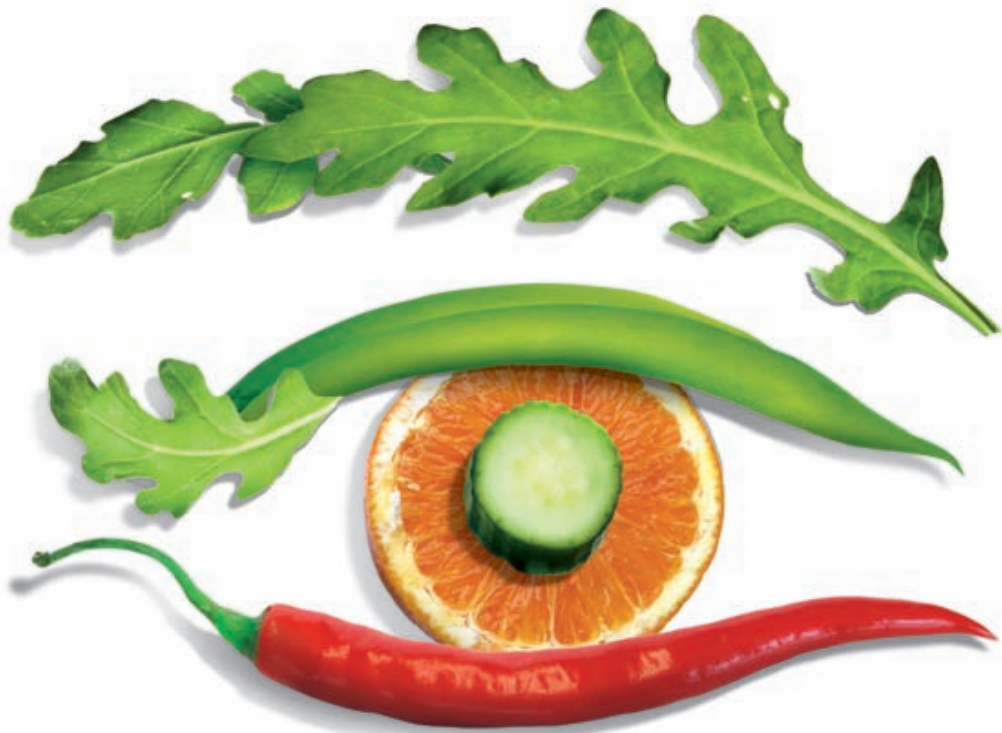


OPTAGON TARGETTI



shopping like you've never seen before

OPTAGON



Retail lighting



The best Light for buyers and sellers

Designed according to the specific exigencies of supermarkets and megastores a complete new range of LED lighting fixtures is born.



Buying under the right light

Each fixture of the TARGETTI OPTAGON line is a smart solution able to assist in the purchasing process with the highest guarantee: that of perceiving the meat, seafood, cheese, bread, fruits and vegetables exactly as they are. All of this thanks to their extraordinary colour-rendering capabilities, achieved by mixing art microchip LED lights with extreme precision and skilful simplicity.



Light only where needed

All the fixtures of the TARGETTI OPTAGON line are equipped with an optical system conceived to direct the light only where it is required according to the distinguishing features of each food counter. The precise control of the beams of light allows for the displayed merchandise to be illuminated in an exclusive manner, providing customers with maximum visual comfort thus avoiding any glaring effect.



Just “good” light

Thanks to the skilled mix of new generation micro LED with different chromatic features, OPTAGON only emits light within the visible spectrum, thereby drastically reducing both infrared, as well as ultraviolet, radiations. The displayed merchandise will not be affected by heat or harmful light rays (UV), and the preservation of fresh foods is naturally improved



Certified light

No surprises after installation: at the end of the production cycle, each OPTAGON fixture is subjected to rigorous testing in order to certify both its emissions in terms of photometrics and its performance in terms of chromatics, thereby ensuring a perfect match between lighting design and effective visual performance.



Forget about maintenance

OPTAGON fixtures require practically no maintenance. Installing them within your sales point allows for any costs linked to subsequent maintenance interventions to be completely avoided. The potential of the light sources is maximised through the use of selected first choice LEDs and through the adoption of effective thermal management solutions, thereby preventing any eventual reductions in efficiency and guaranteeing a minimum LED working life of 50,000 hours. The user can completely forget about maintenance for 10 years(*).



