



A modern interior space featuring a hallway with recessed lighting and a living area with a fireplace and a television. The lighting is warm and ambient, highlighting the architectural details and the furniture.

CONSTELLATION

MINI 1.5 - RECESSED DOWNLIGHT & MULTIPLES

CONSTELLATION

MINI 1.5

The MINI 1.5 is a premium architectural downlight designed for seamless integration into modern spaces. With its compact form, it virtually disappears into the ceiling, delivering powerful lumen output while maintaining a refined, minimal aesthetic.

A 1.5" architectural downlight that disappears into the ceiling without giving up output.

- Up to 1,062 delivered lumens
- 90+ CRI
- UGR<13
- Fixed, adjustable, and wall wash
- Field changeable optics
- Trim options: Round, square, flanged or flangeless
- Single through triple configurations
- Field Serviceable from roomside



**DAMP
LOCATION**



NON-IC



IC



MERCURY®

Lighting Products



FEATURES

SOURCE INFORMATION

DELIVERED LUMENS	Up to 1062 lm per Light Engine
CONSUMPTION	Up to 10W per Light Engine
CURRENT	Up to 500mA
EFFICACY	Up to 121.4 lm/W per Light Engine
INPUT VOLTAGE	120VAC-277VAC
DIMMING	TRIAC/ELV / 0-10V (1%) / 10V PWM
CRI	90+ CRI, 3-Step SDCM
COLOR TEMP-CCT	2700K/3000K/3500K/4000K/Dim to Warm: 1800K-3000K
LIFE EXPECTANCY	L80 50,000 hrs.
ANTI-GLARE SYSTEM	UGR as low as <13
ADJUSTABLE TILT	30°, 360° Rotation
OPERATING TEMP	32°F to 77°F
SERVICEABILITY	Driver is removable from below ceiling

OPTICS ACCESSORY

Honeycomb louver & Linear Spread Lens

MATERIAL

Aluminum Die-Casting, Electrostatic Powder Coating

MINIMUM PLENUM SPACE

The minimum plenum space required is 4.5 inches.

CEILING THICKNESS

From 1/32" (1mm) up to 1 3/16" (30mm) for Single and Double.
From 1/32" (1mm) up to 25/32" (20mm) for Multiples.

COMPATIBLE CEILING TYPES

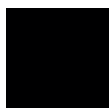
Drywall, T-Bar Grid, Acoustic Tile, Metal Ceiling.
And any material within the compatible thickness.



FEATURES

PRODUCT	APERTURE	MAX OUTPUT	TRIM OPTIONS	CEILING TYPES	TYPE	DIMMING OPTIONS	BEST FOR
CONSTELLATION MINI 1.5	1.5"	1,062 lm	Round/Square Flanged/Flangeless	Drywall, T-Bar grid, acoustic tile, metal	Fixed, adjustable, wallwash	0-10V (1%), TRIAC/ELV, 10V PWM (1%)	Everyday premium ambient + accent
CONSTELLATION MINI 1.5 DOUBLE	1.5"	888 lm per Light Engine	Rectangular Flanged	Drywall, T-Bar grid, acoustic tile, metal	Fixed, adjustable, wallwash	0-10V (1%), TRIAC/ELV, 10V PWM (1%)	Taller ceilings, higher output
CONSTELLATION MINI 1.5 MULTIPLES	1.5"	983 lm per Light Engine	Round/Square Flanged/Flangeless	Drywall, T-Bar grid, acoustic tile, metal	Adjustable (drops below ceiling plane during adjustment)	0-10V (1%), TRIAC/ELV, 10V PWM (1%)	Multi-aim clusters, islands, tables

TRIM FINISH



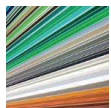
Black



White

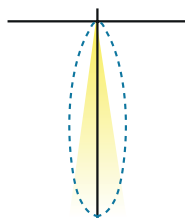


Trim white with black reflector insert
(For Single and Double only)

