

## FIXTURE SPECIFICATIONS

### INTENDED USE

Designed for illuminating steps and walkways, this fixture offers a powerful walk-over outdoor LED solution with a sleek, modern design. The in-ground LED well light is energy-efficient and built for long-lasting indoor and outdoor use, featuring recessed housing with an integrated concrete pour-box and 0-10V dimming. Available in three sizes (ø6", ø8", ø9") and various lumen packages, it offers beam angles of 30°, 60°, and 90°. The beam focal angle is field-adjustable, allowing the LED light source to tilt up to 30° for tree, ground, or wall washing applications. An optional Turtle Friendly and RGBW light engine provides customizable lighting effects.

### FEATURES

**Construction:** 316 Stainless steel walk-over faceplate mounted to heavy duty construction corrosion resistant, low-copper die-cast aluminum

**Lens:** Sealed one-piece walk-over, shatter-proof clear glass optic. Secured with vandal resistant, stainless-steel fasteners

**Gasket:** Closed-cell silicone foam gasket seals out moisture, dust, and insects, for weather-tight operation.

**Mounting:** Recessed mounted, with integrated concrete pour-box.

**Finish:** Stainless Steel, Black, White, Silver, and Bronze.

**Voltage:** 120-277V

**Driver:** 0-10V (Static color temps)

**WiFi Controls:** iOS/Android

**Mobile App:** Easy Home Smart Home

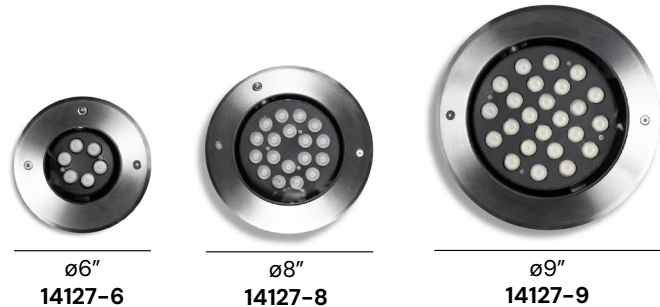
**CRI:** 80+

**Life:** L70 > 100,000 Hours

**Color Temperature:** 2700K, 3000K, 3500K, 4000K, Turtle Friendly, and RGBW. **Operating temperature:** starting at -20 °F / -28°C

**Listing:** cULus Listed, RoHS Compliant, Title 24/JA8 Compliant, Wet location suitable, ETL listed for wet locations

**Warranty:** 5 years carefree for parts & components (Labor not included).



Alcon Lighting 14127 In-Ground LED Well Light



Size	Wattage	Lumens
6"	7W	525lms
8"	17.5W	1250lms
9"	22.5W	2050lms

## ORDERING INFORMATION Example:

Model	Size	Beam Spread	Color Temp	Finish	Options	Optional RGBW Control
14127	6 6"	30 30°	27K	2700K	MG Marine Grade	DMX
	8 8"	60 60°	30K	3000K		DMX-W-WIFI
	9 9"	90 90°	35K	3500K		DMX-B-WIFI
			40K	4000K		
			TF	Turtle Friendly		
			RGBW40	RGB + W (4000k)		

