

DEVI PLANE™

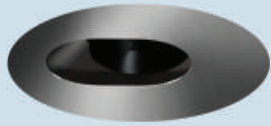
2" & 3" Inner-Diameter

Clarté Difference

Clarté is obsessed with LED/fixture thermal management, simple clean aesthetic lines, and optical performance that is best in class. Clarté's LEVEL Plane™ family of LED recessed downlights and trims provide a simple clean linear aesthetic. Fixtures can be specified with standard trimmed options, regress trim option, or a flush LEVEL Plane™ trim option.

Clarté LEVEL Plane™

Clarté's LEVEL Plane™ trims are designed to eliminate the aesthetic of a traditional lipid recessed trim with the updated aesthetic of a flush LEVEL Plane™, with the trim and drywall being on a LEVEL single plane. The simple clean LEVEL surface doesn't draw attention to the recessed fixtures installed, allowing for illumination with no glare, with a single clean, linear ceiling line.



Clarté Interchangeable Optics

All Clarté LED fixtures utilize four tool-less interchangeable optics. The narrow spot is a combination of the CREE XPL high intensity LED and the spot. Narrow flood and flood optics is a combination of the CREE XPL high density LED with a different optic to create each beam spread.

For XLEDs (Cree XPL) the optics create beams of:
NSP - 14°, SP - 17°, NFL - 22°, FL - 40°

Clarté Optical Performance

Clarté has designed and tooled our own proprietary LED optic to maximize the delivered lumens/foot candles of each fixture through distance. Due to the optical performance of Clarté fixtures, NO ceiling height is too high for the desired light level.

Clarté proprietary optical array:

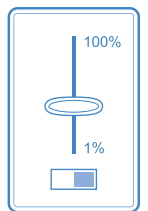
- Boasts a min to max ratio from the center beam to edge of beam of 3 to 1.
- Has a secondary field of light that extends beyond the beam field to improve min to max ratios.
- Projects a soft feathered beam edge.

	16W PAR16 1100 LUMENS		16W PAR16 1032 LUMENS		16W PAR16 1028 LUMENS		16W PAR16 915 LUMENS		
4'	585 fc	1.0'	587 fc	1.2'	371 fc	1.5'	115 fc	2.9'	4'
6'	260 fc	1.6'	261 fc	1.8'	165 fc	2.2'	51 fc	4.3'	6'
8'	146 fc	2.1'	147 fc	2.4'	93 fc	3.0'	29 fc	5.7'	8'
10'	94 fc	2.6'	94 fc	3.0'	59 fc	3.7'	18 fc	7.2'	10'
12'	65 fc	3.1'	65 fc	3.6'	41 fc	4.5'	13 fc	8.6'	12'
20'	23 fc	5.2'	24 fc	6.1'	15 fc	7.5'	5 fc	14.3'	20'
26.7'	13 fc	7.0'	8 fc	8.1'	8 fc	10.0'	3 fc	19.1'	26.7'
40'	6 fc	10.5'	6 fc	12.1'	4 fc	14.9'	1 fc	28.7'	40'
	NSP 14°		SP 17°		NFL 22°		FL 40°		

Multipliers: (8W/9W = .65) (12W/14W = .75)

Clarté Dimming Options

- Forward Phase Magnetic Low Voltage – Simple cost effective 2 wire dimming 100% to 1%
- 0-10V 1% - 3 wire dimming down to 1%
- 0-10V 5% - 3 wire dimming down to 5%
- DMX Dimming – Standard 27K, 3K, 35K, 4K or RGBW dimming down to .33%
- Lutron – 2 wire dimming from 100% to 1%, Utilize virtually in any incandescent dimming system but optimized for use in Lutron dimming systems.



Clarté Longevity

Clarté has developed a 10 Points of Light thermal management system with a 7 year warranty. Due to a combination of design and material selection Clarté has created one of the longest LM70 LM life's in the lighting industry with an LM70 life of 100,000 to 250,000 hrs depending upon the wattage of the LED trim selected.



clartelighting.com/wp-content/uploads/downloads/2016/07/10PointsOfLight_final_.pdf

Clarté Architectural Accessories

Up to 3 different accessories can be install over each optic, held in by a single retainer ring.

The combination of 4 different beams, and up to 12 different accessory options, allows for the lighting designer to create any desired visual end result per fixture.

