



Rubicon[™]

Exterior
LED Lighting
Spot/Floodlight Bullet

Rubicon™ | Architectural Floodlight Bullet

Constructed of architectural grade die-cast aluminum, combined with a dual-layer UV stabilized powder coat, the Rubicon floodlight bullet is designed to withstand the harshest exterior environments. Designed from the ground up, Rubicon is a highly efficient luminaire and features a universal 120 / 277V input. With its powerful performance and flexibility for field modification, Rubicon sets the new standard for commercial exterior floodlighting.







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Rubicon™

Exterior LED Flood Lighting

Rubicon Is Versatile

- Two Luminaire Sizes and Power Options
- Multiple Lumen Packages up to 2000lm
- Available in 4 Standard Finishes
- Multiple Mounting Options
- Diverse Accessory Options

Rubicon Is Feature Enriched

- 120 / 277V Universal Input
- Quarter Turn Locking Cap for Quick Accessory Installation
- Field Changeable Optics
- 120V ELV/Triac Dimming Standard
- 2-Step MacAdam Binning

Rubicon Is Dependable

- Rugged Construction
- All Die-Cast 6061 Aluminum
- Dual-Layer Powder Coat UV Stabilized for Durability
- DLC Listed (3000K / 82 CRI, 3500K and 4100K - 120V Only)
- 5-Year Intense Exterior LED Limited Warranty



Built From
The Ground Up



Key Features

- Universal input 120 / 277V
- 120V (ELV / Triac) dimming standard
- Up to 11,700 CBCP In 14W and 16,200 CBCP In 29W
- Quarter-turn access to filter media allows for quick field changes
- Filters include vertical and horizontal linear spread, Solite, and hex louver
- Full 360° horizontal aiming and locking using stainless steel hardware
- Deep recessed LED minimizes glare providing single point source beam control
- 2-Step MacAdam binning produces best-in-class color consistency among like luminaires
- 2700K, 3000K, 3500K, and 4100K CCT
- 82 or 90 CRI (90 CRI 2700K and 3000K only)

Catalog Number	System Wattage *	Delivered Lumens **	Efficacy
IVT702L1830-FL	10W	855lm @ 3000K / 82 CRI	87 LPW
IVT702L2830-FL	14W	1012lm @ 3000K / 82 CRI	73 LPW
IVT704L1830-NF	21W	1516lm @ 3000K / 82 CRI	73 LPW
IVT704L2830-NF	29W	2123lm @ 3000K / 82 CRI	72 LPW

* System wattage includes driver and LED module consumption.

** Delivered lumen output will vary depending on CCT, CRI and optic selection.

Correlated Color Temperature (CCT) Multipliers

IVT702 & IVT704

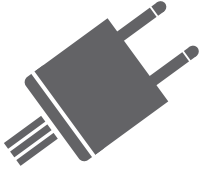
2700K / 82 CRI (x 0.92), 2700K / 90 CRI (x0.73)

3000K / 90 CRI (x0.8)

3500K / 82 CRI (x1.04)

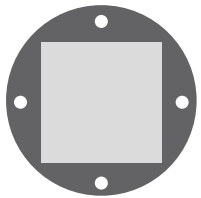
4000K / 82 CRI (x1.07)

Key Product Features



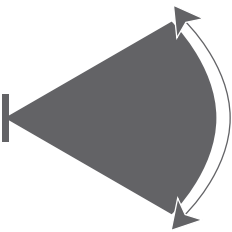
Universal Input

First-class, high quality integral LED driver offers 120 / 277V universal input standard with 120V dimming. 1/2" NPT mounting allows for multiple mounting methods.



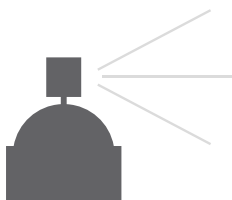
Performance Driven LED

Multiple lumen packages are available from 850lm to 2000lm. 2-Step MacAdam binning produces best-in-class color consistency among like luminaires. Deep recessed LED offers excellent glare control and shielding. Single point source LED eliminates undesirable multiple shadows.



Optical Control

Multiple optics are available ranging from spot to flood distribution. The Rubicon Mini features a specialized TIR optic selection including a 12° spot with 11,700 CBCP and 13 candelas per lumen. All optics are easily field changeable and multiple accessories are available, including vertical and horizontal linear spread lenses, Solite, and hex louvers.



