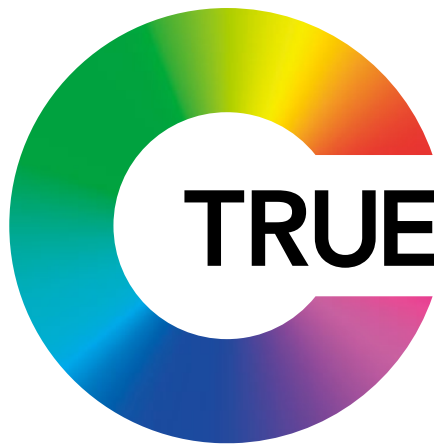




GREENCREATIVE



TRUE CHROMA

**Superior Color
Accuracy**





TRUE CHROMA, maintaining the highest standards!

$CRI \geq 95$ $R_f \geq 93$ $R_9 \geq 50$ $SDCM \leq 3$

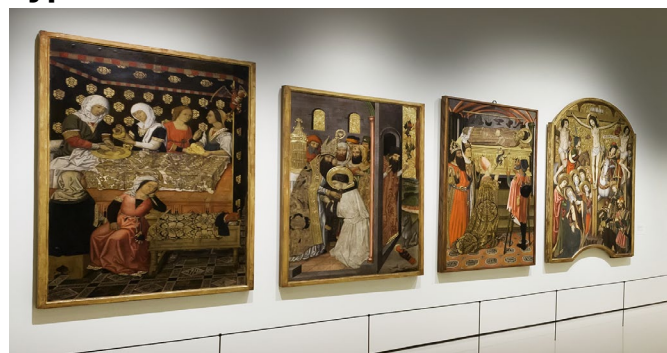
Products with TRUE CHROMA will have the highest color accuracy standards per CRI and the new IES TM-30 method, which evaluates additional calculations when determining color accuracy.

Want exceptional color rendering?

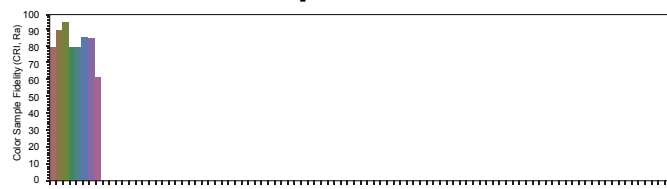
TRUE CHROMA products utilize TM-30 test data to insure colors appear as intended in your application

TRUE CHROMA products guarantee industry-leading color fidelity level of $R_f \geq 93$ based on testing results of 99 color samples from TM-30. These color samples were statistically selected from a library of approximately 105,000 spectral reflectance function measurements for real objects, which included paints, textiles, natural objects, skin tones, inks, and more. Unlike the limited 8 color samples from CRI, the 99 wider color samples mitigate selective optimization, so the output values are a better prediction of real-world performance.

Typical 80 CRI



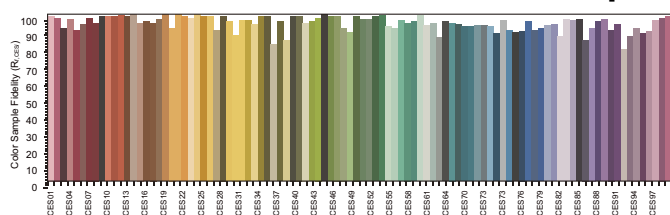
CRI 8 Color Samples



Rf 93



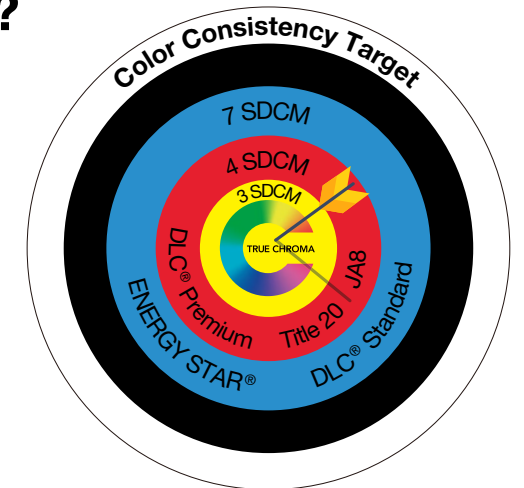
TM-30 99 Color Samples



Is precise color critical to your project?