Optional Elements

Cross Hair Louver

Small Hex Louver

Dimmed Halogen (300k lower)

Halogen Color Screen (150k lower)

Lens Softener

Wide Flood Lens

Linear Spread Lens

Straight-Sided Snoot

Red Screen

Blue Screen

Green Screen

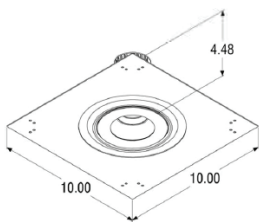
Yellow Screen

Amber Screen

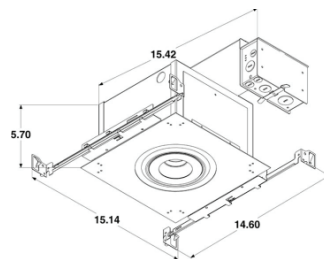
Clarté RGBW

Clarté offers all recessed LED fixtures with optional DMX RGBW LED to create any desired themed environment.

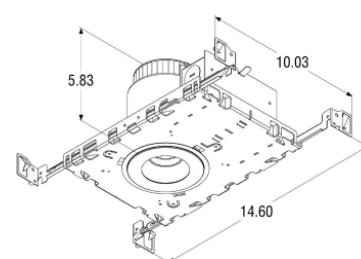
LEVEL Plane Mesh Screen
(can be used for all options)



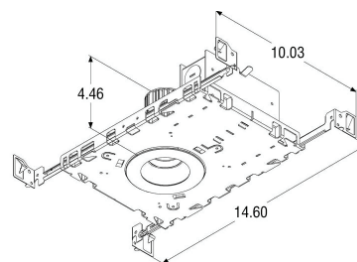
Clarté Architectural IC Housing



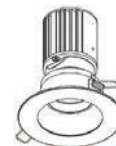
Clarté Standard IC Housing



Clarté Non-IC Housing



Clarté Remote Transformer



Clarté LEVEL Plane™ Trims

Clarté LEVEL Plane™ trims are designed to create the LEVEL Plane™ effect when paired with Clarté Architectural housings. When they are used with Clarté Standard housings, the classic recessed fixture effect is the result.

Clarté Trim Types

T



Classic Trim Style

T1*



LEVEL Plane™

T2*



1/2" Regress

T3*



Trimless

* Requires Architectural Housing

2" ID PAR16 Scale Recessed Trims



286
Square
40° Fixed
Wall Wash



287
Square
40° Adjustable
Recessed



288
Round
40° Fixed
Wall Wash



289
Round
40° Adjustable
Recessed



291
Round
45° Adjustable
Slot



294
Square
20° Adjustable
Shower Trim



296
Round
20° Adjustable
Shower Trim



297
Round
45° Adjustable
Pin Hole



298
Round
45° Adjustable
Shallow Regress



299
Round
20° Adjustable
Deep Regress

3" ID PAR16 Scale Recessed Trims



385
Round
Fixed
Semi-Recessed



386
Square
40° Fixed
Wall Wash



387
Square
45° Adjustable
Off Axis



388
Round
40° Fixed
Wall Wash



389
Round
50° Adjustable
Off Axis



390
Square
45° Adjustable
Shallow Regress



391
Round
40° Adjustable
Slot



392
Round
35° Adjustable
Shallow Regress



393
Round
20° Adjustable
Deep Regress



394
Square
20° Adjustable
Shower Trim



395
Square
20° Adjustable
Deep Regress



396
Round
20° Adjustable
Shower Trim



397
Round
40° Adjustable
Pin Hole



398
Round
40° Adjustable
Semi-Recessed



399
Round
20° Adjustable
Deep Regress

3" ID PAR20 Scale Recessed Trims



394 - P20
Square
20° Adjustable
Shower Trim



395 - P20
Square
20° Adjustable
Recessed



396 - P20
Round
20° Adjustable
Shower Trim



397 - P20
Round
Fixed
Pin Hole



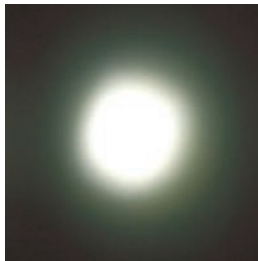
399 - P20
Round
20° Adjustable
Recessed

Product Information

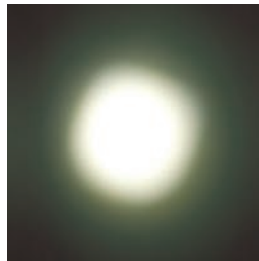
For complete product information, downloadable spec sheets, ordering instructions, and photometric testing data, please consult our web site at www.clartelighting.com or call customer service at (626) 261-4242.