## CONCRETE POUR BOX

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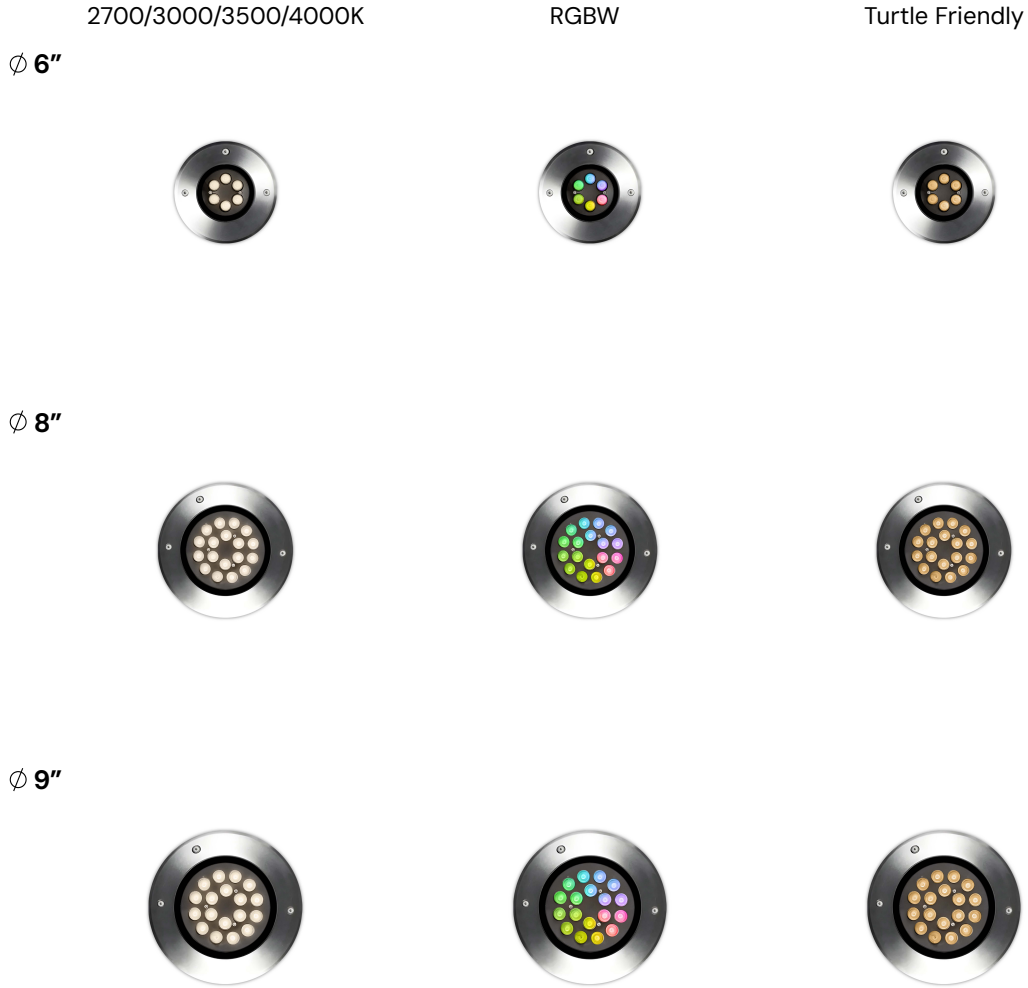


## COMPONENTS

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## LED DIALS

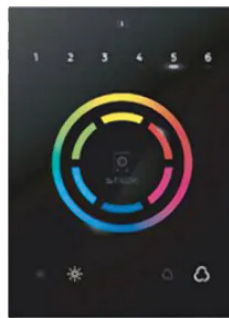


Alcon Lighting 14127 In-Ground LED Well Light

## RGB DMX CONTROLS



DMX Wall Control



DMX Wall Control + WiFi

WiFi-104



iOS + Android

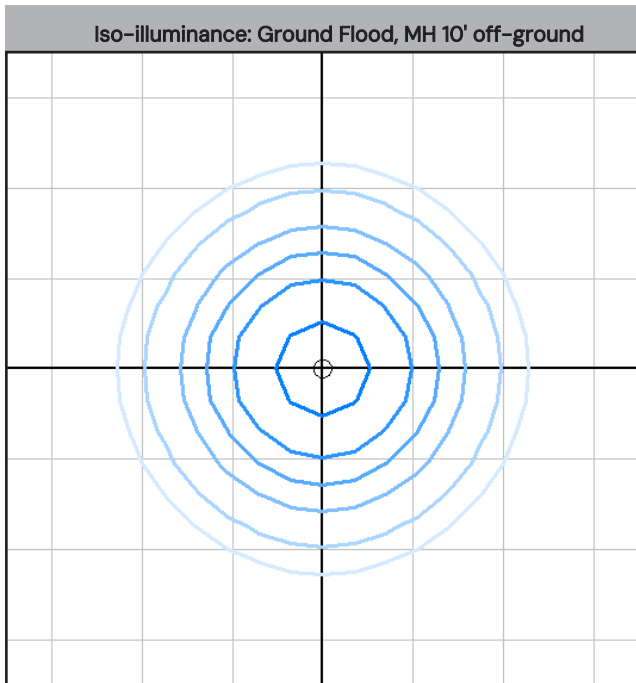
## PHOTOMETRY



Alcon Lighting 14127 In-Ground LED Well Light

Photometry	IESNA: LM-63-2002
TEST: L012410105	TEST LAB: Light Laboratory Inc.
LUMINAIRE: 14127-6	DATE: 2024-01-17
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	524 (4000K)
Luminaire Efficacy Rating (LER) 76	
Total Luminaire Watts	5.96
Upward Waste Light Ratio	0.00
Max. Candela	808 (OH, OV)
Max. Cd. < 90° Vertical	808 (OH, OV)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%)
Max. Cd. (80 to <90 Deg. Vert.)	11 ( 1%)
Cutoff Classification: Cutoff	BUG Rating: B1-U0-G0

