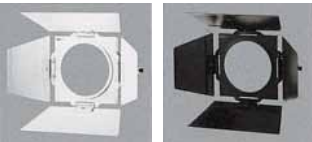
BM88W BM88B



Barn Doors Large Size



RBM113W RBM113B



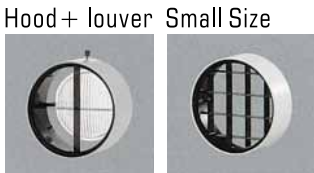
BM113W BM113B



Hood Small Size



HOOD66W HOOD66B



HX66W HX66B HX66S HDX66W HDX66B HDX66S

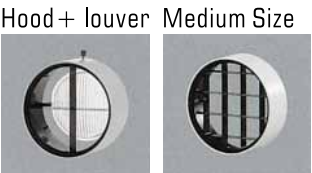


Wall Washer Hood WWH66W WWH66B WWH66S

Hood Medium Size



HOOD88W HOOD88B



HX88W HX88B HX88S HDX88W HDX88B HDX88S

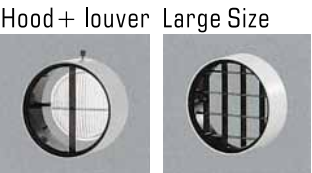


Wall Washer Hood WWH88W WWH88B WWH88S

Hood Large Size



RBM113W RBM113B



HX113W HX113B HX113S HDX113W HDX113B HDX113S



Wall Washer Hood WWH113W WWH113B WWH113S

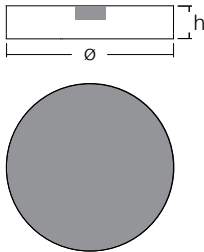
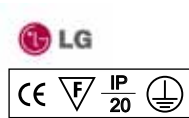
Pos. 3



T-LED ROUND



- Body
- Anodised extruded aluminium profile
 - Aluminium profile finished in epoxy powder
- Optical system
- Opal PMMA diffuser
 - Microprismatic optical system
- LIGHT SOURCE
- LED



LUMINAIRE CODE	SYSTEM Watt/lm	COLOUR	DIMENSIONS ø/h (mm)	DIMMER on/off-dali-0,10
T-LED-X-400-X	35 / 3150		400 / 70	NO-DI-D0
T-LED-X-600-X	60 / 5400		600 / 70	NO-DI-D0
T-LED-X-900-X	90 / 7650		900 / 70	NO-DI-D0

*Option kelvin chances

- Suspended
- Surface
- Wall mounted

How to specify:
A round suspended, surface, wall mounted direct LED luminaire, ø400x70mm, ø600x70mm, extruded aluminium body. Opal diffuser from acrylic PMMA to ensure a uniform illuminated surface. Complete with electronic driver, 1-10V dimming or DALI/SwitchDim. Integrated Winsta socket. Supplied with 3000K-4000Kelvin LED.As Teamtronic T-LED V round



Pos. 4



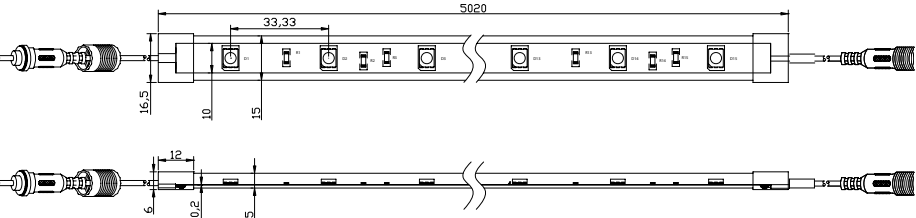
TRINIDADBEACH

WATERPROOF AND NON-WATERPROOF SERIES

The TRINIDAD series is a linear separable LED strip on flexible printed circuit board with self-adhesive back. Each unit of 3 LEDs may be cut into regular segments without damaging the remaining ribbon. Can be used for edge-lighting of transparent or diffused materials, path & contour marking and illuminated signs.

Part number	Color	LED QTY /reel	Luminous Flux (lm)		Viewing Angle 2 □ 1/2	Voltage (DC)	Current (A) /reel	Packing
			Min.	Typ.				
5704059000596	WW (WP)	150	1350		100	12	3,0	5meters/reel
5704059000008	WW	300	420	530	120	12	1,7	5meters/reel
5704059000015	CW	300	420	530	120	12	1,7	5meters/reel
5704059000022	PW	300	420	530	120	12	1,7	5meters/reel
5704059000855	Blue	300	145	180	120	12	1,7	5meters/reel
5704059000831	Red	300	220	270	120	12	1,7	5meters/reel
5704059000848	Green	300	380	480	120	12	1,7	5meters/reel
5704059000046	RGB	150	110	135	100	12	3,0	5meters/reel
5704059000039	HIGH BRIGHT PW	390	190	240	120	12	6,5	5meters/reel
5704059000572	HIGH BRIGHT WW	390	190	240	120	12	6,5	5meters/reel

WW=Warm White, CW=Cold White, PW=Pure White, WP=Waterproof.
Please also note that average lifetime for above LED's is approximately 50.000 Hours at 25 degrees C.



Part number: 5704059000596



Pos. 5



T-LED WALL WASHER



Body

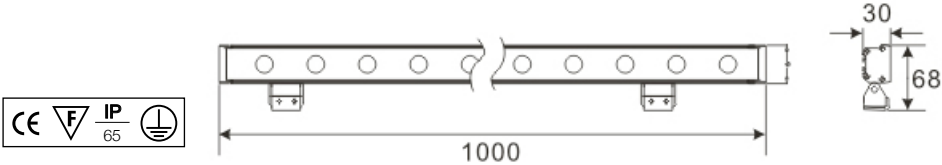
Anodised extruded aluminium profile
Aluminium profile finished in epoxy powder

Optical system

Opal PMMA lens
Microprismatic optical system

LIGHT SOURCE

LED





LUMINAIRE CODE	SYSTEM Watt/lm	COLOUR	DIMENSIONS ø/h (mm)	DIMMER on/off-dali-0,10
HL-I02501	18 / 3150		30/68/1000	NO-DI-D0

*Option kelvin chances

- 
Suspended
- 
Surface
- 
Wall mounted

High-performance linear grazing light to create color-changing effects and seamless ‘curtains’ of light
New white color variations from cool to warm white are ideal for enhancing buildings, facades and architectural details.
Linear forms complement geometry of the architecture and transform light into objects



DMX512 Decoder TT-2102B

- DMX512 compliant control interface, Can set the DMX address freely.
- And show address Via digital numeric display.
- Three-channel / Four-channel output selectable, Max. 5A or 8A per channel (SR-210X Constant voltage series) , 350mA or 700mA (SR-211X Constant current series).
- Three types available (Constant voltage, Constant current), suitable for different LED lamps.
- To work with power repeater to expand output unlimitedly.



LUMINAIRE CODE	INPUT	COLOR	DIMENSIONS ø/h (mm)	OUTPUT
TT-2102B	12-36VDC		46/178/18	3/4x(60-180W) Constant voltage
TT-2102BEA	12-36VDC		58/168/28	3/4x(96-288W) Constant voltage
TT-2112B	12-36VDC		46/178/18	3/4x(4.2-12.6W) Constant voltage
TT-2114B	12-36VDC		46/178/18	3/4x(8.4-25.2W) Constant voltage

How to specify:
Three-channel / Four-channel output
selectable, Max. 5A or 8A per channel (TT-
210X Constant voltage series) , 350mA or
700mA (TT-211X Constant current series).

