



R20 & R21 Fixed Intensity LED Lamps

Features

- Fixed Full Intensity
- Built-in Current Limiting Resistor for Direct Applications for 12 to 240V AC or DC
- Choice of Narrow (12°), Standard (30°), Medium (50°) or Wide Angle (120°) Illumination
- Three-Year Lamp Warranty
- LED Operating Life: 100,000+ Hours (10+ Years)
- Choice of 10 Sunlight Visible Colors Plus Infrareds
- Very Low Power Consumption
- Solid-State, High Shock/Vibration Resistant
- Direct Mount in Industry Standard Sockets Without Modification

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

Standard Viewing Angle:

12°-15°



Narrow Angle (N)

Optional Viewing Angles:

20°-30°



Standard Angle (S)

50°-60°



Medium Angle (M)

120°

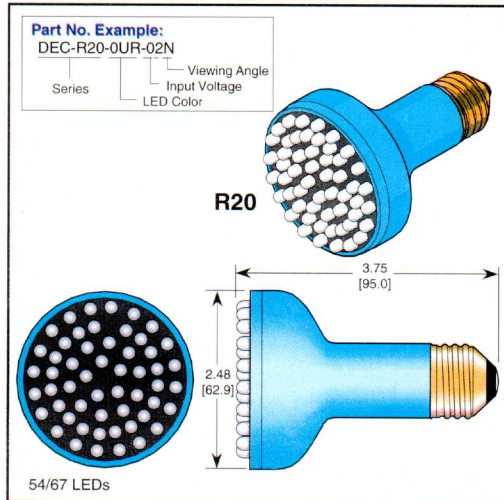


Extra Wide Angle (W)

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

Vertical LED Tasklight



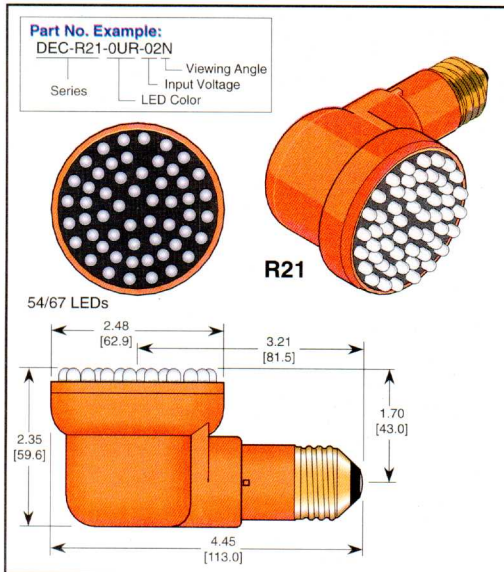
Part Selection

Part Number	LED Color	No. of LEDs	Input Voltage ¹	Power (Watts) typ	Intensity per LED I _v (mcd) typ	λ _p (nm)	View Angle 2θ _{1/2}
DEC-R20-0UR-02N	UL RED	67	120VAC	1.70	2000	660	12°-15°
DEC-R20-0ER-02N	E RED	54	120VAC	1.70	3500	633	12°-15°
DEC-R20-0OU-02N	ORANGE	54	120VAC	1.70	6500	612	12°-15°
DEC-R20-0UY-02N	YELLOW	54	120VAC	1.70	5500	595	12°-15°
DEC-R20-0IW-02N	INC WHITE	54	120VAC	2.50	2000	4500K [†]	12°-15°
DEC-R20-0CW-02N	C. WHITE	54	120VAC	2.50	6000	8000K [†]	12°-15°
DEC-R20-0UG-02N	L. GREEN	54	120VAC	2.50	1000	570	12°-15°
DEC-R20-1AG-02N	A. GREEN	54	120VAC	2.50	10,000	525	12°-15°
DEC-R20-1BG-02N	B. GREEN	54	120VAC	2.50	2000	505	12°-15°
DEC-R20-1PB-02N	BLUE	54	120VAC	2.50	3000	470	12°-15°
DEC-R20-851-02N	INFRARED	67	120VAC	1.70	10mW ³	850	12°-15°
DEC-R20-881-02N	INFRARED	67	120VAC	1.70	8mW ³	880	12°-15°
DEC-R20-941-02N	INFRARED	67	120VAC	1.70	7mW ³	940	12°-15°

*For Other Voltages, Replace 02 at End of Part Number with:
01 - 24VDC, 03 - 12VDC, 04 - 240VAC

† Color Temperature (Kelvin Degrees)

Right Angle Swivel Head LED Tasklight



Part Selection

Part Number	LED Color	No. of LEDs	Input Voltage ¹	Power (Watts) typ	Intensity per LED I _v (mcd) typ	λ _p (nm)	View Angle 2θ _{1/2}
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DEC-R21-1BG-02N	B. GREEN	54	120VAC	2.50	1500	505	12°-15°
DEC-R21-1PB-02N	BLUE	54	120VAC	2.50	1200	470	12°-15°
DEC-R21-851-02N	INFRARED	67	120VAC	1.70	10mW ³	850	12°-15°
DEC-R21-881-02N	INFRARED	67	120VAC	1.70	8mW ³	880	12°-15°
DEC-R21-941-02N	INFRARED	67	120VAC	1.70	7mW ³	940	12°-15°

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† Color Temperature (Kelvin Degrees)

Specifications subject to change without notice.

- Three-Year Lamp Warranty

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THE FUTURE OF LIGHT



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