Exterior Finish

A UV stabilized, dual-layer powder coat has been implemented for extreme durability. A polyester overcoat has been employed, with an epoxy undercoat for corrosion resistance.



Mounting Options

Yoke Mount

Available for both the Rubicon Mini and IVT704 models, the yoke mount allows for in field aiming/locking a full 360° horizontally and 180° vertically to meet the needs of virtually any installation.



Knuckle Mount

Available for both the Rubicon Mini and IVT704 models, the knuckle mount allows for in field aiming/locking a full 360° horizontally and 150° vertically to meet the needs of virtually any installation.







Lens Options

Quarter-turn access to filter media allows for quick field modification. Luminaire will accommodate up to (2) accessories with no holder required. Linear spread lens, Solite lens, 60 x 10 horizontal, 60 x 10 vertical, 90 x 30 horizontal, and black hex louver are available.

For additional beam control, the Rubicon 45° cutoff directional shield can be specified as factory installed or ordered separately.

Catalog Number	Linear Spread Lens	Solite Lens	60 x 10 Horizontal	60 x 10 Vertical	90 x 30 Horizontal	90 x 30 Vertical	Black Hex Louver
IVT702	PFL2-71	PFL4-71	PFL6-1H71	PFL6-1V71	PFL9-3H71	PFL9-3V71	PFL16B-71
IVT704	PFL2-80	PFL4-80	PFL6-1H80	PFL6-1V80	PFL9-3H80	PFL9-3V80	PFL16B-80

Notes: Color filters available, consult factory. Minimum order quantity applies.

IVT702



Rubicon™ Mini

Floodlight Bullet IVT720Y

The compact Rubicon Mini is constructed of die-cast 6061 architectural grade aluminum with a dual-layer, UV stabilized powder coat. Rubicon Mini is high performance from its core through its finish. While miniature in size, the Rubicon Mini delivers 850 and 1000 lumens. High performance TIR optics offer spot, narrow flood and flood distributions in a small, IP66 rated form-factor.

Rubicon Mini Features

- 850lm / 10W, 1000lm / 14W output
- Integral power supply with 120V / 277V universal input
- Best-in-class LED color consistency within 2-Step MacAdam ellipses
- Lockable 360° horizontal aiming on yoke and knuckle
- Lockable 180° vertical aiming on yoke
- Lockable 150° vertical aiming on knuckle
- All stainless steel hardware
- 12° Spot, 24° Narrow Flood, 40° Flood optics
- 2700K, 3000K, 3500K, 4100K
- 82 or 90 CRI (90 CRI 2700K and 3000K only)
- Optional 45° cutoff directional shield
- ETL Listed to US and Canadian standards for wet locations
- DLC Listed (3000K / 82 CRI, 3500K and 4100K - 120V Only)
- 5-Year Intense Exterior LED Limited Warranty

Specification:

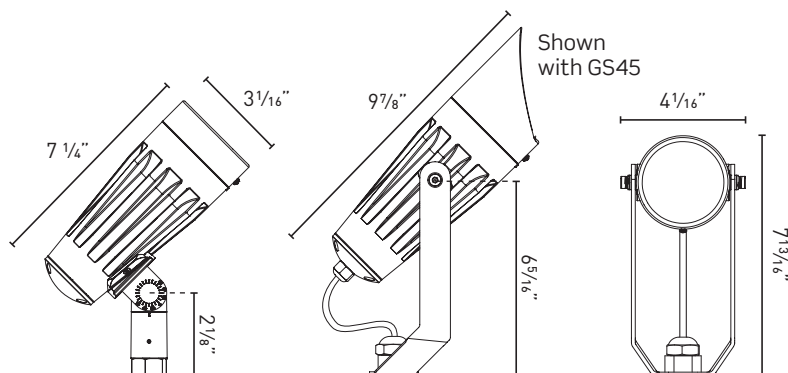
Example: IVT702KL2827-FLBL

	Mounting Style
IVT702K	Knuckle Mount
IVT702Y	Yoke Mount
	Lumens / Wattage
L1	850lm / 10W ¹
L2	1000lm / 14W ¹
	CCT / CRI
827	2700K / 82 CRI
927	2700K / 90 CRI
830	3000K / 82 CRI
930	3000K / 90 CRI
835	3500K / 82 CRI
841	4100K / 82 CRI
	Optic
-SP	12° Spot
-NF	24° Narrow Flood
-FL	40° Flood
	Finish
BL	Black Textured Matte
B1	Bronze Textured Matte
WH	White Textured Matte
CC	Custom Color RAL Code ²
	Accessories
-GS45	45° Cutoff Directional Shield

*See page 9 for accessories

Notes:

1. Delivered lumen output will vary depending on CCT, CRI and beam spread
2. Custom powder coat finishes available, consult factory. Minimum order quantity applies.

