

LOGIC



The pristine water and shock resistant floor recessed lighting fixture, Logic is wet rated. An in-grade luminaire with up to nearly 800 delivered lumens, Logic can be used to accentuate trees or sculptures, but also to uplight facades or large garden features to create a sense of depth or indicate the right direction along pathways. Offered with or without a trim flange, Logic can be powered via 24V, if dimming is not important, or via constant current for full-range dimming. Logic has some unique light effect options with the 'Super Spot' version that creates a 6 degree stripe of light, or the Moon version that reduces glare when mounted adjacent to an occupied space or walkway.

Specification	Logic 40 R	Logic 60 R	Logic 90 R	Logic 90 S
Floor Cut-out:	1 11/16"	2 3/8"	3 11/16"	4 7/16" x 4 7/16"
Adjustability:	Fixed			
Rating:	IP67			

Performance	40	60	90
CRI:	90		
*LP:		2.6W	
*MP:		4W	
*SP:	4W	7W	7W

Delivered Lumens	3000K			
**See page 4 for full details	SS/NS	MS/MD	FL	MN
Logic 40:	186Lm			85Lm
Logic 60:	219Lm	727Lm		353Lm
Logic 90:	741Lm	683Lm	689Lm	

Listing

ETL certified to US and Canadian safety standards.

Warranty

5-year limited warranty.

Ordering

ALL BOXES MUST BE FILLED IN TO CORRECTLY ORDER

Example: LGC60R-ANO-30MPSSFX-GB-RMTD1-UNV

			-		-				-					
Luminaire	Size	Shape	Finish	CCT	Power*	Optic**	Function	Installation	Application	Controls***				
LGC LOGIC	40 40mm / 1 ⁵ / ₈ "	R Round - Trimless	ANO ALU Anodized	30 3000K	SP Standard Power	NS Narrow Spot 15°	FX Fixed, Exterior use	GB Inground Box	RMT Remote Power Supply	D1-UNV 0-10V dim 120-277V				
		RA Round - Trim	INOX Stainless Steel			MN Narrow Spot 15° with Moon Shield								
	60 60mm / 2 ³ / ₈ "	R Round without flange	ANO ALU Anodized	30 3000K	LP Low Power	SS Super Spot 6°								
		RA Round with flange	B(1) Black Anodized		MP Medium Power	MS Medium Narrow Spot 20°								
					SP(2) Standard Power	MN Medium Narrow Spot 20° with Moon Shield								
	90 90mm / 3 ⁷ / ₁₆ "	R Round without flange	ANO ALU Anodized	30 3000K	SP Standard Power	NS Narrow Spot 11°				D8-120 FE ELV dim 120V				
		RA Round with flange	B(1) Black Anodized			MD Medium Spot 30°								
		S Square with flange				FL Flood 55°								

1 Only available with Shape RA.

2 Only available with Control D1.

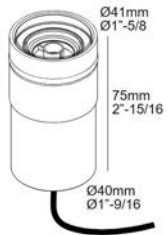
*** Contact factory for Dali, DMX, or other dimming options.

Related Products

Logic Wallwash, Logic F

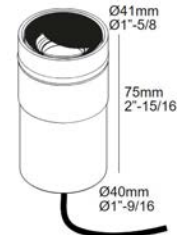
Finish Options

LOGIC 40 R



ALU ANODIZED

LOGIC 40 R MOON



ALU ANODIZED

LOGIC 40 RA



STAINLESS STEEL

LOGIC 40 RA MOON



STAINLESS STEEL

LOGIC 60 R



ALU ANODIZED

LOGIC 60 R MOON



ALU ANODIZED

LOGIC 60 RA



ALU ANODIZED

BLACK ANODIZED

LOGIC 60 RA MOON

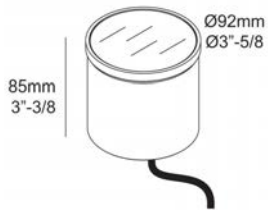


ALU ANODIZED

BLACK ANODIZED

Finish Options (cont'd)

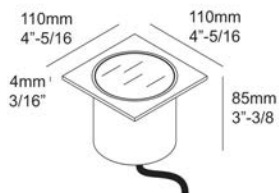
LOGIC 90 R



LOGIC 90 RA



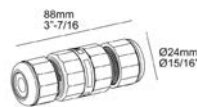
LOGIC 90 S



Accessories



JUNCTION BOX
6 216 12 00

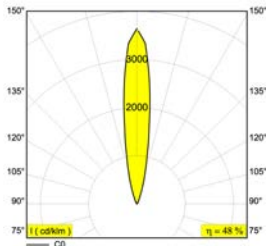


IP68 CONNECTOR 3P
6 216 12 03

Photometric Data

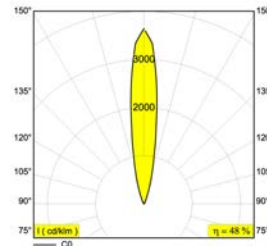
Delivered Lumens	3000K						3500K					
Optic:	SS	NS	MS	MD	FL	MN	SS	NS	MS	MD	FL	MN
Logic 40:		186Lm				85Lm						
Logic 60:	219Lm		727Lm			353Lm			754Lm			366Lm
Logic 90:		741Lm		683Lm	689Lm			768Lm		708Lm	714Lm	

