

GARDLER®

Retail Store Lighting

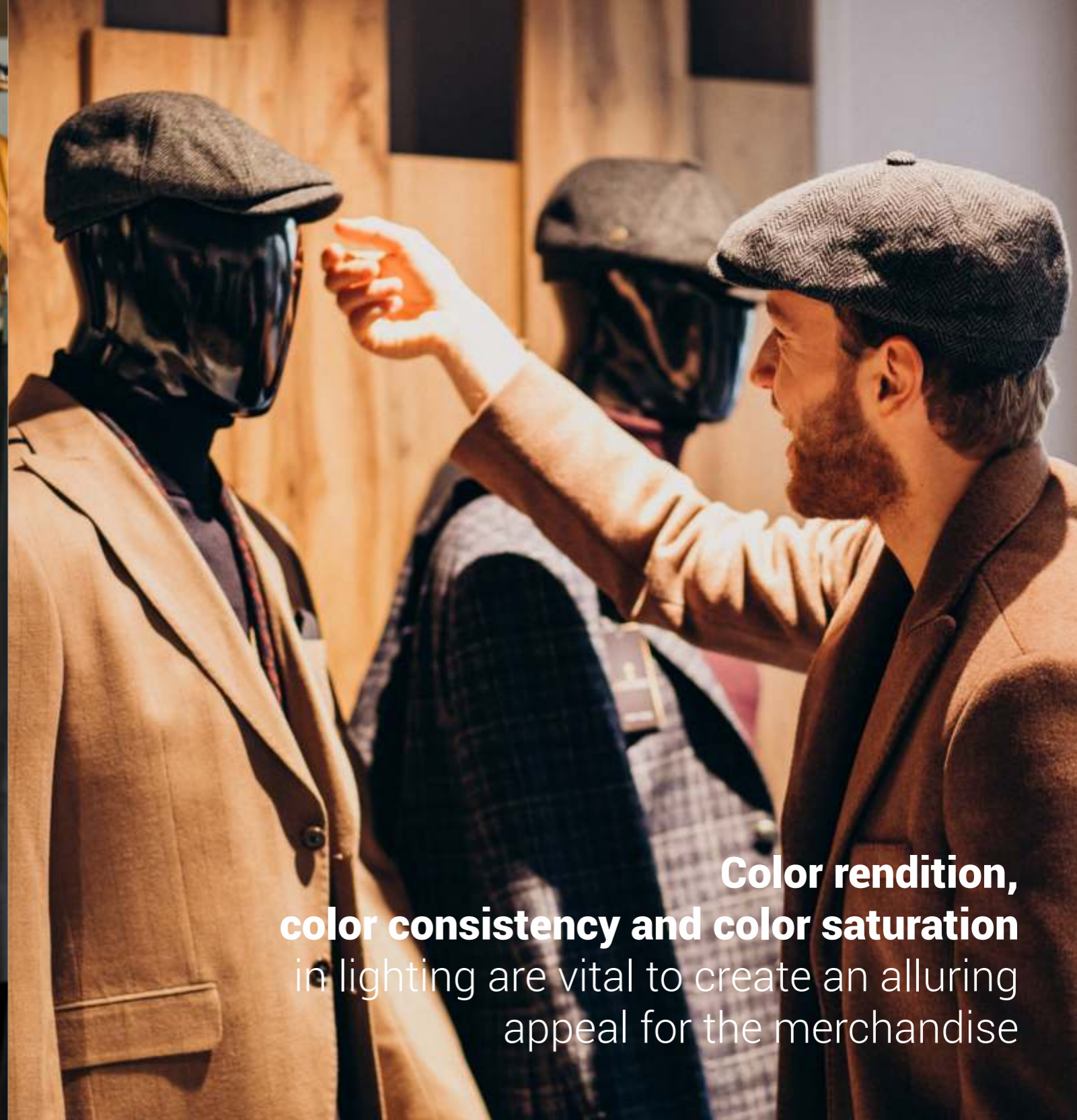
SpectraWhite 
series

Lighting
that brings out the
colors alive

a new technology for fashion store lighting...



“...with **SpectraWhite**, white is amazingly white and colors are astonishingly vivid...”



Color rendition, color consistency and color saturation in lighting are vital to create an alluring appeal for the merchandise

The illumination of the merchandise in a fashion store is so crucial in making the products look more appealing and creating an ultimate shopping experience for the customers.

The new Spectrawhite range of LED lighting from Gardler elevates the product allure to the ultimate level and evokes the desire to shop. A combination of top-notch lighting quality, excellent light distribution and extraordinary efficacy is what makes Gardler SpectraWhite luminaires deliver a never-seen-before illumination and results.

