

The LS431LED is a visually compact, surface mounted luminaire, suitable for use where a remotely located driver can be conveniently housed close by. With its low profile design and suitability for direct and indirect lighting applications, it is suitable for a wide range of architectural environments. Choices of beam angles, light and glare control accessories are available.

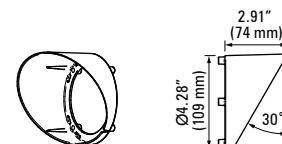
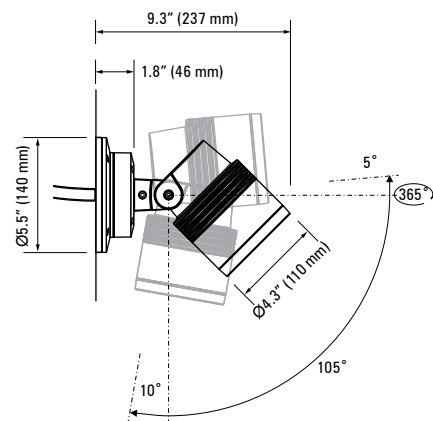
Specifications

Source	16 W or 27 W LED <input type="checkbox"/> White (4 000 K typical) <input type="checkbox"/> Warm white (3 000 K typical) <input type="checkbox"/> Blue (470 nm) <i>Other colors by request</i> <input type="checkbox"/> RGB (24 W LED only)
IP Rating	IP66 / IP67
Construction	LM20 die-cast marine grade powder coated aluminum
Accessories <i>Order separately</i>	LS6065 Linear spreader lens LS6066 Prismatic lens LS6067 Concentric louver LS6104 External glare shield
Remote Driver <i>Consult factory</i>	LS6097-1050-01 27 W remote driver LS6097-850-01 16 W remote driver LS67507-27 24 W remote RGB driver <i>RGB driver requires remote power supply</i> LS67504-27 24 W single color dimmable driver <i>Dimmable driver requires remote power supply</i>
Ambient Operating Temperature	-4 °F to 122 °F (-20 °C to +50 °C)
Surface Temperature	≤149 °F (≤65 °C) HumanTouch™ compliant
Photometrics	Refer to www.lumascap.com

Any luminaire can become hot - take care with appropriate use and placement



LS431LED Centria
Remote driver required
(order separately)



LS6104 External glare shield

SOURCE				OPTICAL SYSTEM			LUMINAIRE INPUT VOLTAGE		FINISH	
Description	Wattage	Color	Code	Beam	Code	Description	Code	Description	Code	
LED	16 W	White (4 000 K typ.)	16W4	Narrow	14°	Remote driver	RW⁽¹⁾	Black	BL	
		Warm white (3 000 K typ.)	16H6	Medium	20°			White	WT	
		Blue (470 nm)	16B4	Wide	30°			Silver	SL	
				Linear Horizontal	40° x 10°					
		Linear Vertical	10° x 40°							
LED	27 W	White (4 000 K typ.)	27W4	Narrow Medium	20°	⁽¹⁾ Remote driver required - order separately. Driver supplied in IP65 enclosure - install in a suitable location.	RW⁽¹⁾			
		Warm white (3 000 K typ.)	27H6	Medium	25°					
		Blue (470 nm)	27B4	Linear Horizontal	40° x 20°					
				Linear Vertical	20° x 40°					
	24 W	RGB	24M4							

⁽¹⁾ Recommended for best RGB color mixing.
⁽²⁾ Refer to beam orientation diagram.

Photometrics

Photometric data is based on test results from a NIST traceable testing lab. IES data is available at www.lumascap.com.

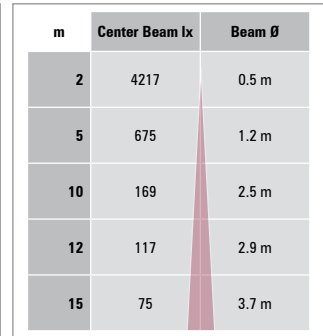
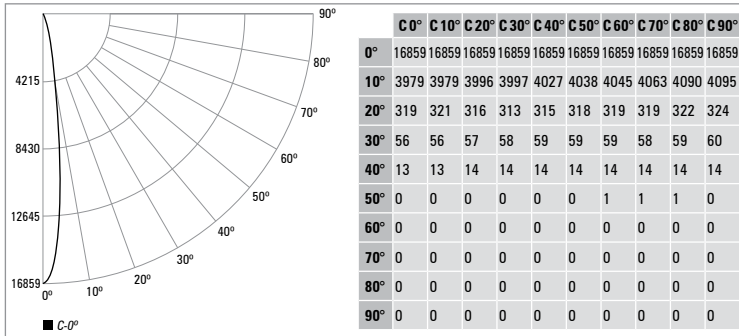
Note: No depreciation factor is applied to the data shown.