LOGIC 40 R



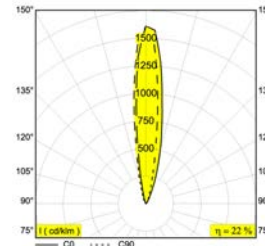
NS 15°

LOGIC 40 RA



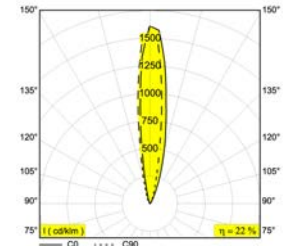
NS 15°

LOGIC 40 R MOON



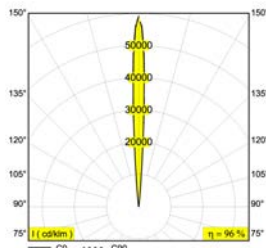
MN 15°

LOGIC 40 RA MOON

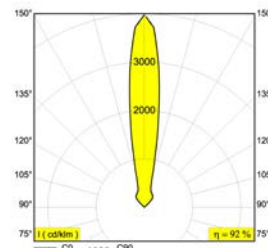


MN 15°

LOGIC 60 R

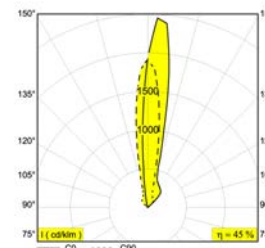


SS 6°



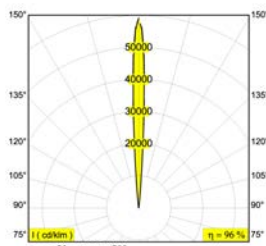
MS 20°

LOGIC 60 R MOON

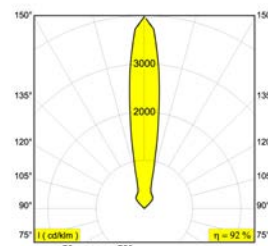


MN 20°

LOGIC 60 RA

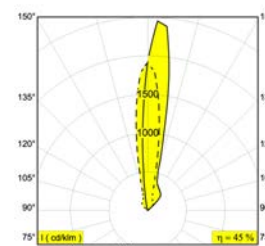


SS 6°



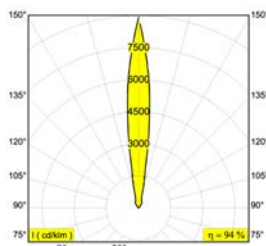
MS 20°

LOGIC 60 RA MOON

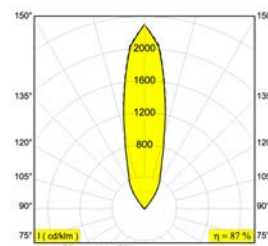


MN 20°

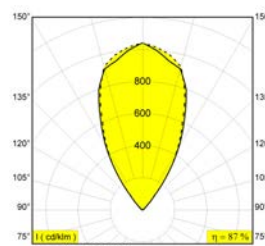
LOGIC 90 R / RA / S



NS 11°



MD 30°



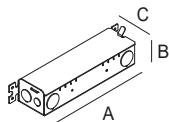
FL 55°

Installation Options

REMOTE DRIVER (With LOGIC 60 POWER LP CONTROL D8 only, LOGIC 40, LOGIC 90)

A: 8" x B: 2"-1/2 x C: 2"-1/2
A: 203mm x B: 64mm x C: 64mm

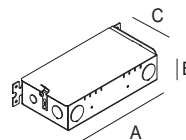
- For Remote application
- ETL Listed
- Damp rated



REMOTE DRIVER

A: 8" x B: 2"-3/16 x C: 4"-1/4
A: 203mm x B: 72mm x C: 108mm

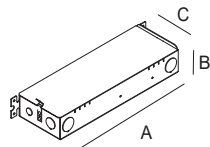
- For Remote application
- ETL Listed
- Damp rated



REMOTE DRIVER (With Controls ND)

A: 12" x B: 2"-7/8 x C: 4"-1/4
A: 305mm x B: 72mm x C: 108mm

- For Remote application
- ETL Listed
- Damp rated



GB - LOGIC 40 BOX

GB - LOGIC 60 BOX

GB - GENIE BOX 90 R

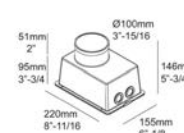
GB - GENIE BOX 90 S



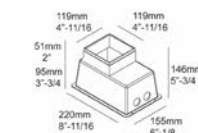
Used with Logic 40



Used with Logic 60



Used with Logic 90 R



Used with Logic 90 S

Driver Options

D1

- Dimming Control 0-10V
- Dimming Range 1-100%
- Dim to off yes at 0.7mA
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥87
- THD @ Full Load <20%
- Title 24 Compliant

Dimmer Compatibility

- Leviton IP710-DLZ
- Lutron DDTV-XX
- WattStopper ADF-120277
- Synergy Lighting Controls ISD BC

D8 (With Logic 40)

- Dimming Control Phase Control
- Dimming Range 1-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥81
- THD @ Full Load <20%

Dimmer Compatibility

- Leviton 6672-1LW / 6674
- Lutron DVLV-600P / DVCL-153P / MACL-153MR / SELV-300P

D8 (With Logic 60 Power SP only, Logic 90)

- Dimming Control Phase Control
- Dimming Range 10-100%
- Dim to off no
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥78
- THD @ Full Load <12%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

D8 (With Logic 60 Power LP & MP)

- Dimming Control Phase Control
- Dimming Range 20-100%
- Dim to off yes
- Power Factor @ Full Load >0.9
- Efficiency @ Full Load ≥80
- THD @ Full Load <10%

Dimmer Compatibility

- Leviton IPE04-1LZ
- Lutron DVELV-300P

ND

- Dimming Control NON DIMMABLE
- Power Factor @ Full Load >0.95
- Efficiency @ Full Load ≥90
- THD @ Full Load <10%

As technology changes, please use information above as guidance. For most recent updated information please contact factory. Specifications subject to change without notice.