SpectraWhite luminaires integrate COB-LED specifically created for special applications where the lighting brings alive the wide colour spectrum and shows the merchandise in their most natural colours and vibrancy.

Create a unique **Lighting Experience**



K. Sridharan
Director Technology
Gardler Lighting India

“...With **SpectraWhite luminaires**, we take LED light quality to an exceptional level that offers never-seen-before rendering of whites and colours through a technological advancement in the LED field. The product delivers a tuned colour spectrum that significantly enhances red and simultaneously shows white in a clear, crisp and fresh manner. The result is an astonishing contrast between the two ends of the colour spectrum that create an unmistakable appeal of the products on display.

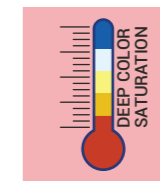
We strongly recommend fashion stores to consider SpectraWhite...”



The higher the CRI, the better the artificial light source is at rendering colors accurately. The lower the CRI value, the more unnatural colors appear when illuminated by the light source.

SpectraWhite Advantage

SpectraWhite luminaires use advanced technology COB that delivers a CRI of 93 and higher. This ensures the colours of the merchandise are rendered accurately.. vivid and natural..



Color saturate bandwidth of light from a source. The term hue refers to the intensity of color of a product or an item.. In technical terms, it is the expression of this to the color of the product or item itself, while saturation describes the intensity (purity) of that hue.

SpectraWhite Advantage

LED COB used in SpectraWhite Luminaires have a high intensity of colour saturation across colourspectrum, which helps the light output quality is so well-defined on all colour shades.



Color consistency refers to the average amount of variation in chromaticity among a batch of supposedly identical lamp samples. ... To limit this variation, the lighting industry uses a color consistency system based on MacAdam ellipses (Wyszecki and Stiles 1982).

SpectraWhite Advantage

The COB in SpectraWhite is chosen from a very close binning of MacAdam 3. This ensures the colour consistency in all the luminaires supplies is all uniform and has no variance at all.



Warm White has a warm glow with a slightly yellow tint producing a similar light to that produced by halogen bulbs. Natural white is a little cleaner in appearance with just a hint of warmth. Cool white produces a light similar to daylight, with a slightly blue tint.

Pure White is a plain white without any warm tint.

SpectraWhite Advantage

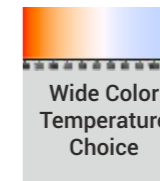
Thanks to the technology available in the COB, the whites are brought out in their absolute natural tone .. ie crisp, pure and fresh. So that the white portions in the merchandize are shown in their natural splendor.



Color saturation refers to the intensity of color in an image. In technical terms, it is the expression of the bandwidth of light from a source. The term hue refers to the color of the image itself, while saturation describes the intensity (purity) of that hue.

SpectraWhite Advantage

Our luminaires carry a specific LED COB that is developed specially for detailing the red colour, while it also delivers superior standards in R1 to R8.. The result is every single colour of the merchandise is dazzlingly reproduced.



The three primary types of color temperature for light bulbs are : Warm White (2700K – 3000K), Bright White/Cool White (3500K – 4100K), and Daylight (5000K – 6500K). The higher the Degrees Kelvin, the whiter the color temperature.

SpectraWhite Advantage

SpectraWhite luminaires offer the most extensive colour temperature choices across the range.. and meet even the most stringent CCT requirements for a specific application or an area of display.



SpectraWhite offers the ultimate combination fashion industry is looking for - a perfect balance with high color rendition and natural whites.

SpectraWhite simply revolutionizes fashion retail applications - a product that can show whites appear pure and natural, while presenting other colours as warm, saturated and intense. In short, a perfect solution for highend fashion stores and boutiques - an extraordinary colour experience..

YOU NEED MORE DETAILS ON **SpectraWhite** SERIES FOR FASHION RETAIL APPLICATIONS ?



A new visual experience in your retail store with innovative solutions from Gardler®

When it is making a choice about lighting for your store, Gardler Lighting is the most sensible one – unquestionably. Because we do not just supply you products that light up your store, but a comprehensive end-to-end solutions package that creates a magnificent shopping experience for your consumers.

Towards our commitment of providing world class products and services, we have collaborated with some of the top-notch brands across the globe, in technology, design and engineering – so that what you get from us is latest and exceptional in quality and standards.

Our business philosophy is simple, yet very profound. Our existence and progress is intrinsically connected to the way we serve you.. Therefore, our actions are defined with you as the core – the result of which is we win your heart each time, every time.

Talk to us.. We assure you the best..

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