Functional design

The essentiality of the OPTAGON design, together with the exceptional formal coherence which distinguish its various versions, are targeted at integrating various applicative solutions within a single lighting project. OPTAGON suspension, projector and recessed versions can therefore be employed coherently within the same retail environment.

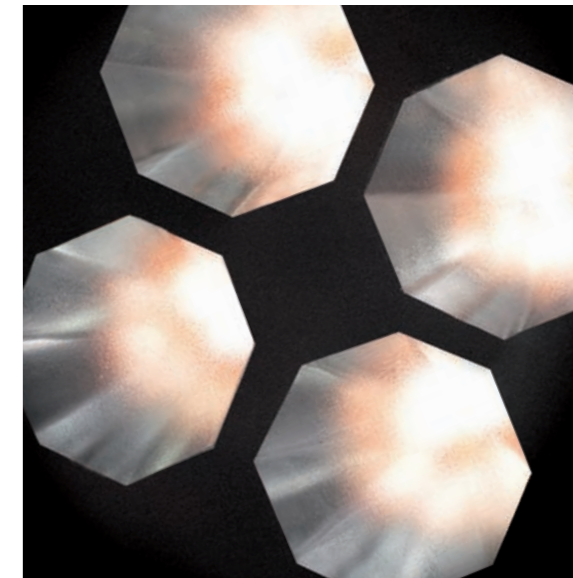
(*) a single daily activation for 14 hours a day, 350 days per year.



OPTAGON
enhances quality

Patented optics

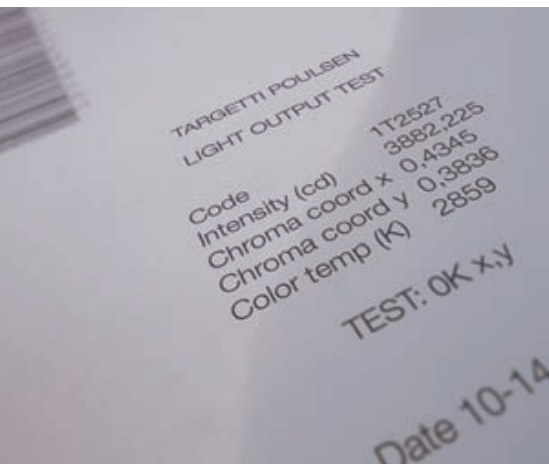
OPTAGON's optics have been designed according to the specific requirements of fresh foods display counters, which are normally used in large-scale distribution environments. Their innovative patented octagonal configuration allows for the light emitted by 16 micro LEDs, each one characterised by a specific colour emission, to be harnessed in a single "virtual focus". The resulting light obtained is thereby properly concentrated and perfectly mixed for the entire length of the emitted beam, preventing any undesirable chromatic aberration effects typical of normal LED lighting fixtures. Both the profile and depth of the OPTAGON optical system, together with the use of a dedicated holographic filter, guarantee the necessary cut-off, thereby ensuring a complete control over the glaring effect which is typical of traditional focused-source and LED fixtures.



LED and LED CTC technology



The 16 new generation LEDs, included in the patented OPTAGON optic system, can have various chromatic characteristics, thereby guaranteeing maximum results in terms of total chromatic quality. The light emission remains within the visible spectrum, with a drastic reduction in the emissions of infrareds (IR) and ultraviolets (UV), and with a perfect mix of final chromatic characteristics based on the specific merchandise sector for which they are employed.



Certified results

Once installed, the results promised by OPTAGON fixtures meet all the expectations. The perfect coherence between the fixture's programmed lighting and the resulting luminous effect is, in fact, one of the other key values offered by these fittings, each of which is factory tested at the end of its production cycle and furnished with a test report which certifies the intensity of its photometric emissions as well as its chromatic characteristics.



