



The Brighter Choice



Pro Range Professional Lighting Fixtures

V.01

DiamondtecTM
The Cutting Edge of LED Optics



Pro Range 120V Dimmable 4" Professional Lighting Fixtures

Description

The Pro Range of fixed and adjustable Professional Lighting Fixtures is based on a flexible, modular design allowing for a wide range of product variations, suitable for a large number of lighting applications. Featuring the LEDchroic™ lens technology, this family of light fixtures replicates the multi-faceted halogen like appearance with optimal light distribution and minimal glare. IES files available on the **ALL-LED website**.

4"



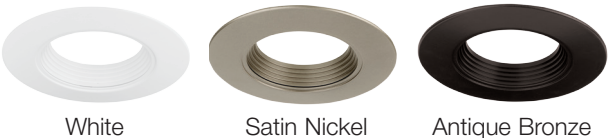
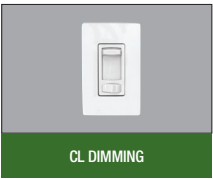
Features

- Modular concept makes this range ideal for use across many applications including retrofit and new construction
- Interchangeable LEDchroic™ polycarbonate lenses with multi-faceted halogen like appearance
- 3 Beam angles: Narrow (25°), Medium (40°), Wide (75°)
- Available in fixed, recessed baffle, cones and adjustable versions
- Available color temperatures 2700K, 3000K, 3500K, 4000K, 5000K
- Interchangeable bezels / baffles color coded to achieve a desired look
- High color rendering index, CRI90
- Line voltage dimmable
- Operating temperature -4°F to 104°F
- Power Factor greater than 0.9
- IC rated when installed in IC rated CAN
- 120V Input, 60Hz and 0.083A Input Current
- Title 24 High Energy compliance for California
- (L70) at **50,000 hrs lifetime**
- **5 year warranty**




Cat.No.	Beam	Accessory
AR-D04NF1+9/*	25°	Fixed ring
AR-D04NC1+9/*	25°	Cone
AR-D04NB1+9/*	25°	Baffle
AR-D04NA1+9/*	25°	Adjustable ring
AR-D04MF1+9/*	40°	Fixed ring
AR-D04MC1+9/*	40°	Cone
AR-D04MB1+9/*	40°	Baffle
AR-D04MA1+9/*	40°	Adjustable ring
AR-D04WF1+9/*	75°	Fixed ring
AR-D04WC1+9/*	75°	Cone
AR-D04WB1+9/*	75°	Baffle
AR-D04WA1+9/*	75°	Adjustable ring

*Add WH, AB or SN for White, Satin Nickel or Antique Bronze
 *Add 27, 30, 35, 40 or 50 for 2700K, 3000K, 3500K, 4000K or 5000K

Compliance & Approvals



CONFIGURATOR

Downlight Module	Size	Lens		Cone / Baffle / Ring	Acc Type	Trim & Acc Color		CRI	Color Temp		
AR-D04	4"	N	Narrow	C1	Cone	WH	White	9	CRI90	/ 27	2700K
		M	Medium	B1	Baffle	AB	Antique Bronze			/ 30	3000K
		W	Wide	F1	Fixed Ring	SN	Satin Nickel			/ 35	3500K
				A1	Adj Ring					/ 40	4000K
										/ 50	5000K

ORDERING EXAMPLE

AL-D + SIZE + LENS + C/B/R + T + CRI + CT = AL-D04NB1WH9/27

Downlight module	+ Size	+ Lens	+ Cone or Baffle or Ring	+ Trim	+ CRI	+ Color Temp
AR-D	04	N	B1	WH	9	/ 27