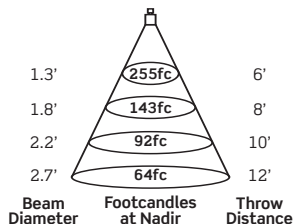


Rubicon™ Mini

IVT702 Photometrics

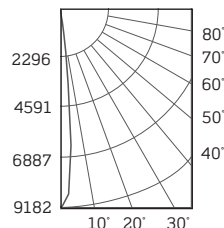
IVT702L1830-SP

Beam Spread: 12° Spot
Watts: 9.9
Lumens: 679
LPW: 69
CCT: 3000K
CRI: 82



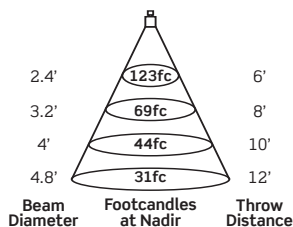
Candelas at Nadir

Degree	CBCP
0°	9182
5°	6355
15°	441
25°	102
35°	38
45°	24



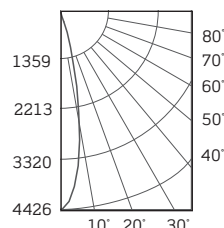
IVT702L1830-NF

Beam Spread: 24° Narrow Flood
Watts: 9.9
Lumens: 845
LPW: 86
CCT: 3000K
CRI: 82



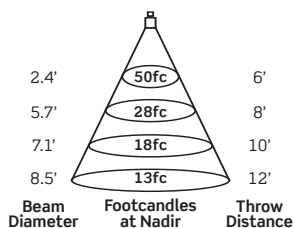
Candelas at Nadir

Degree	CBCP
0°	4426
5°	3929
15°	1258
25°	190
35°	44
45°	17



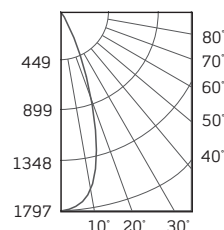
IVT702L1830-FL

Beam Spread: 40° Flood
Watts: 9.9
Lumens: 855
LPW: 87
CCT: 3000K
CRI: 82



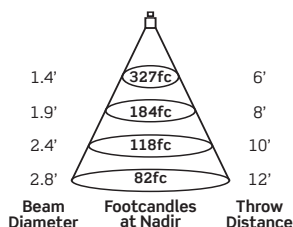
Candelas at Nadir

Degree	CBCP
0°	1797
5°	1764
15°	1297
25°	476
35°	117
45°	29



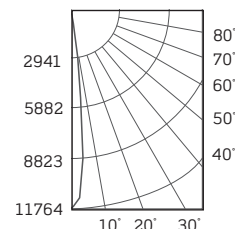
IVT702L2830-SP

Beam Spread: 12° Spot
Watts: 14
Lumens: 923
LPW: 67
CCT: 3000K
CRI: 82



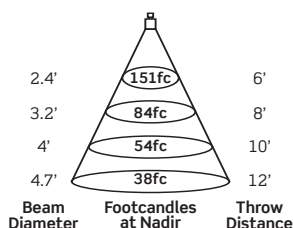
Candelas at Nadir

Degree	CBCP
0°	11764
5°	8794
15°	574
25°	132
35°	54
45°	31



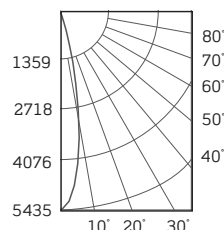
IVT702L2830-NF

Beam Spread: 24° Narrow Flood
Watts: 14
Lumens: 990
LPW: 72
CCT: 3000K
CRI: 82



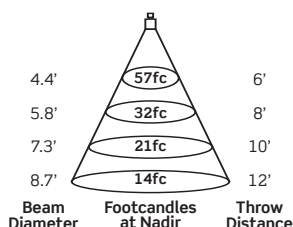
Candelas at Nadir

Degree	CBCP
0°	5435
5°	4783
15°	1483
25°	201
35°	47
45°	19



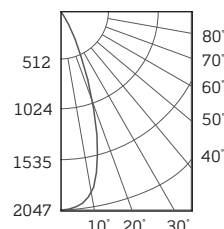
IVT702L2830-FL

Beam Spread: 40° Flood
Watts: 14
Lumens: 1012
LPW: 73
CCT: 3000K
CRI: 82



Candelas at Nadir

Degree	CBCP
0°	2047
5°	2020
15°	1531
25°	572
35°	142
45°	35



Correlated Color Temperatures (CCT) Multipliers:

2700K / 82 CRI (x 0.92)

2700K / 90 CRI (x 0.73)

3000K / 90 CRI (x 0.8)

3500K / 82 CRI (x 1.04)

4000K / 82 CRI (x 1.07)



IVT704



Rubicon™

Floodlight Bullet

The high power Rubicon is quality and power from materiality through its performance. The IP66 rated luminaire delivers up to 2000lm, making it the ideal solution for the most demanding landscape applications. A deep recessed, high density COB LED array delivers first class performance and efficiency.

Rubicon Features

- 1500lm / 21W, 2000lm / 29W
- Integral power supply with 120 / 277V universal input
- Best-in-class LED color consistency within 2-Step MacAdam ellipses
- Lockable 360° horizontal aiming on yoke and knuckle
- Lockable 180° vertical aiming on yoke
- Lockable 150° vertical aiming on knuckle
- All stainless steel hardware
- 15° Spot, 25° Narrow Flood, 40° Flood optics
- 2700K, 3000K, 3500, 4100K
- 82 or 90 CRI (90 CRI 2700K and 3000K only)
- Optional 45° Cutoff directional shield
- ETL Listed to US and Canadian standards for wet locations
- 5-Year Intense Exterior LED Limited Warranty

Specification:

Example: IVT704KL2827-FLBL

Mounting Style

- IVT704K** Knuckle Mount
IVT704Y Yoke Mount

Lumens / Wattage

- L1** 1500lm / 21W ¹
L2 2000lm / 29W ¹

CCT / CRI

- 827** 2700K / 82 CRI
927 2700K / 90 CRI
830 3000K / 82 CRI
930 3000K / 90 CRI
835 3500K / 82 CRI
841 4100K / 82 CRI

Optic

- SP** 12° Spot
-NF 24° Narrow Flood
-FL 40° Flood

Finish

- BL** Black Textured Matte
B1 Bronze Textured Matte
WH White Textured Matte
CC Custom Color RAL Code ²

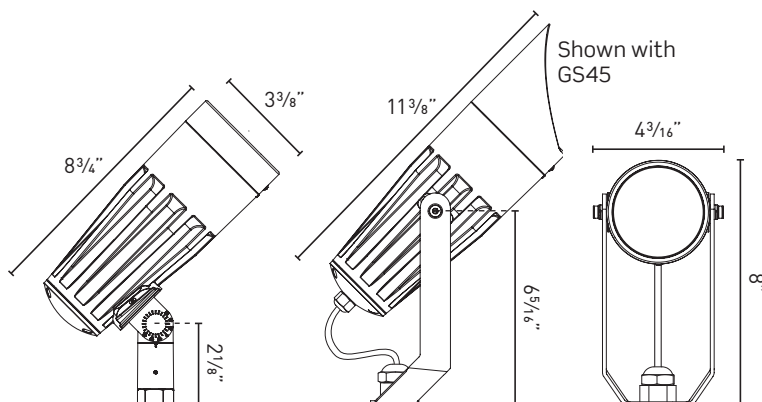
Accessories

- GS45** 45° Cutoff Directional Shield

*See page 9 for accessories

Notes:

1. Delivered lumen output will vary depending on CCT, CRI and beam spread
2. Custom powder coat finishes available, consult factory. Minimum order quantity applies.