UV-IR free

Absence of heating perception; a significant extension of product shelf life with optimal natural preservation of fresh foods: these are the advantages guaranteed by OPTAGON light fixtures as they all have a single factor in common: they only emit the necessary light by concentrating the light emissions exclusively within the visible spectrum. Ultraviolet (UV) and infrared (IR) rays, which are harmful to the preservation of merchandise and fresh foods, are practically eliminated.

No maintenance

In all OPTAGON fixtures, the junction temperature of the LEDs is maintained within optimal values thanks to the use of an integrated forced-air heat-dissipation system. The careful management of light source heat emissions guarantees maximum reliability, efficiency and durability for these units: 50,000 hours minimum guaranteed (equal to an operating life of 10 years). And the costs for necessary maintenance interventions are drastically reduced.



Excellent chromatic rendering

Every material has a physical consistency and chromatic frequency that light tones can either emphasise or diminish. Good results are essentially linked to the light's spectral composition and, consequently, to its colour temperature. In order to calibrate it in a precise yet balanced manner, and to better define the specific identity of each category of merchandise, nothing works better than new generation microchip LED technology. Thanks to its use, as well as to the possibility of combining different coloured LEDs, OPTAGON fixtures emit light with a spectral composition which is rich in every wave length, therefore able to faithfully return colours in high-definition. The various intensity modulations of the multi-coloured LEDs correspond to an equal number of versions, each with light emissions of a different colour temperature. Aside from the two standard versions (warm light at 3000K and neutral light at 4200K), there are also available versions which are capable of emitting light in 4 different colour temperatures, each for a specific category of fresh food products. The most suitable colour temperature can easily be selected by means of a commuter switch hidden on the device's body, for the spot-light and suspended versions, and by means of simple dip switches for the recessed versions.

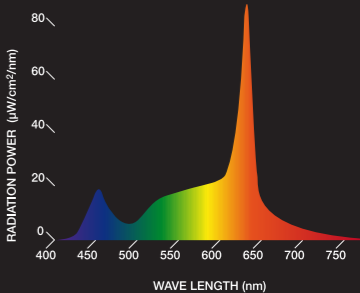


A natural temptation

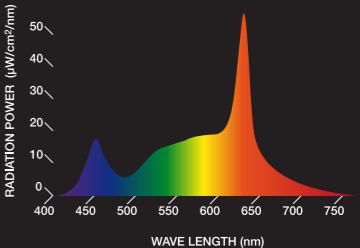
The purchasing process is strongly influenced by the customer's perception of the merchandise on display. For example, fresh fish must appear as such, fresh-baked bread products must be able to transmit their warmth and the colours of freshly cut meat products must come through in all of their freshness. OPTAGON CTC versions are equipped with a 4-point switch, which allows the user to select the hue of the light depending on the application and the merchandise sector in which it is employed. The chromatically-perfect light emitted by OPTAGON fixtures allows for the colours of each product to be rendered in the best possible manner, thereby enhancing the characteristics of the products for sale and naturally highlighting all of the quality that the customer expects.



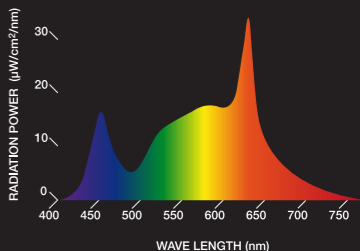
meats, fruits, vegetables
2640K



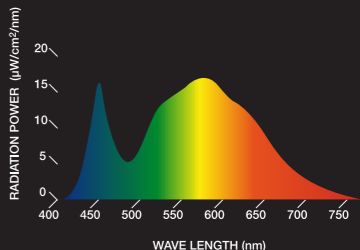
bread
3000K



wine
3400K



seafood
3800K



OPTAGON

A unique design for every application

Suspension, projector and recessed: OPTAGON light fixtures are able to satisfy any application requirement. Their exceptional usage versatility is enhanced by the strong formal coherence that distinguishes the entire range of these fittings, highlighting the spaces in which they are installed with their essential design.



Superstore Coop – Desio (MI) Italy. Lighting Design: INRES. Courtesy Coop Lombardia.



Superstore Coop – Desio (MI) Italy. Lighting Design: INRES. Courtesy Coop Lombardia.

