



Direct Incandescent Replacement -- Up to 90% Energy Savings
Fixed-Intensity R20 & R21 LED Lamps

Ideal for use with Alternate or Renewable Energy Resources like Solar & Wind Power
Major Energy Reduction, Reduces Light Pollution, "Dark Skies" Initiative Friendly

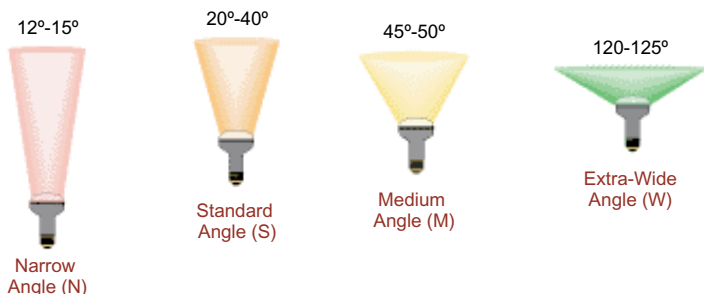
Features

- Fixed Full Intensity
- Built-in Current Limiting Resistor for Direct Applications for 12 to 240V AC or DC
- Choice of Narrow (12°-15°), Standard (20°-40°), Medium (45°-50°) or Wide Angle (120-125°) Illumination
- LED Operating Life / 100,000+ Hours (10+ Years)
- Choice of 10 Sunlight-Visible Colors Plus Infrared Wavelengths
- Very Low Power Consumption
- Solid-State, High Shock / Vibration Resistant
- Direct Mount in Industry Standard Sockets Without Modification
- 3-Year Lamp Warranty

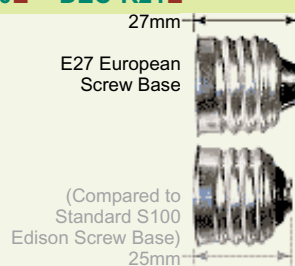
Applications

- General, Low-Level Lighting Area Illumination
- High-Intensity Tasklights & Spotlights
- Illuminating Hallways & Storage Areas
- Large Multi-Color Signage
- Architectural & Decor Lighting
- Security Area Lighting
- Landscape Lighting

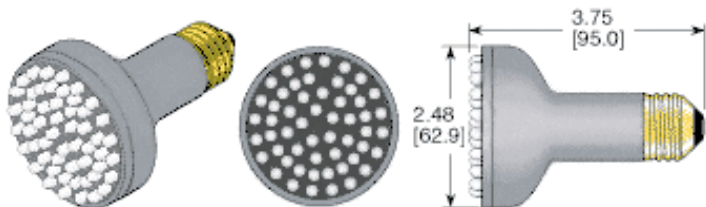
Optional Viewing Angles:
For qualified applications & large quantity orders



Custom Option:
For qualified applications & large quantity orders
E27 European Screw Base
DEC-R20E DEC-R21E



Series DEC-R20 Vertical LED Tasklight



Notes:

1. Not all possible combinations of voltage, intensity and angle are available
2. Intensity shown is for narrow angle. Intensity is reduced 12 to 15 times when using extra wide angles
3. Infrared LED Intensity is shown as typical milliwatt power per steradian

Mark To Order	Part Number	Retail Price (Volume Price Available)	LED Color	No. of LEDs	Input Voltage	Power Watts (typ)	Intensity per LED I _v (mcd) (typ)	λ _p (nm)	View Angle 2θ _{1/2}
	DEC-R20-0UR-02S		Ultra Red	50 -- 60	120VAC	1.70W	1250	660	30°
	DEC-R20-0ER-02N		E Red	50 -- 60	120VAC	1.70W	1250	630	15°
	DEC-R20-0UO-02S		Amber	50 -- 60	120VAC	1.70W	1400	612	30°
	DEC-R20-0UY-02S		Yellow	50 -- 60	120VAC	1.70W	1250	595	25°
	DEC-R20-0IW-02S		Incand. White	50 -- 60	120VAC	2.5W	2000	4500K	20°
	DEC-R20-0CW-02S		Cool White	50 -- 60	120VAC	2.5W	6000	8000K	20°
	DEC-R20-0UG-02S		Lime Green	50 -- 60	120VAC	2.5W	1000	570	30°
	DEC-R20-1AG-02S		Aqua Green	50 -- 60	120VAC	2.5W	1500	525	33°
	DEC-R20-1BG-02S		Blue Green	50 -- 60	120VAC	2.5W	1500	505	30°
	DEC-R20-1PB-02N		Blue	50 -- 60	120VAC	2.5W	1200	470	15°
	DEC-R20-851-02S		Infrared	50 -- 60	120VAC	1.70W	10mW (3)	850	20°
	DEC-R20-881-02S		Infrared	50 -- 60	120VAC	1.70W	8mW (3)	880	40°
	DEC-R20-941-02S		Infrared	50 -- 60	120VAC	1.70W	7mW (3)	940	40°

