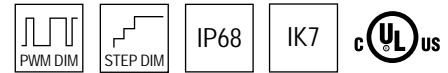


LS793LED

Ingrade



The LS793LED is a compact, shallow-depth ingrade luminaire for applications requiring a more compact form factor, yet still capable of delivering up to the equivalent lumens of a 50 W MR16. The compact size allows the luminaire to be integrated into more places without appearing to dominate the architecture or landscape. For better control of light, a factory set lamp tilt option is available delivering more light onto the desired surface.

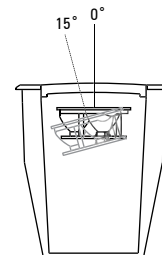
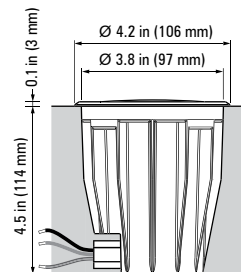
Specifications

Lamp source	3 W or 6 W LED <input type="checkbox"/> White (4 300 K typical) <input type="checkbox"/> Warm white (2 900 K typical) <input type="checkbox"/> Blue (470 nm) <i>Other colors by request</i> <input type="checkbox"/> RGB (consult factory for full details)
UL classification	Suitable for wet locations
Lumen Maintenance (L70)	89,000 hrs @ 25 °C
Control Protocol <i>(optional, consult factory)</i>	PWM Step Dim RGB via DMX
IP rating	IP68
Construction	316 marine grade stainless steel
Installation types	Direct Burial Landscapes, planters etc.
Static load rating	1 650 lb (750 kg)
Impact rating	IK7
Standard inclusions	MicroAntiLeach™ wire entry Internal glare control louver
Ambient operating temperature	-40 °F to 122 °F (-40 °C to +50 °C)
Surface temperature	≤ 113 °F (45 °C)
Photometrics	www.lumandscape.com

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



LS793LED



Tilt Angles

Factory set at 0° or 15°

Code	LAMP	WATTAGE	COLOR	Code	BEAM	Code	VOLTAGE	Code	TILT	Code
LS793LED	LED	3 W	White (4 300 K typ.)	3W4	Narrow	14°	12 V 60 Hz or 12-24 V DC	13 ⁽¹⁾	0°	U
			Warm white (2 900 K typ.)	3H6	Narrow Medium	25°	Remote constant current driver	R ⁽²⁾	15°	W
			Blue (470 nm)	3B4	Medium	30°				
			RGB	3M4	Wide	40°				
		6 W	White (4 300 K typ.)	6W4						
			Warm white (2 900 K typ.)	6H6						
			Blue (470 nm)	6B4						

⁽¹⁾ For appropriate transformer sizing refer to page 54 - 55 of the Lumascape LED catalog.

⁽²⁾ Not included - For RGB and dimming applications only. Refer to page 54 - 55 of the Lumascape LED catalog.

Photometrics

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

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

LS793LED
4300 K⁽¹⁾
25° Beam Angle

Power Input	6.9
Lumens	397
Efficacy	58 Lm/W

⁽¹⁾ To approximate warm white data, multiply by 0.84. Refer web site for IES files for all color temperatures.

Polar Candela Distribution

	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	0	0	2	0	0	1	0
140°	19	19	18	12	14	14	13
150°	31	31	32	33	31	30	33
160°	150	182	185	152	152	147	141
170°	1326	1338	1349	1364	1369	1361	1372
180°	2124	2124	2124	2124	2124	2124	2124

Illuminance at a Distance

ft	Center Beam fc	Beam Ø
5	85	2 ft
10	21.2	4 ft
15	9.4	7 ft
25	3.4	11 ft
30	2.4	13 ft
40	1.3	18 ft
50	0.8	22 ft

LS793LED
4300 K⁽¹⁾
30° Beam Angle

Power Input	6.9
Lumens	363
Efficacy	53 Lm/W

⁽¹⁾ To approximate warm white data, multiply by 0.84. Refer web site for IES files for all color temperatures.

Polar Candela Distribution

	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	1	1	1	1	2	1	2
140°	11	12	15	15	16	17	18
150°	76	77	74	71	71	76	88
160°	308	315	317	315	319	328	340
170°	821	829	835	840	847	854	865
180°	1192	1192	1192	1192	1192	1192	1192

Illuminance at a Distance

ft	Center Beam fc	Beam Ø
5	47.7	3 ft
10	11.9	5 ft
15	5.3	8 ft
25	1.9	13 ft
30	1.3	16 ft
40	0.7	21 ft
50	0.5	27 ft

LS793LED
4300 K⁽¹⁾
40° Beam Angle

Power Input	6.9
Lumens	283
Efficacy	41 Lm/W

⁽¹⁾ To approximate warm white data, multiply by 0.84. Refer web site for IES files for all color temperatures.

Polar Candela Distribution

	C 0°	C 15°	C 30°	C 45°	C 60°	C 75°	C 90°
90°	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0
130°	3	5	6	6	6	5	4
140°	24	22	20	21	23	26	27
150°	94	89	91	101	100	101	101
160°	273	277	279	282	288	289	284
170°	490	498	508	514	513	512	509
180°	585	585	585	585	585	585	585

Illuminance at Distance

ft	Center Beam fc	Beam Ø
5	23.4	4 ft
10	5.9	7 ft
15	2.6	11 ft
25	0.9	18 ft
30	0.7	22 ft
40	0.4	29 ft
50	0.2	36 ft