LEDs used in TRUE CHROMA products are binned within 3 SDCM to guarantee consistent color

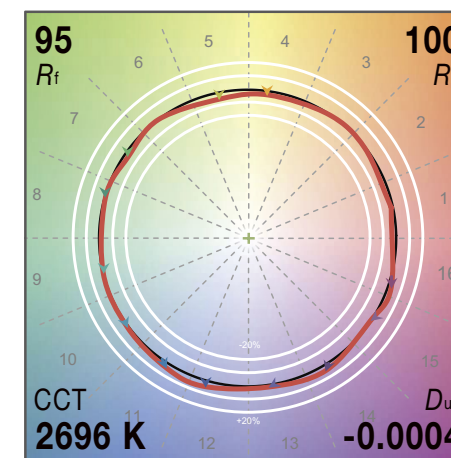
TRUE CHROMA products guarantee industry-leading color consistency level of $SDCM \leq 3$. One SDCM, also known as one step of MacAdam ellipse, defines a unit of 'just noticeable' color difference. The more the steps, the bigger the differences. Tighter tolerances shall and can be met, especially for applications where light color consistency is critical for creating overall appealing and aesthetic lighting environments, or in order to meet the expectations and requirements of lighting designers and end users.



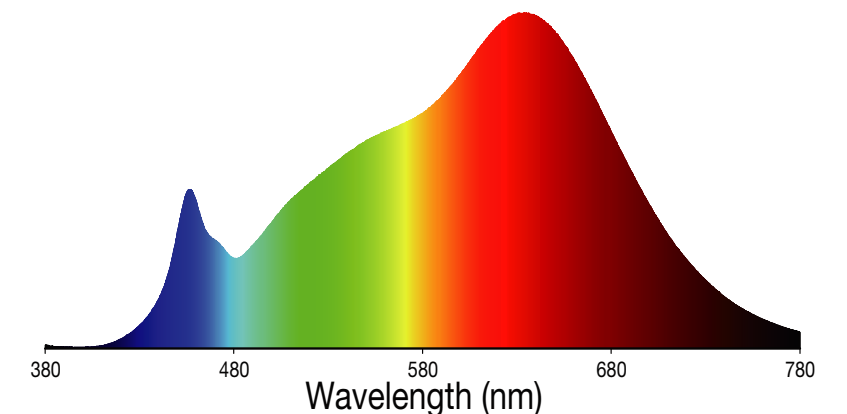
The best decisions are made with the best information!

All TRUE CHROMA products include complete TM-30 measures in their LM-79 reports

TM-30 metrics not only measures color fidelity (R_f) with 99 color samples, but also provide the result of color gamut (R_g) and a color vector graphic (CVG), thus a comprehensive tool for lighting designers to evaluate more aspects of color rendition for their best lighting decisions.



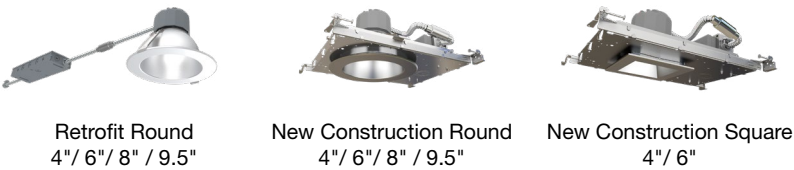
CVG — A visual representation of hue and saturation changes between the test source (red circle) and reference illuminant (the black circle)