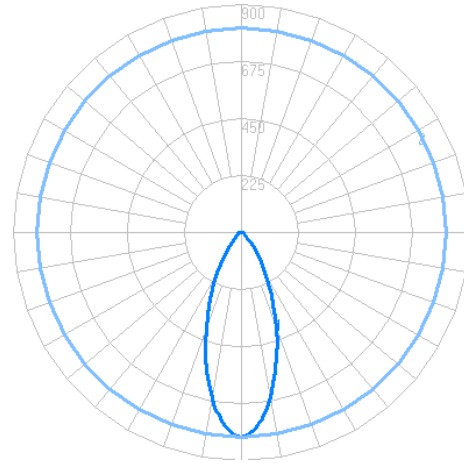
Technical aspects may change without notice.



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5 | Grid spacing 5'

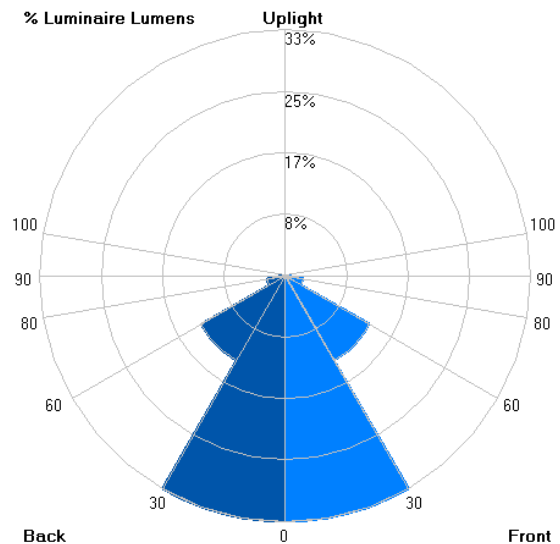
Sample isoillumination plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

### Candela



### Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	175.0	33.4
FM	(30-60)	69.4	13.3
FH	(60-80)	12.9	2.5
FVH	(80-90)	4.5	0.9
BL	(0-30)	175.0	33.4
BM	(30-60)	69.4	13.3
BH	(60-80)	12.9	2.5
BVH	(80-90)	4.5	0.9
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		524	100