Polar Candela Distribution

Illuminance at a Distance

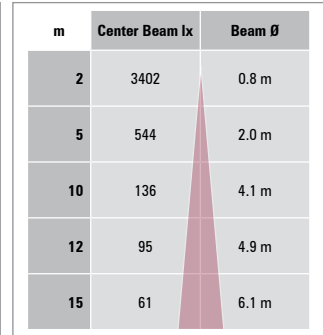
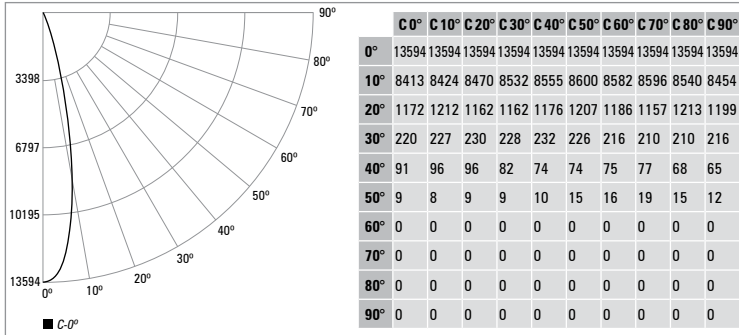
LS431LED
4 000 K
14° Beam Angle

Power Input	17.8 W
Lumens	1337 lm
Efficacy	75 lm/W



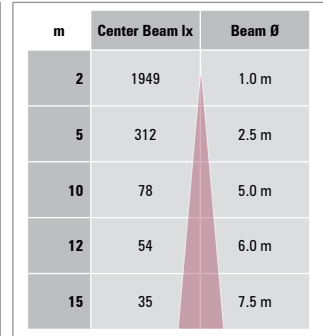
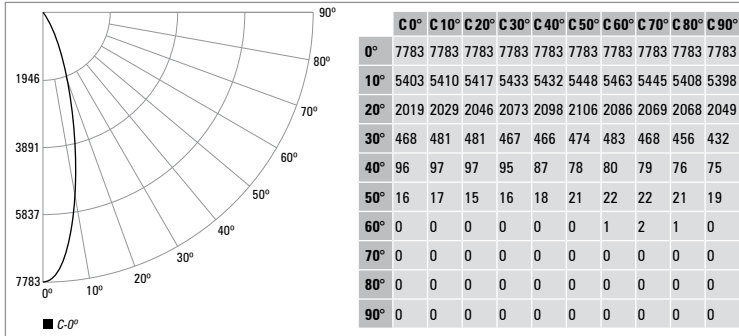
LS431LED
4 000 K
20° Beam Angle

Power Input	31.9 W
Lumens	2420 lm
Efficacy	76 lm/W



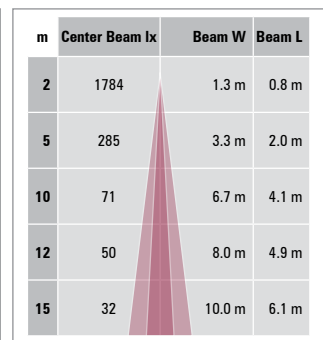
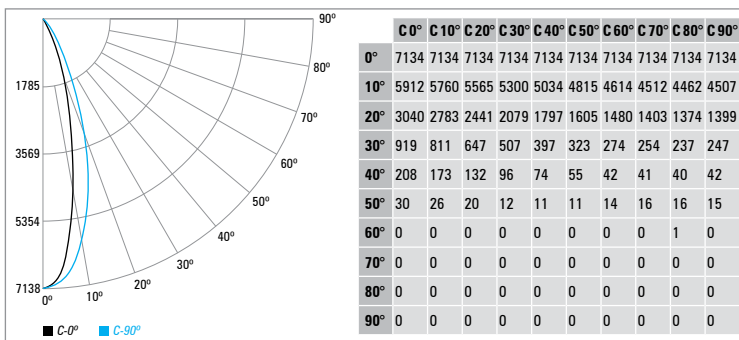
LS431LED
4 000 K
25° Beam Angle

Power Input	31.9 W
Lumens	2188 lm
Efficacy	69 lm/W



LS431LED
4 000 K
20° x 40° Beam Angle

Power Input	31.9 W
Lumens	2169 lm
Efficacy	68 lm/W



Beam Orientations