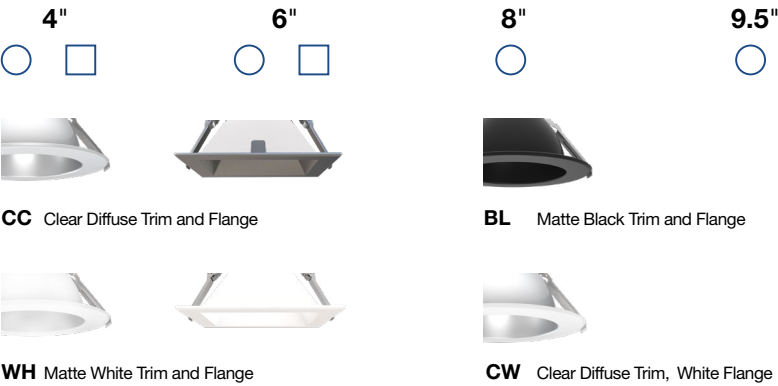
TRUE CHROMA Series - SPECFIT Commercial Downlight



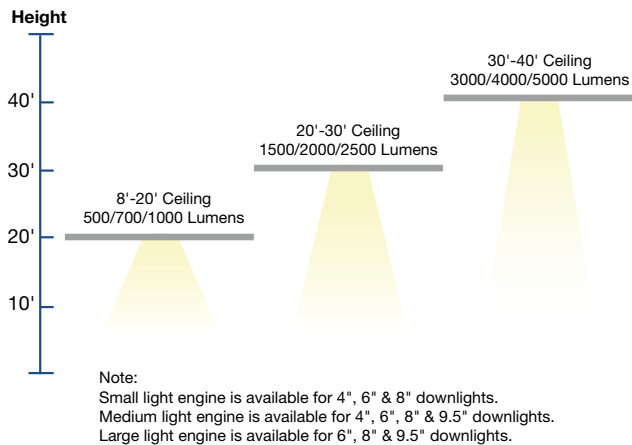
Both Retrofit and New Construction



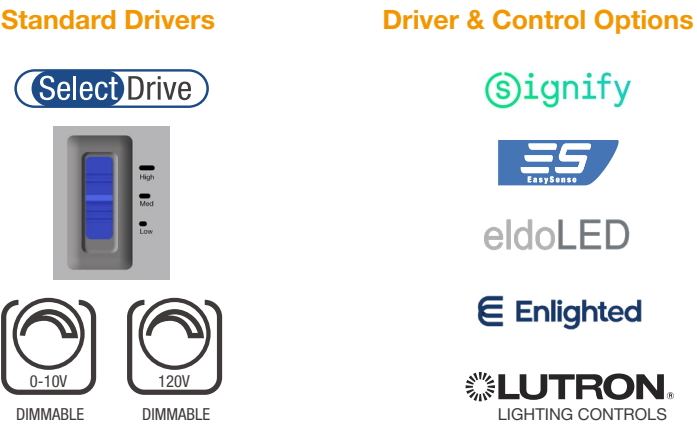
Comprehensive Reflector Choices



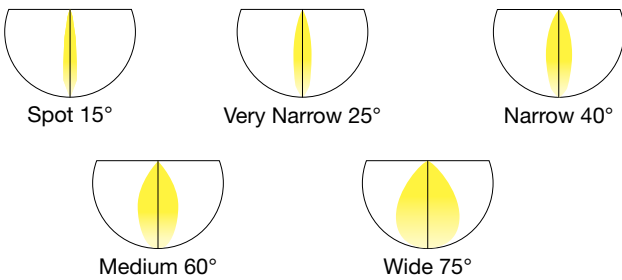
3 Lumen Packages



Additional Controls



Various Beam Angles and Color Temperatures with TRUE CHROMA in 3000K

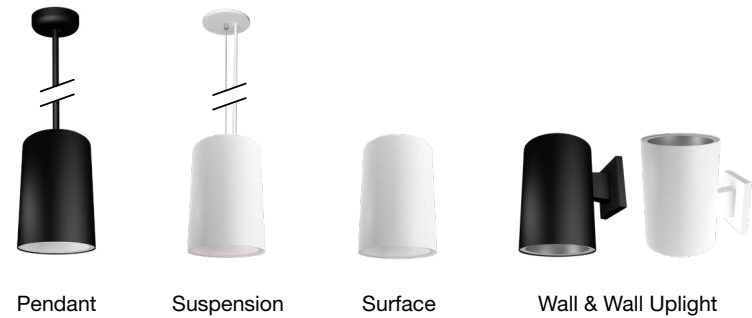


Day Light 5000K	90+ CRI
Cool White Light 4000K	90+ CRI
Neutral White Light 3500K	90+ CRI
Warm White Light 3000K	TRUE CHROMA
Soft White Light 2700K	90+ CRI