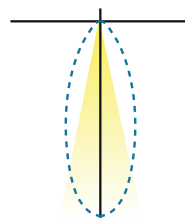


Custom

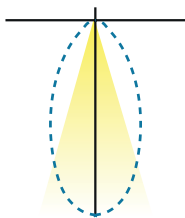
LENS BEAM ANGLE



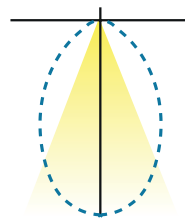
15°
Spot



24°
Narrow Flood

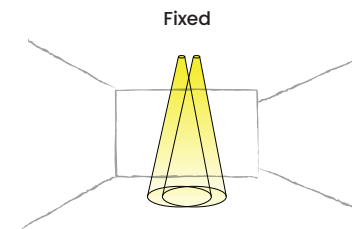


36°
Flood

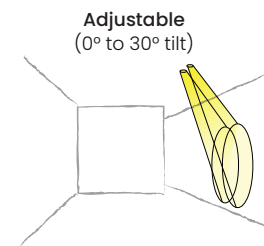


60°
Wide Flood

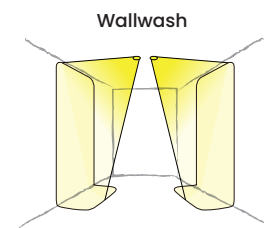
TYPE



Fixed



Adjustable
(0° to 30° tilt)



Wallwash

PERFORMANCE

SINGLE

WHITE STATIC – STANDARD

CONFIGURATION	3000K	APPROX. LM/W
Round Fixed	888 lm	104.4
Round Adjustable	842 lm	99.0
Round Wallwash	544 lm	64.0
Square Fixed	877 lm	103.1
Square Adjustable	780 lm	91.7
Square Wallwash	535 lm	62.9

DIM TO WARM – STANDARD

CONFIGURATION	DW	APPROX. LM/W
Round Fixed	464 lm	46.4
Round Adjustable	406 lm	40.6
Round Wallwash	273 lm	27.3
Square Fixed	455 lm	45.5
Square Adjustable	401 lm	40.1
Square Wallwash	268 lm	26.8

WHITE STATIC – SUPER OUTPUT

CONFIGURATION	3000K	APPROX. LM/W
Round Fixed	1,032 lm	121.4
Round Adjustable	995 lm	117.5
Round Wallwash	608 lm	71.5
Square Fixed	1,062 lm	124.9
Square Adjustable	911 lm	107.1
Square Wallwash	608 lm	71.5

DOUBLE

WHITE STATIC – PER LIGHT ENGINE

CONFIGURATION	3000K	APPROX. LM/W
Fixed	888 lm	104.4
Adjustable	842 lm	99.0
Wallwash	544 lm	64.0

DIM TO WARM – PER LIGHT ENGINE

CONFIGURATION	DW	APPROX. LM/W
Fixed	464 lm	46.4
Adjustable	406 lm	40.6
Wallwash	273 lm	27.3

MULTIPLES

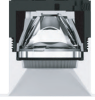
WHITE STATIC – PER LIGHT ENGINE

CONFIGURATION	3000K	APPROX. LM/W
Single mini snoot reflector	964 lm	113.4
Single maxi snoot reflector	964 lm	113.4
Double mini snoot reflector	964 lm	113.4
Double maxi snoot reflector	964 lm	113.4
Triple mini snoot reflector	964 lm	113.4
Triple maxi snoot reflector	964 lm	113.4

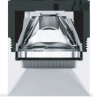
DIM TO WARM – PER LIGHT ENGINE

CONFIGURATION	DW	APPROX. LM/W
Single mini snoot reflector	574 lm	57.4
Single maxi snoot reflector	574 lm	57.4
Double mini snoot reflector	545 lm	54.5
Double maxi snoot reflector	545 lm	54.5
Triple mini snoot reflector	545 lm	54.5
Triple maxi snoot reflector	545 lm	54.5

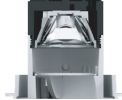
SINGLE & DOUBLE



FIXED



ADJUSTABLE



WALLWASH

ROUND

FLANGED TRIM



FLANGELESS TRIM



SQUARE

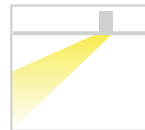
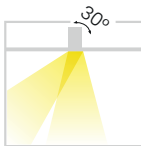
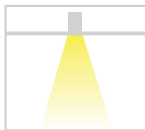
FLANGED TRIM