Pro Range 120V Dimmable 4" Professional Lighting Fixtures

CRI >  up to 100lm/W

WARRANTY
5
YEAR



Fixed White Ring

AR-D04NF1WH9/27

4" Light Fixture



10W UP TO 1000lm



Fixed White Cone

AR-D04NC1WH9/30

4" Light Fixture



10W UP TO 1000lm



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3 BEAM ANGLES

25°, 40° & 75°

See page 4 for more information



Fixed White Baffle

AR-D04MB1WH9/35

4" Light Fixture



10W UP TO 1000lm



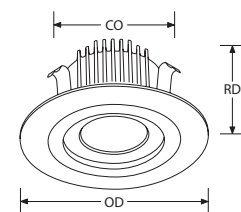
Adjustable White Ring

AR-D04MA1WH9/50

4" Light Fixture



10W UP TO 1000lm

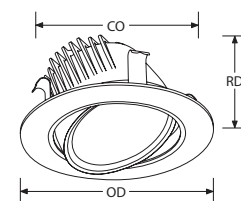


Fixed Cone/Baffle

(OD) 4.91" Overall Ø

(RD) 2.83" Recess Depth

(CO) 3.73" Cutout Ø



Adjustable /Fixed Ring

(OD) 4.91" Overall Ø

(RD) 2.44" Recess Depth

(CO) 3.73" Cutout Ø

Pro Range 120V Dimmable 5-6" Professional Lighting Fixtures

Description

The Pro Range of fixed and adjustable Professional Lighting Fixtures is based on a flexible, modular design allowing for a wide range of product variations, suitable for a large number of lighting applications. Featuring the LEDchroic™ lens technology, this family of light fixtures replicates the multi-faceted halogen like appearance with optimal light distribution and minimal glare.

IES files available on the ALL-LED website.

Features

- Modular light fixtures affording multiple product variations
- Modular concept makes this range ideal for use across many applications including retrofit and new construction
- Interchangeable LEDchroic™ polycarbonate lenses with multi-faceted halogen like appearance
- 3 Beam angles: Narrow (25°), Medium (40°), Wide (75°)
- Interchangeable bezels / baffles color coded to achieve a desired look
- Available in fixed, recessed baffle, cones and adjustable versions
- Available color temperatures 2700K, 3000K, 3500K, 4000K, 5000K
- High color rendering index, CRI>90
- Line voltage dimmable
- Operating temperature -4°F to 104°F
- Power Factor greater than 0.9
- IC rated when installed in IC rated CAN
- 120V Input, 60Hz and 0.125A Input Current
- Title 24 High Energy compliance for California (L70) at **50,000 hrs lifetime**
- **5 year warranty**

5-6"



Cat.No.	Beam	Accessory
AR-D56NF1+9/*	25°	Fixed ring
AR-D56NC1+9/*	25°	Cone
AR-D56NB1+9/*	25°	Baffle
AR-D56NA1+9/*	25°	Adjustable ring
AR-D56MF1+9/*	40°	Fixed ring
AR-D56MC1+9/*	40°	Cone
AR-D56MB1+9/*	40°	Baffle
AR-D56MA1+9/*	40°	Adjustable ring
AR-D56WF1+9/*	75°	Fixed ring
AR-D56WC1+9/*	75°	Cone
AR-D56WB1+9/*	75°	Baffle
AR-D56WA1+9/*	75°	Adjustable ring

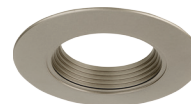
*Add **WH**, **AB** or **SN** for White, Satin Nickel or Antique Bronze

*Add **27**, **30**, **35**, **40** or **50** for **2700K**, **3000K**, **3500K**, **4000K** or **5000K**

Compliance & Approvals



White







Satin Nickel



Antique Bronze

CONFIGURATOR

													
Downlight Module	Size	Lens		Cone / Baffle / Ring		Acc Color		Trim / Acc Color		CRI		Color Temp	
AR-D56	5-6"	N	Narrow	C1		Cone		WH	White	9	CRI90	/ 27	2700K
		M	Medium	B1		Baffle		AB	Antique Bronze			/ 30	3000K
		W	Wide	F1		Fixed Ring		SN	Satin Nickel			/ 35	3500K
				A1		Adj Ring						/ 40	4000K
												/ 50	5000K

ORDERING EXAMPLE

AR-D + SIZE + LENS + C/B/R + T + CRI + CT = AL-D56NB1WH9/27

Downlight module	+ Size	+ Lens	+ Cone or Baffle or Ring	+ Trim	+ CRI	+ Color Temp
AR-D	56	N	B1	WH	9	/ 27

Pro Range 120V Dimmable 5-6" Professional Lighting Fixtures



CRI >  up to 100lm/W



Fixed White Ring

AR-D56NF1WH9/27

5 & 6" Light Fixture



15W ^{UP} _{TO} 1500lm



Fixed White Cone

AR-D56NC1WH9/30

5 & 6" Light Fixture



15W ^{UP} _{TO} 1500lm



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3 BEAM ANGLES

25°, 40° & 75°

See page 4 for more information



Fixed White Baffle

AR-D56MB1WH9/35

5 & 6" Light Fixture



15W ^{UP} _{TO} 1500lm



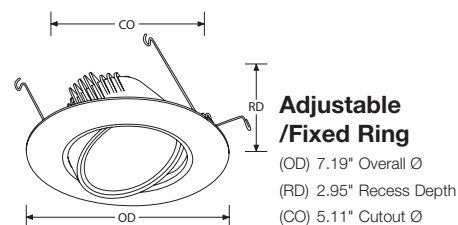
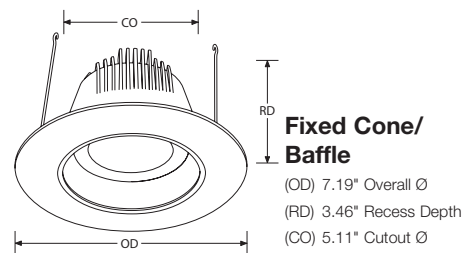
Adjustable White Ring