OPTAGON



LED PROJECTOR

A professional track-mounted projector, capable of guaranteeing high-quality lighting effects, thanks to the superior value of its choice LEDs and, above all, to its patented optical system. Precise and reliable aiming, thanks to its double graduated ring nut, which provides for accurate alignment and aim-locking.

Technical data - page 18



OPTAGON

LED SUSPENSION

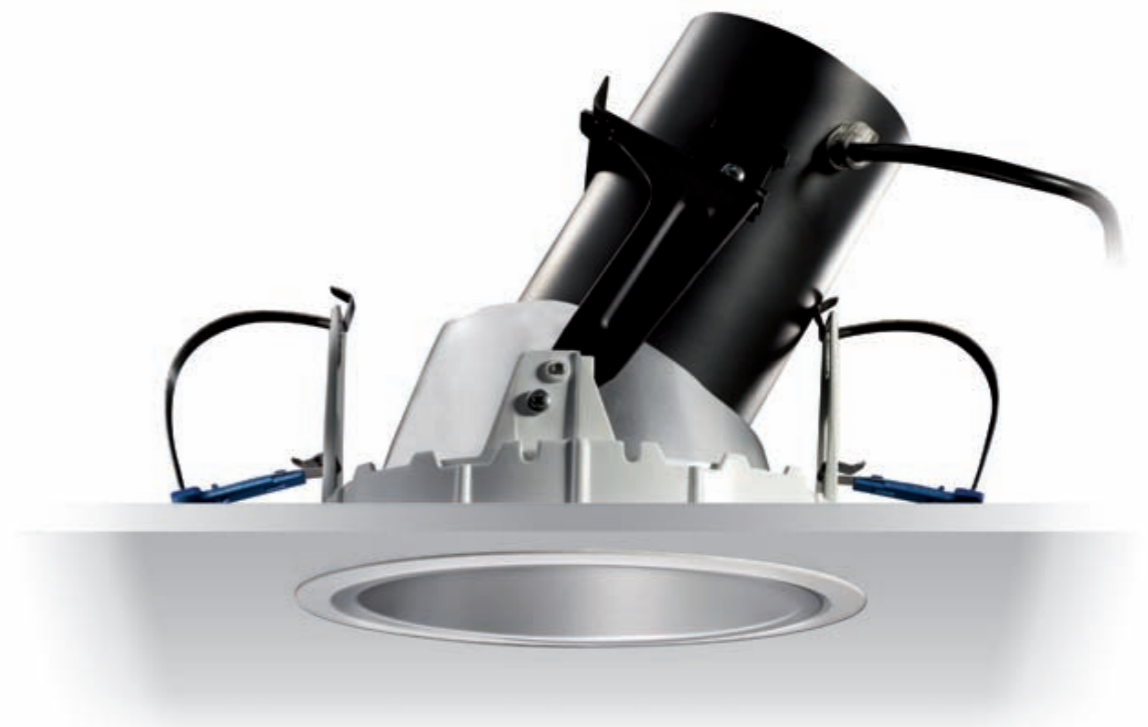
A track-mounted LED suspension fixture which expands the functional possibilities of the OPTAGON series. The precision of a professional projector declined with the light-weight and versatility of a suspended fixture. The effect is targeted and precise, capable of exalting the forms and colour qualities of the illuminated objects.

Technical data - page 19





OPTAGON



RECESSED LED PROJECTOR

LED technology combined with the advanced optical characteristics of recessed series reflectors, perfectly calibrated for these types of light sources. DMX CTC technology version (Colour Temperature Control) for dynamical managing of lighting temperature.

Technical data – page 19

OPTAGON

LED 42W

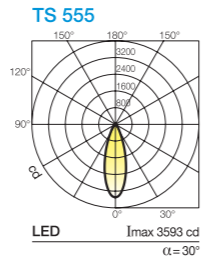
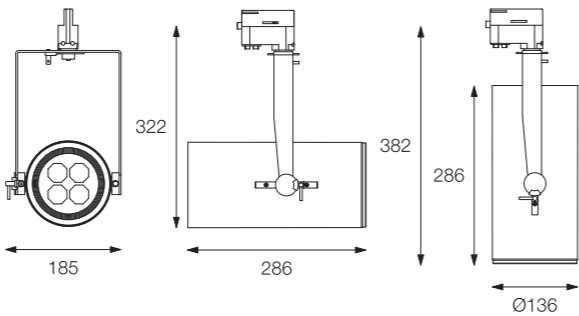
PROJECTOR

