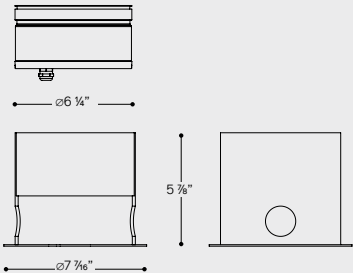


In-ground luminaires
Architectural lighting
Object and effect lighting
Floor mounting



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	R160	without driver14.3
Cover	Tempered safety glass (3,000 kg pressure load capacity)	R160	complete with driver23.1
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
Protection class	I / II / III	I / II / III
Voltage [V], [Hz]	120-277, 50/60*	Driver external
Current feed max. [mA]	400	400
LED power max. [W]	19.0	19.0

* with integrated driver

Operating conditions	
Lifetime	Visit the configurator for specific lifetime options

Driver (external)	A-Series	RGBW
Control options	<div><div>ON</div><div>OFF</div><div>1-10V</div><div>DALI</div><div>WIRELESS</div><div>DMX</div><div>CLOUD</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
Symetric 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

AP07
Asymmetric Extra Forward
Type IV Short

AS07
Asymmetric Side throw
Type II Short

AP06
Asymmetric Forward Extra Side Throw
Type III Medium

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	AP07	AS07	AP06
Beam angle	10°	26°	50°	10 – 40°	60°			
BUG Rating	B0 U5 G0	B0 U5 G0	B0 U5 G0	B0 U5 G0	B0 U5 G0	B0 U5 G0	B0 U5 G0	B0 U5 G0
MacAdam ellipses (SDCM)	≤ 3 SDCM							
Max Lumens per Watt	97.2	97	98.9	101.5	97.1	81.5	86.3	75
Model	R160							

Nr. of LEDs16 Luminous
flux [lm]620–2,020

Equipment variations



R160 without internal driver

ewo

R160



R160

-

-

-

-

-

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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 mA1060lm
250 mA1298lm
300 mA1522lm
350 mA1734lm
400 mA1935lm
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