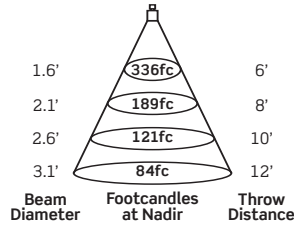


Rubicon™

IVT704 Photometrics

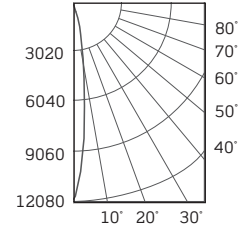
IVT704L1830-SP

Beam Spread: 15° Spot
Watts: 20.7
Lumens: 1533
LPW: 74
CCT: 3000K
CRI: 82



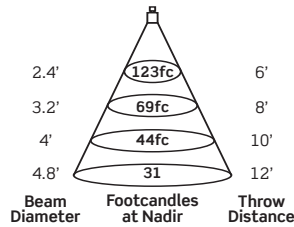
Candelas at Nadir

Degree	CBCP
0°	12080
5°	8324
15°	2073
25°	368
35°	60
45°	31



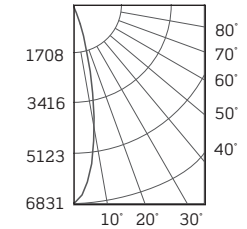
IVT704L1830-NF

Beam Spread: 25° Narrow Flood
Watts: 20.8
Lumens: 1516
LPW: 73
CCT: 3000K
CRI: 82



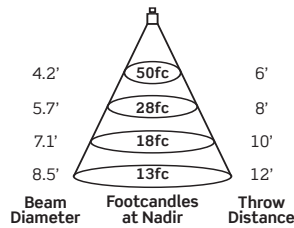
Candelas at Nadir

Degree	CBCP
0°	6831
5°	6113
15°	2412
25°	418
35°	64
45°	33



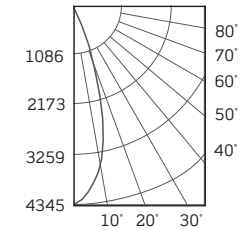
IVT704L1830-FL

Beam Spread: 40° Flood
Watts: 20.7
Lumens: 1461
LPW: 71
CCT: 3000K
CRI: 82



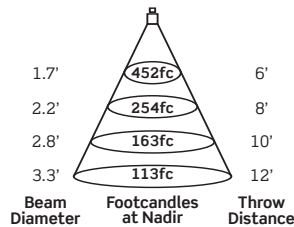
Candelas at Nadir

Degree	CBCP
0°	4345
5°	4077
15°	2574
25°	577
35°	71
45°	33



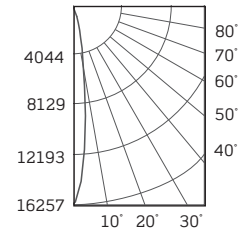
IVT704L2830-SP

Beam Spread: 15° Spot
Watts: 29.3
Lumens: 2112
LPW: 72
CCT: 3000K
CRI: 82



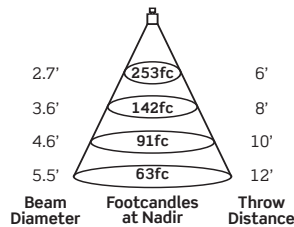
Candelas at Nadir

Degree	CBCP
0°	16257
5°	11812
15°	2796
25°	604
35°	70
45°	27



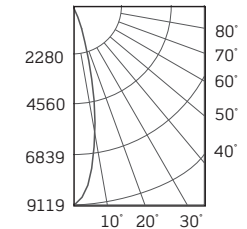
IVT704L2830-NF

Beam Spread: 25° Narrow Flood
Watts: 29.4
Lumens: 2123
LPW: 72
CCT: 3000K
CRI: 82



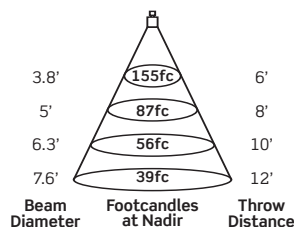
Candelas at Nadir

Degree	CBCP
0°	9119
5°	8264
15°	3509
25°	718
35°	76
45°	29



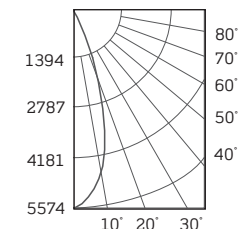
IVT704L2830-FL

Beam Spread: 40° Flood
Watts: 29.4
Lumens: 1996
LPW: 68
CCT: 3000K
CRI: 82



Candelas at Nadir

Degree	CBCP
0°	5574
5°	5288
15°	3535
25°	963
35°	93
45°	32



Correlated Color Temperatures (CCT) Multipliers:

2700K / 82 CRI (x 0.92)

2700K / 90 CRI (x 0.73)

3000K / 90 CRI (x 0.8)

3500K / 82 CRI (x 1.04)

4000K / 82 CRI (x 1.07)



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