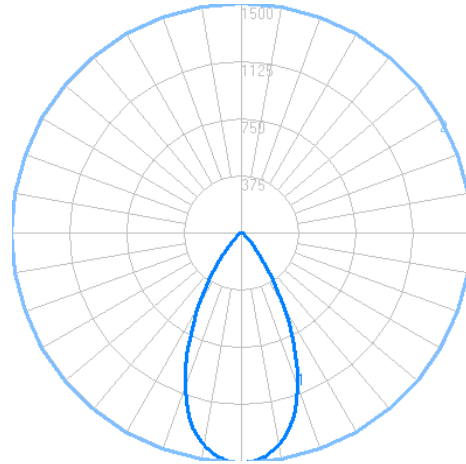


Content of specification sheet subject to change

## PHOTOMETRY

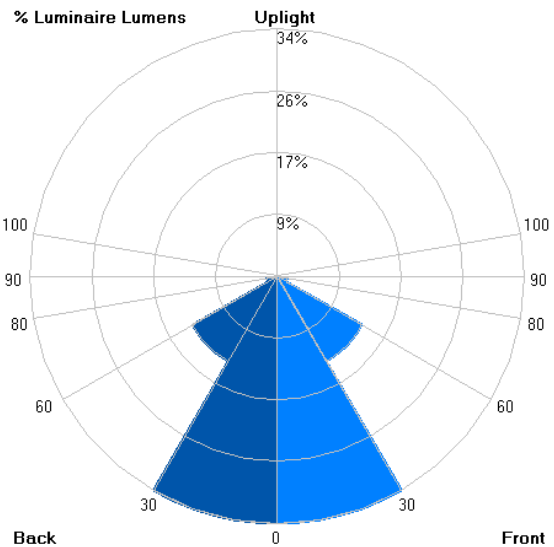


Candela



Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	434.4	34.5
FM	(30-60)	172.1	13.7
FH	(60-80)	18.1	1.4
FVH	(80-90)	5.4	0.4
BL	(0-30)	434.4	34.5
BM	(30-60)	172.1	13.7
BH	(60-80)	18.1	1.4
BVH	(80-90)	5.4	0.4
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		1260	100



Content of specification sheet subject to change

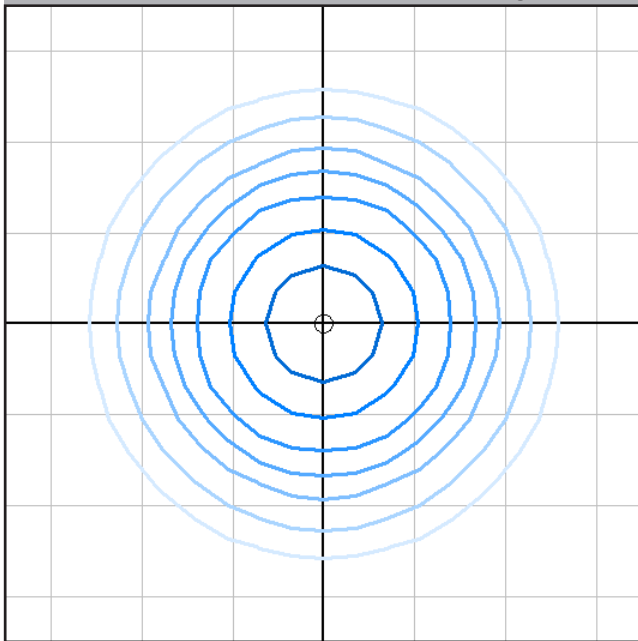
### Photometry

IESNA: LM-63-2002

TEST: L012410106	TEST LAB: Light Laboratory Inc.
LUMINAIRE: 14127-8	DATE: 2024-01-17
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	1260 (4000K)
Luminaire Efficacy Rating (LER) 72	
Total Luminaire Watts	17.5W
Upward Waste Light Ratio	0.00
Max. Candela	1509 (OH, OV)
Max. Cd. < 90° Vertical	1509 (OH, OV)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%)
Max. Cd. (80 to <90 Deg. Vert.)	14 ( 1%)
Cutoff Classification: Cutoff	BUG Rating: B1-U0-G0

Technical aspects may change without notice.

Iso-illuminance: Ground Flood, MH 10' off-ground



Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10 | Grid spacing 5'

Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

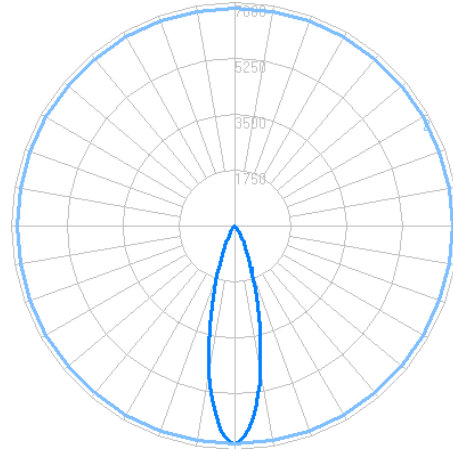
## PHOTOMETRY

Photometry	IESNA: LM-63-2002
TEST: L012410107	TEST LAB: Light Laboratory Inc.
LUMINAIRE: 14127-9	DATE: 2024-01-17
IES Classification: Type V	Longitudinal Class: Very Short
Luminaire Lumens	2072 (4000K)
Luminaire Efficacy Rating (LER) 93	
Total Luminaire Watts	22.32W
Upward Waste Light Ratio	0.00
Max. Candela	6828 (0H, 0V)
Max. Cd. < 90° Vertical	6828 (0H, 0V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%)
Max. Cd. (80 to <90 Deg. Vert.)	15.7%
Cutoff Classification: Cutoff	BUG Rating: B2-U0-G0