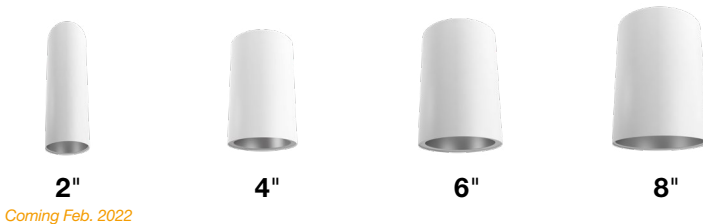
TRUE CHROMA Series - PXCYL Cylinder Downlight



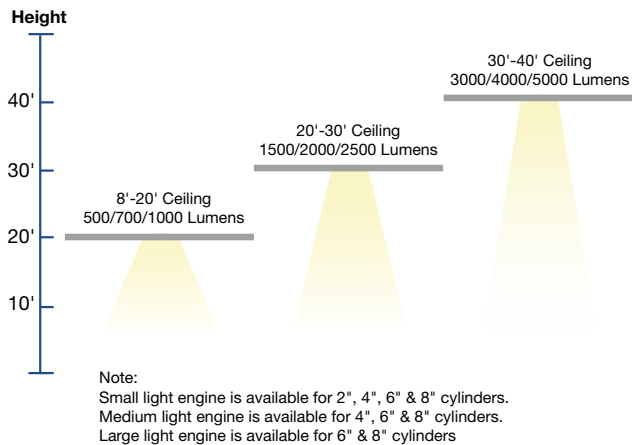
Comprehensive Mounting Choices



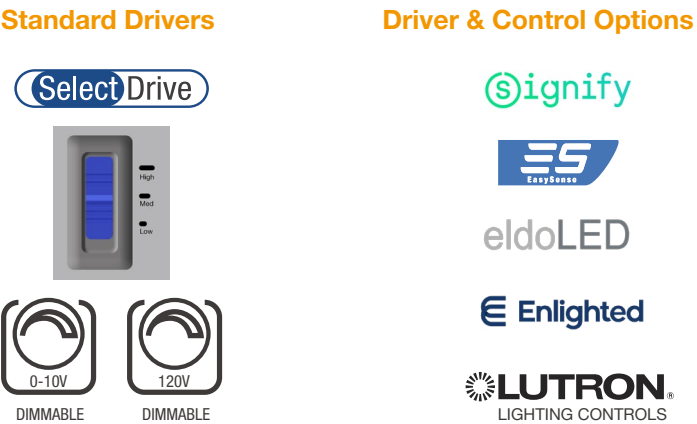
Multiple Sizes



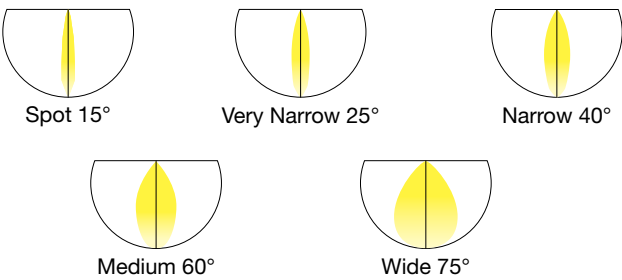
3 Lumen Packages



Additional Controls



Various Beam Angles and Color Temperatures with TRUE CHROMA in 3000K



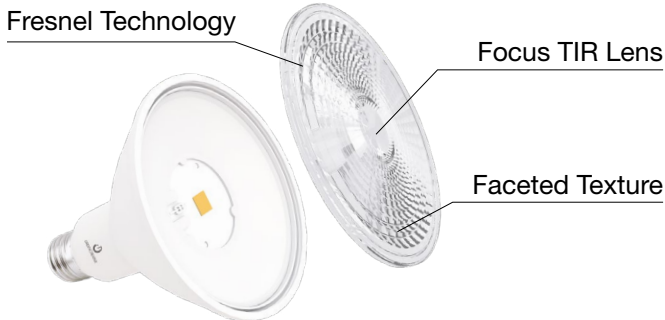
Day Light 5000K	90+ CRI
Cool White Light 4000K	90+ CRI
Neutral White Light 3500K	90+ CRI
Warm White Light 3000K	TRUE CHROMA
Soft White Light 2700K	90+ CRI

