



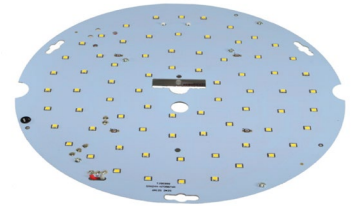
next generation led

info@nextgenerationled.be
www.nextgenerationled.be
Tel + 32 53 71 09 42

GOLF FITTING

Properties

- Lifespan L70 %: > 40.000 hr
- Energy savings up to 65%
- Available with white or chrome bezel
- White opal polycarbonate diffuser
- Ideal replacement of traditional fittings with 2D 28W or 2D 38W DD CFL lamps
- No UV radiation, optimal uniformity and glare free
- Suitable for indoor and outdoor installation
- Warranty : 3 years



SMD
LED



MW
MEAN WELL

RoHS CE

- IP 44
- 85 Lm / W
- Motion sensor option
- Emergency option
- Motion sensor & emergency

Specifications

GOLF FITTING	Standard	Motion sensor	Emergency	MS+EM
Power		14 W		
Luminous flux		1200 Lm		
Input voltage		AC 150 - 250 V / 50-60Hz		
Color rendering index		Ra >85		
Color temperature		5500 K		
Beam Angle		110°		
Power factor		> 0,9		
Operating temp.		-20°C ~ 50°C		
Weight		1,3kg		
Size		dia 320mm x H 100mm		

Application

Residential, shops, warehouse, super-market ...

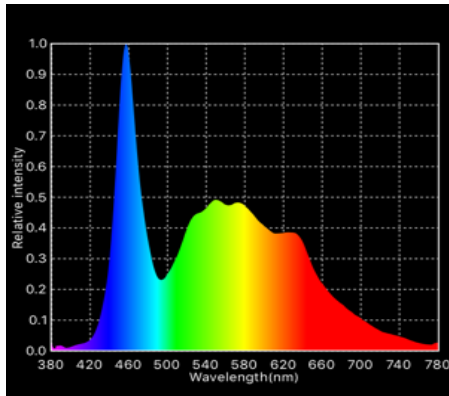
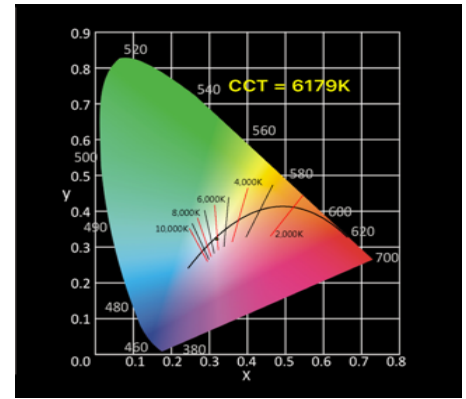


- Intelligent, high sensitive microwave sensor
- Presence detection and daylight dimming functions
- Presence detection allows dimming to 10%, 20% or 30%
- All settings controllable directly from dip switches located on the microwave sensor
- HF system: 5.8GHZ radar with ISM band
- Time setting: 10 sec to 12min (adjustable)
- Detection angle: 360 degrees
- Detection range: 2-8 meters radius (adjustable)
- Dimming setting: 10%, 20%, 30% and OFF
- Installation height: 2,5-3,5m
- Working temperature: -15°C to + 70°C

- Emergency battery power pack, suitable for supplying luminaire for duration of 3 hours as required by EU and British standards.
- Conform to BS EN 61347-2-7
- Battery recharge period is just 24 hours and the battery unit has a lifespan of 4 years

CIE 1931

The CIE color space, developed in 1931, is still used to define colors, and as a reference for other color spaces. The figure is a two-dimensional display of colors of the same intensity (brightness), which is based on observations of color measurements by people.

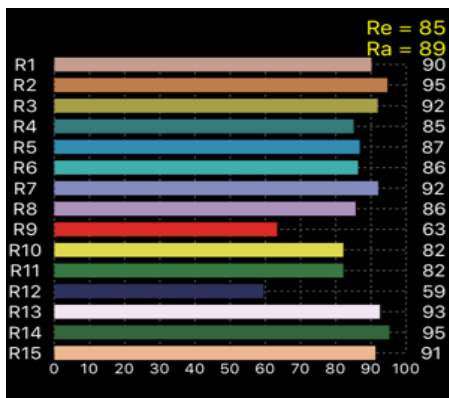


SPECTRUM

Isaac Newton used the Latin word spectrum to define the color series which arose when he dropped a bundle of sunlight through a glass prism. The color spectrum consists of the colors of the rainbow with the color sequence red-orange-yellow-green-blue-indigo-violet, which corresponds to bearish wave length (increasing frequency) of the light waves.

C78 377

ANSI C 78.377 is now the standard for color quality, as determined by the American National Standards Institute. ANSI recommends lamp manufacturers to stay within a 4-step ellipse. This means that manufacturers with a particular focus on the CIE diagram have a broad range of observable differences.



CRI HISTOGRAM

The color reproduction of a light source indicates whether the color of an object can be displayed true to nature. The graph shows whether we can accurately determine color, depending on the color rendering properties of the light source.

Ra = average of R1 to R8

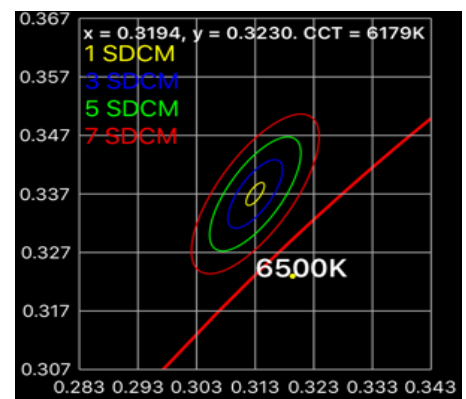
Re = average of R1 to R15

R9 = saturated red. Should be as high as possible.

SDCM

SDCM is an acronym which stands for Standard Deviation Colour Matching. SDCM has the same meaning as a "MacAdam ellipse". A 1-step MacAdam ellipse defines a zone in the CIE 1931 2 deg (xy) colour space within which the human eye cannot discern colour difference. Most LEDs are binned at the 4-7 step level, in other words you certainly can see colour differences in LEDs that are ostensibly the same colour.

SDCM	CCT @ 3000K	ΔUV
1x	±30K	±0.0007
2x	±60K	±0.0010
4x	±100K	±0.0020
7-8x	±175K	±0.0060





next generation led

GOLF FITTING

REFERENCE	WATT	LUMEN	OPTION	BEAM ANGLE
896-0001	14 W	1200 Lm	STANDARD	180°
896-0002	14 W	1200 Lm	MOTION SENSOR	180°
896-0003	14 W	1200 Lm	EMERGENCY	180°
896-0004	14 W	1200 Lm	MS+E	180°