Custom Options for Qualified Applications and Large-Quantity Orders

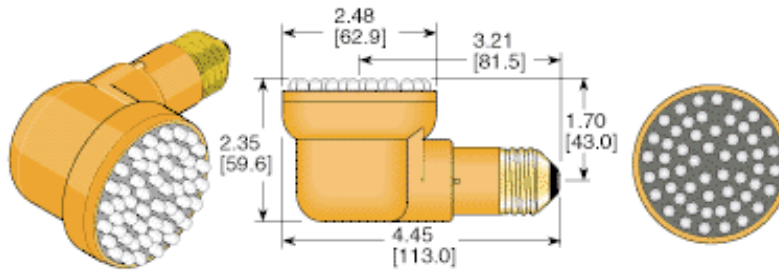
For Other Voltages, Replace 02 at end of Part Number with:

01 -- 24VDC, 03 -- 12VDC, 04 -- 240VAC

For Other Beam Widths, Replace Last Letter in Part Number with Required Viewing Angle Options

N - Narrow (12°-15°) S - Standard (20°-40°) M - Medium (45°-50°) W - Extra Wide (120-125°)

**Series DEC-R21
Right-Angle,
Swivel-Head
LED Tasklight**



Mark To Order	Part Number	Retail Price (Volume Price Available)	LED Color	No. of LEDs	Input Voltage	Power Watts (typ)	Intensity per LED I _v (mcd) (typ)	λ _p (nm)	View Angle 2θ _{1/2}
	DEC-R21-0UR-02S		Ultra Red	50 -- 60	120VAC	1.70W	1250	660	30°
	DEC-R21-0ER-02N		E Red	50 -- 60	120VAC	1.70W	1250	630	15°
	DEC-R21-0UO-02S		Amber	50 -- 60	120VAC	1.70W	1400	612	30°
	DEC-R21-0UY-02S		Yellow	50 -- 60	120VAC	1.70W	1250	595	25°
	DEC-R21-0IW-02S		Incand. White	50 -- 60	120VAC	2.5W	2000	4500K	20°
	DEC-R21-0CW-02S		Cool White	50 -- 60	120VAC	2.5W	6000	8000K	20°
	DEC-R21-0UG-02S		Lime Green	50 -- 60	120VAC	2.5W	1000	570	30°
	DEC-R21-1AG-02S		Aqua Green	50 -- 60	120VAC	2.5W	1500	525	33°
	DEC-R21-1BG-02S		Blue Green	50 -- 60	120VAC	2.5W	1500	505	30°
	DEC-R21-1PB-02N		Blue	50 -- 60	120VAC	2.5W	1200	470	15°
	DEC-R21-851-02S		Infrared	50 -- 60	120VAC	1.70W	10mW (3)	850	20°
	DEC-R21-881-02S		Infrared	50 -- 60	120VAC	1.70W	8mW (3)	880	40°
	DEC-R21-941-02S		Infrared	50 -- 60	120VAC	1.70W	7mW (3)	940	40°

Custom Options for Qualified Applications and Large-Quantity Orders

For Other Voltages, Replace 02 at end of Part Number with:

01 -- 24VDC, 03 -- 12VDC, 04 -- 240VAC

For Other Beam Widths, Replace Last Letter in Part Number with Required Viewing Angle Options

N - Narrow (12°-15°) S - Standard (20°-40°) M - Medium (45°-50°) W - Extra Wide (120-125°)

Specifications subject to change without notice

23105 Kashiwa Ct, Torrance, CA 90505 - PH: (800) 579-4875/(310) 534-1505 - FAX: (310) 534-1424
© Copyright 1997-2002 LEDtronics, Inc. All Rights Reserved - Contact Webmaster@ledtronics.com