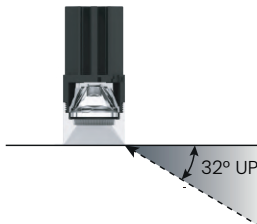
FLANGELESS TRIM



2 LIGHT TRIM



CUTOFF ANGLE





CONSTELLATION

MINI 1.5 SINGLE

COLOR TEMP-CCT
2700K/3000K/3500K/4000K/DIM TO WARM



MODEL	TRIM	LIGHT ENGINE	LUMEN*	CURRENT*	CONSUMPTION*	LENS BEAM ANGLE
ROUND FIXED						
CTL-M-1.5-RD-TF-FX	FLANGED	STANDARD	UP TO 888LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5-RD-TL-FX	FLANGELESS	STANDARD	UP TO 888LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5S-RD-TF-FX	FLANGED	SUPER OUTPUT	UP TO 1032LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
CTL-M-1.5S-RD-TL-FX	FLANGELESS	SUPER OUTPUT	UP TO 1032LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
ROUND ADJUSTABLE						
CTL-M-1.5-RD-TF-AD	FLANGED	STANDARD	UP TO 842LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5-RD-TL-AD	FLANGELESS	STANDARD	UP TO 842LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5S-RD-TF-AD	FLANGED	SUPER OUTPUT	UP TO 995LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
CTL-M-1.5S-RD-TL-AD	FLANGELESS	SUPER OUTPUT	UP TO 995LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
ROUND WALLWASH						
CTL-M-1.5-RD-TF-WW	FLANGED	STANDARD	UP TO 544LM	UP TO 500mA	UP TO 10W	15° only
CTL-M-1.5-RD-TL-WW	FLANGELESS	STANDARD	UP TO 544LM	UP TO 500mA	UP TO 10W	15° only
CTL-M-1.5S-RD-TF-WW	FLANGED	SUPER OUTPUT	UP TO 608LM	UP TO 500mA	UP TO 8.5W	15° only
CTL-M-1.5S-RD-TL-WW	FLANGELESS	SUPER OUTPUT	UP TO 608LM	UP TO 500mA	UP TO 8.5W	15° only
SQUARE FIXED						
CTL-M-1.5-SQ-TF-FX	FLANGED	STANDARD	UP TO 877LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5-SQ-TL-FX	FLANGELESS	STANDARD	UP TO 877LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5S-SQ-TF-FX	FLANGED	SUPER OUTPUT	UP TO 1062LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
CTL-M-1.5S-SQ-TL-FX	FLANGELESS	SUPER OUTPUT	UP TO 1062LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
SQUARE ADJUSTABLE						
CTL-M-1.5-SQ-TF-AD	FLANGED	STANDARD	UP TO 780LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5-SQ-TL-AD	FLANGELESS	STANDARD	UP TO 780LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-M-1.5S-SQ-TF-AD	FLANGED	SUPER OUTPUT	UP TO 911LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
CTL-M-1.5S-SQ-TL-AD	FLANGELESS	SUPER OUTPUT	UP TO 911LM	UP TO 500mA	UP TO 8.5W	15°/24°/36°/60°
SQUARE WALLWASH						
CTL-M-1.5-SQ-TF-WW	FLANGED	STANDARD	UP TO 535LM	UP TO 500mA	UP TO 10W	15° only
CTL-M-1.5-SQ-TL-WW	FLANGELESS	STANDARD	UP TO 535LM	UP TO 500mA	UP TO 10W	15° only
CTL-M-1.5S-SQ-TF-WW	FLANGED	SUPER OUTPUT	UP TO 608LM	UP TO 500mA	UP TO 8.5W	15° only
CTL-M-1.5S-SQ-TL-WW	FLANGELESS	SUPER OUTPUT	UP TO 608LM	UP TO 500mA	UP TO 8.5W	15° only