TRUE CHROMA Series - REFINE PAR Lamps

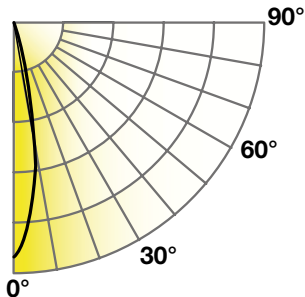
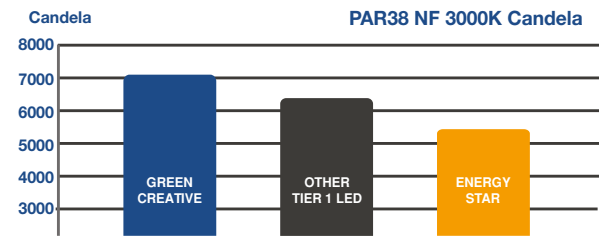


Proprietary REFINE lens

GREEN CREATIVE's proprietary REFINE lens efficiently delivers powerful light with intense center beam candle power and even light distribution, while eliminating uncomfortable glare.



120W Replacement Candela



Degree	Candela
0	7,000
5	6,095
15	1,658
25	408
35	137
45	64

Comprehensive Choices



50W Equivalent PAR20
2700K / 3000K / 4000K CCT
15° / 25° / 35° beam angles



75W Equivalent PAR30
2700K / 3000K / 4000K CCT
15° / 25° / 35° beam angles



75W Equivalent PAR30 SN
2700K / 3000K / 4000K CCT
15° / 25° / 35° beam angles



120W Equivalent PAR38
2700K / 3000K / 4000K CCT
15° / 25° / 35° beam angles
120-277V & GU24 versions available

TRUE CHROMA Series - REFINE MR Lamps



Proprietary REFINE lens

GREEN CREATIVE's proprietary REFINE lens efficiently delivers powerful light with intense center beam candle power and even light distribution, while eliminating uncomfortable glare.



Comprehensive Choices



42W GU5.3 halogen replacement
2700K / 3000K / 4000K CCT
10° beam angle



50W GU5.3 halogen replacement
2700K / 3000K / 4000K CCT
15° / 25° / 35° beam angles



50W GU10 halogen replacement
2700K / 3000K / 4000K CCT
25° / 35° beam angles



75W GU5.3 halogen replacement
2700K / 3000K / 4000K CCT
15° / 25° / 35° beam angles

Low operation and maintenance cost

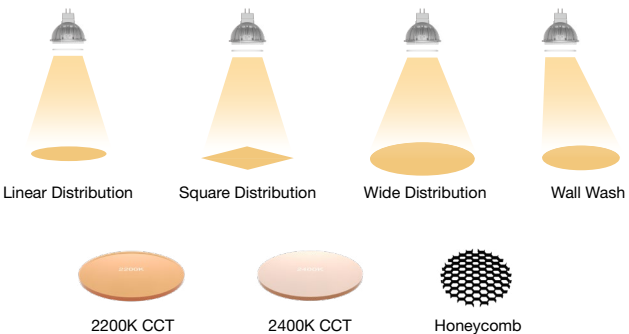
REFINE has models replacing up to a 75W halogen source while realizing 90% energy savings, with L70 rated lifetime of 25,000 hours and are backed by an industry leading 5-year warranty.

Smooth dimming

REFINE MR16 series will smoothly dim to off with most dimming controls, perfect for retail, hospitality, art galleries, and high-end residential applications.

Designed to work with TRUE BEAM accessories

REFINE MR lamps are designed to work with GREEN CREATIVE's TRUE BEAM accessories which enable professionals to precisely realize any lighting design that can be imagined.





Your Partner for Professional Lighting Solutions



TRUE CHROMA SERIES