

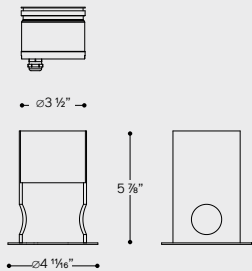
In-ground luminaires
Architectural lighting
Object and effect lighting
Floor mounting



Configurator



IP67 RoHS IK10 UL/CSA pending



Housing		Measurements	
Housing material	Aluminum, stainless steel	Model	Weight [lbs]①
Housing finish	Internally black matte coated RAL 9005	R90	without driver 4.4
Cover	Tempered safety glass (3,000 kg pressure load capacity)	R90	complete with driver 12.1
Screws	Stainless steel		① max. weight
Cable	Pre-wired supply cable 1.6 ft, complete with water stop device, cable gland		
Lighting unit	Steplessly adjustable ± 15° in all directions		

Electrical	A-Series	RGBW	Operating conditions
Protection class	I / II / III	I / II / III	Lifetime
Voltage [V], [Hz]	120-277, 50/60*	Driver external	Visit the configurator for specific lifetime options
Current feed max. [mA]	500	500	
LED power max. [W]	6.1	6.1	
	* with integrated driver		

Driver (external)	A-Series	RGBW
Control options	<div><div>ON</div><div>OFF</div><div>I-10V</div><div>DALI</div><div>WIRELESS</div><div>DMX</div><div>CLOUD</div></div> <div><div>T8</div><div>DALI</div><div>DMX</div></div>	
Programming [optional]	Constant Lumen Output (CLO) Emergency power supply (AC/DC) Stand-alone	
Control accessories	Further accessories on request	
Software	connex-x light management for remote management and control	



Precision lens optics



AG01
Symmetric Narrow 10°
Type VS



AG02
Symmetric Medium 26°
Type VS



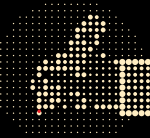
AG03
Symmetric Flood 50°
Type VS



AG04
Symmetric Elliptical 8°-40°
Type I Very Short



AH02
Symmetric Wide Flood 60°
Type VS



Shape your own light by combining
any light distributions



2,200 K
CRI ≥ 80



2,700 K
CRI ≥ 80



3,000 K
CRI ≥ 80



4,000 K
CRI ≥ 80



RGBW

Performance

Optics	AG01	AG02	AG03	AG04	AH02
Beam angle	10°	26°	50°	10–40°	60°
BUG Rating	B0 U4 G0	B0 U4 G0	B0 U4 G0	B0 U4 G0	B0 U4 G0
MacAdam ellipses (SDCM)	≤ 3 SDCM				
Max Lumens per Watt	92.7	92.5	94.3	96.9	92.7

Equipment variations



R90 without internal driver

ewo

R90



R90	-		-		-		-		-	
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Variant
MC - Monochrome
RGBW - RGBW

CCT
2.2K - 2200K
2.7K - 2700K
3K - 3000K
4K - 4000K

Optic*	
AG01	Symmetric Narrow 10°
AG02	Symmetric Medium 26°
AG03	Symmetric Flood 50°
AG04-H	Symmetric Elliptical Horizontal
AG04-V	Symmetric Elliptical Vertical
AH02	Symmetric Wide Flood 60°

Output*	
200 mA	265lm
250 mA	324lm
300 mA	381lm
350 mA	434lm
400 mA	484lm
450 mA	531lm
500 mA	575lm
Required	_____lm

Control
On/Off
0-10V
DALI
DMX
Wireless
Cloud

Cable
3FT
10FT
15FT
CUS - Custom

* Lumens based on AG01 optic and 4000K CCT

* Other outputs on request