*Per Light Engine

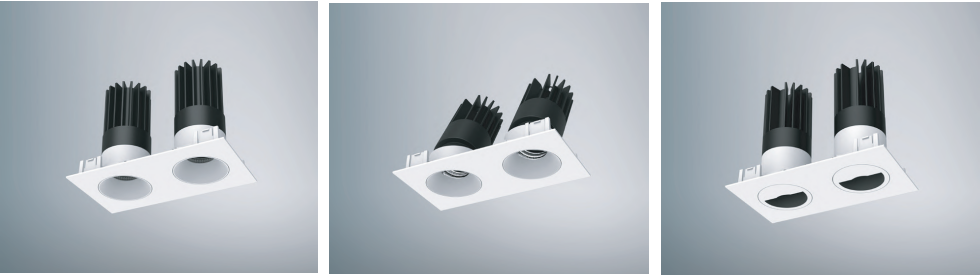
Actual performance may differ by +/- 15% when operating between 120V-277V +/- 10%.



CONSTELLATION

MINI 1.5 DOUBLE

COLOR TEMP-CCT
2700K/3000K/3500K/4000K/DIM TO WARM



FIXED

ADJUSTABLE

WALLWASH

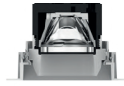
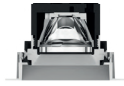
MODEL	LUMEN*	CURRENT*	CONSUMPTION*	LENS BEAM ANGLE
FIXED				
CTL-M-1.5-RD-TF-FX-DB	UP TO 888LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
ADJUSTABLE				
CTL-M-1.5-RD-TF-AD-DB	UP TO 842LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
WALLWASH				
CTL-M-1.5-RD-TF-WW-DB	UP TO 544LM	UP TO 500mA	UP TO 10W	15° only

*Per Light Engine Actual performance may differ by +/- 15% when operating between 120V-277V +/- 10%.





MULTIPLES



SINGLE ROUND

FLANGED TRIM



FLANGELESS TRIM



SINGLE SQUARE

FLANGED TRIM



FLANGELESS TRIM



DOUBLE

FLANGED TRIM



FLANGELESS TRIM



TRIPLE

FLANGED TRIM

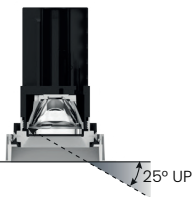


FLANGELESS TRIM

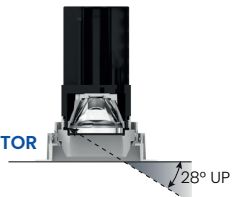


CUTOFF ANGLE

MINI SNOOT REFLECTOR



MAXI SNOOT REFLECTOR



CONSTELLATION

MINI 1.5 MULTIPLES

COLOR TEMP-CCT
2700K/3000K/3500K/4000K/DIM TO WARM



MODEL	TRIM	REFLECTOR	LUMEN*	CURRENT*	CONSUMPTION*	LENS BEAM ANGLE
ROUND SINGLE						
CTL-MPS-1.5-RD-TF-SH-SG	FLANGED	MINI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-RD-TL-SH-SG	FLANGELESS	MINI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-RD-TF-LG-SG	FLANGED	MAXI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-RD-TL-LG-SG	FLANGELESS	MAXI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
SQUARE SINGLE						
CTL-MPS-1.5-SQ-TF-SH-SG	FLANGED	MINI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TL-SH-SG	FLANGELESS	MINI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TF-LG-SG	FLANGED	MAXI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TL-LG-SG	FLANGELESS	MAXI SNOOT	UP TO 964LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
SQUARE DOUBLE						
CTL-MPS-1.5-SQ-TF-SH-DB	FLANGED	MINI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TL-SH-DB	FLANGELESS	MINI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TF-LG-DB	FLANGED	MAXI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TL-LG-DB	FLANGELESS	MAXI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
SQUARE TRIPLE						
CTL-MPS-1.5-SQ-TF-SH-TP	FLANGED	MINI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TL-SH-TP	FLANGELESS	MINI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TF-LG-TP	FLANGED	MAXI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°
CTL-MPS-1.5-SQ-TL-LG-TP	FLANGELESS	MAXI SNOOT	UP TO 983LM	UP TO 500mA	UP TO 10W	15°/24°/36°/60°

*Per Light Engine

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