Clarté Optics

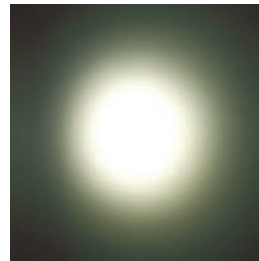
Shown below are photographs of the beams from the PAR16 Clarté light engine. The left column shows the beams using each of the standard optic options for the fixtures. Columns to the right show the beams resulting from the addition of Clarté's optical media. Up to four media elements per standard sized PAR16 and two media elements per small sized PAR 16 may be used.



PAR16 NSP



PAR16 SP



PAR16 NFL



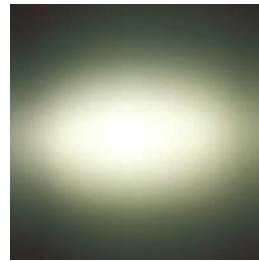
PAR16 FL



PAR16 NSP
Linear Spread Horizontal



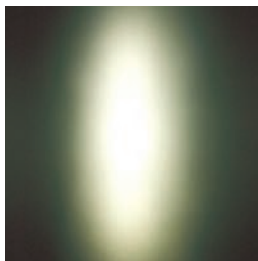
PAR16 SP
Linear Spread Horizontal



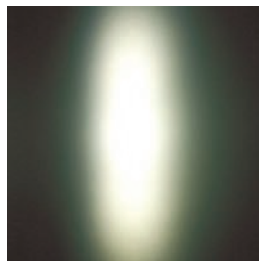
PAR16 NFL
Linear Spread Horizontal



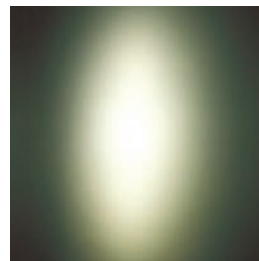
PAR16 FL
Linear Spread Horizontal



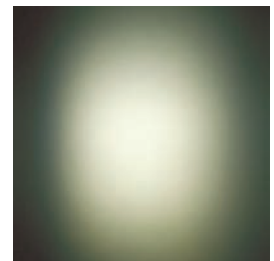
PAR16 NSP
Linear Spread Vertical



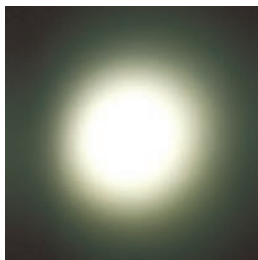
PAR16 SP
Linear Spread Vertical



PAR16 NFL
Linear Spread Vertical



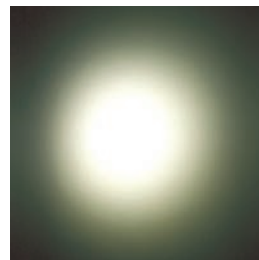
PAR16 FL
Linear Spread Vertical



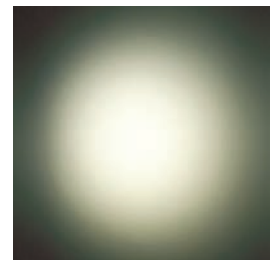
PAR16 NSP
Lens Softener +20% beam



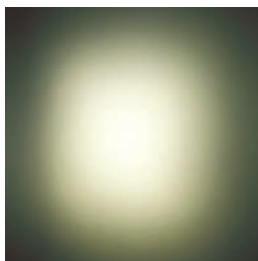
PAR16 SP
Lens Softener +20% beam



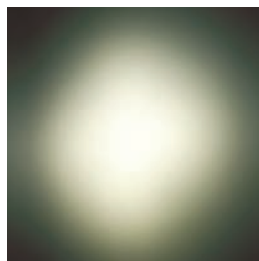
PAR16 NFL
Lens Softener +20% beam



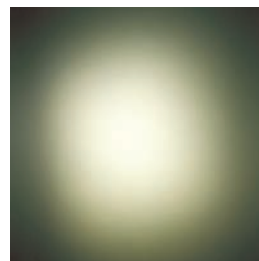
PAR16 FL
Lens Softener +20% beam



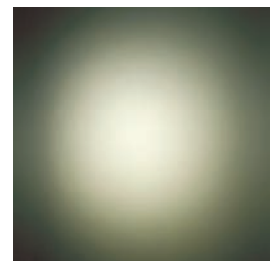
PAR16 NSP
Wide Flood - doubles beam



PAR16 SP
Wide Flood - doubles beam



PAR16 NFL
Wide Flood - doubles beam



PAR16 FL
Wide Flood - doubles beam

CLARTÉ™ LIGHTING



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