AR-D56NA1WH9/50

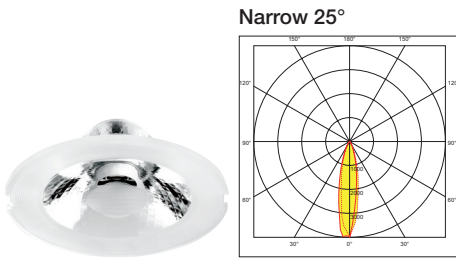
5 & 6" Light Fixture



15W ^{UP} _{TO} 1500lm

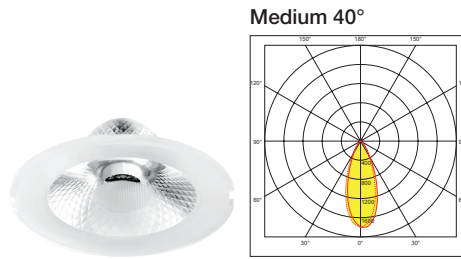


NEW ACCESSORY OPTICS LISTING



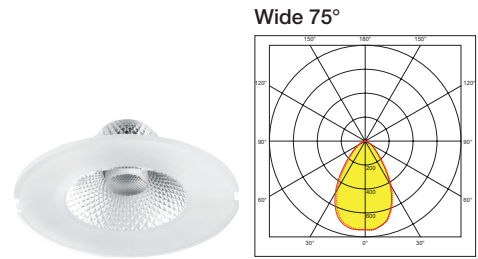
NEW AR-D04N
4" Narrow 25° Ledchroic lens

NEW AR-D56N
5-6" Narrow 25° Ledchroic lens



NEW AR-D04M
4" Medium 40° Ledchroic lens

NEW AR-D56M
5-6" Medium 40° Ledchroic lens



NEW AR-D04W
4" Wide 75° Ledchroic lens

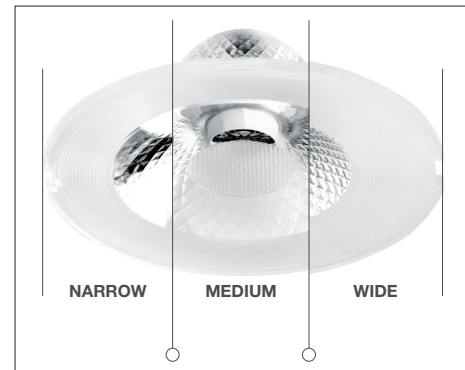
NEW AR-D56W
5-6" Wide 75° Ledchroic lens

Pro Range LED DOWNLIGHT



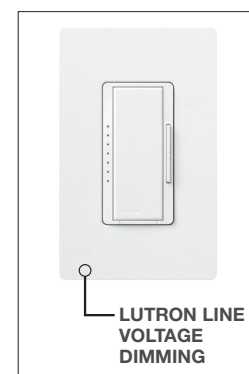
LM-79 LM-80

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LENS OPTION 1

LUTRON



Pro Range Energy Saving Case Study



4"

	PAR20 Halogen	Pro Range
Quantity of Fittings	100	100
Fitting Power Consumption	50 Watts	10 Watts
Total Power Consumption	5kW	1kW
Yearly Energy Cost	\$825	\$165
		Energy cost -\$660
		Energy consumption -80%

Usage assumed at 1500hrs/annum
 Energy cost assumed at \$0.11/kWhr
 For every kW of saving per annum, this equates to 1500 x \$0.11 = \$165 per annum

5-6"

	PAR30 Halogen	PAR38 Halogen	Pro Range
Quantity of Fittings	100	100	100
Fitting Power Consumption	90 Watts	120 Watts	15 Watts
Total Power Consumption	9kW	12kW	1.5kW
Yearly Energy Cost	\$1485	\$1980	\$247.50
		PAR30	Energy cost -\$1238
			Energy consumption -83%
		PAR38	Energy cost -\$1733
			Energy consumption -87.5%

Pro Range LED DOWNLIGHT



LM-79 LM-80

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V.01: 2019

USA Sales

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Warranty:

For full warranty information please visit:
Website: www.all-ledusa.com