Addressable LED Projector. Body in titanium grey colour painted aluminium, antiglare ring in Ryton. Carrier elements in cast aluminium, painted titanium grey. Adjustability 0° to -90° on the vertical axis and 359° horizontally. Double shaft rotation and locking of the aiming. Transparent power supply cable. Microchip power LED with patented optic system complete with holographic filter with emissions in warm white, neutral white or with 4 temperatures preset colour. "Ultra silent" forced ventilation.



Optic	Colour		Code
FL	warm white	TS 555	1T2511
FL	neutral white	TS 555	1T2512
FL	white (4 temperatures)	TS 555	1T2513

Warm white and neutral white versions completed with electronic power supply 220-240V 50/60 Hz.
Four preset colour temperature version complete with driver 220-240V 50/60 Hz.



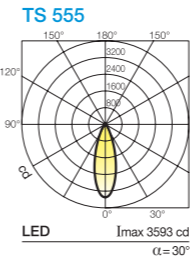
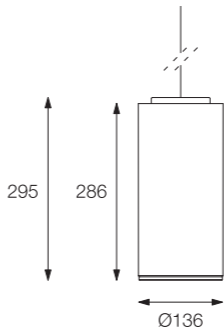
SUSPENSION

LED track suspension. Body titanium grey coloured painted aluminium antiglare ring in Ryton. Steel suspension cable with fixing elements in transparent cast aluminium length 2000 mm complete with adapter track. Auto-Block System ABS micrometer adjustment system. Microchip power LED with patented optic system complete with holographic filter with emissions in warm white, neutral white or with 4 temperatures preset colour. "Ultra silent" forced ventilation.



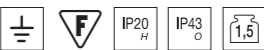
Optic	Colour		Code
FL	warm white	TS 555	1T2507
FL	neutral white	TS 555	1T2508
FL	white (4 temperatures)	TS 555	1T2509

Warm white and neutral white versions completed with electronic power supply 220-240V 50/60 Hz.
Four preset colour temperature version complete with driver 220-240V 50/60 Hz.



RECESSED

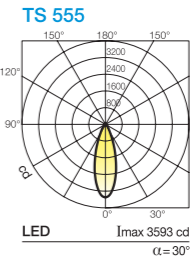
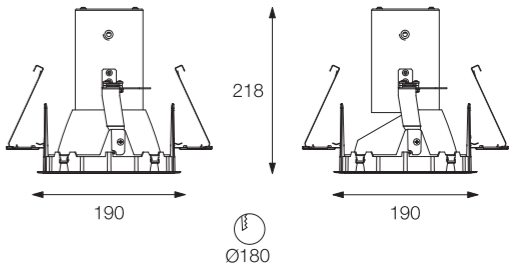
Recessed fixed and adjustable LED projector. Body in anodized aluminium. Visible ring in white die cast aluminium. Microchip power LED with patented optic system complete with holographic filter with emissions in warm white, neutral white or with CTC Technology (Colour Temperature Control) DMX system for management of shades of light. Lower antiglare reflector in satin finish aluminium. Adjustability in the horizontal axis of 355° and 30° on the vertical, through friction. "Ultra silent" forced ventilation.



FIXED			
Optic	Colour		Code
FL	warm white	TS 555	1T2515
FL	neutral white	TS 555	1T2516
FL	CTC	TS 555	1T2517

ADJUSTABLE			
Optica	Colour		Code
FL	warm white	TS 555	1T2521
FL	neutral white	TS 555	1T2522
FL	CTC	TS 555	1T2523

Warm white and neutral white versions completed with electronic power supply 220-240V 50/60 Hz with "Easy Dimm". Version with CTC Technology completed with DMX driver with 4 preset color temperatures 220-240V 50/60 Hz.





Superstore Coop – Desio (MI) Italy. Lighting Design: INRES. Courtesy Coop Lombardia.

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Certificated ISO 9001 n° 9130. TAR1

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