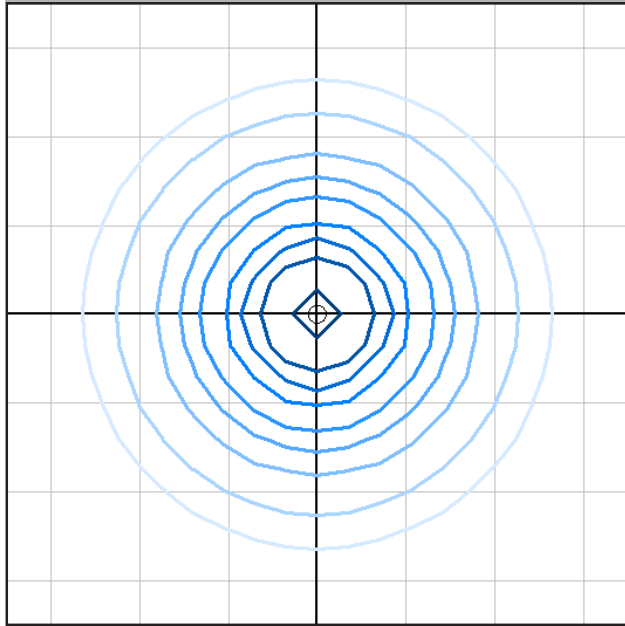
Technical aspects may change without notice.



Candela



Iso-illuminance: Ground Flood, MH 10' off-ground

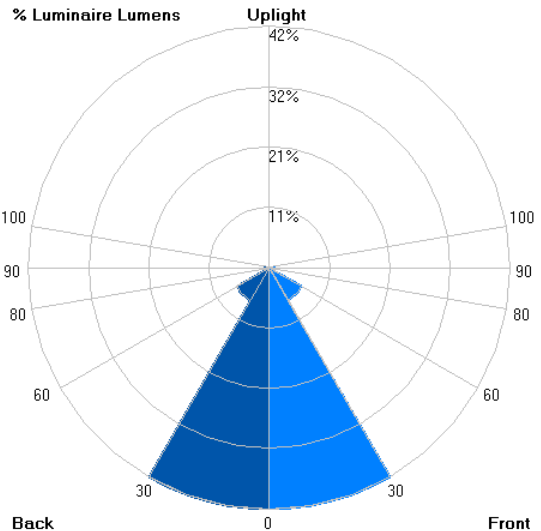


Foot-candles: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50 | Grid spacing 5'

Sample isoilluminance plots. For actual values, use Lumux IES file with photometry software and correct surface reflectances.

Zonal Lumens

LCS	Zone	Lumens	%Lum.
FL	(0-30)	875.0	42.2
FM	(30-60)	135.4	6.5
FH	(60-80)	19.6	0.9
FVH	(80-90)	6.1	0.3
BL	(0-30)	875.0	42.2
BM	(30-60)	135.4	6.5
BH	(60-80)	19.6	0.9
BVH	(80-90)	6.1	0.3
UL	(90-100)	0.0	0.0
UH	(100-180)	0.0	0.0
Total		2072	100



Content of specification sheet subject to change

## COMPATIBLE DIMMERS (Static color temps)

			
<b>0-10 V</b>	<a href="#">2100</a> <a href="#">2101</a> <a href="#">2102</a>	Diva DTVV	IP-710-DL

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## COLOR TEMPERATURE GUIDE



<p><b>2700K</b></p> <p>WARM WHITE</p> <p>friendly personal intimate</p> <p>HOMES LIBRARIES RESTAURANTS</p> <p>✓</p>	<p><b>3000K</b></p> <p>SOFT WHITE GLOW</p> <p>soft warm pleasing</p> <p>HOMES HOTEL ROOMS LOBBIES RETAIL STORES</p> <p>✓</p>	<p><b>3500K</b></p> <p>NEUTRAL GLOW</p> <p>sociable inviting non-threatening</p> <p>EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS</p> <p>✓</p>	<p><b>4000K</b></p> <p>COOL WHITE GLOW</p> <p>neat clean efficient</p> <p>OFFICES CLASSROOMS MASS MERCHANTISERS SHOWROOMS</p> <p>✓</p>	<p><b>5000K</b></p> <p>DAYLIGHT GLOW</p> <p>bright cool alert</p> <p>GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS</p> <p>✗</p>
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