

SPECIFICATIONS

Exterior



BSP715

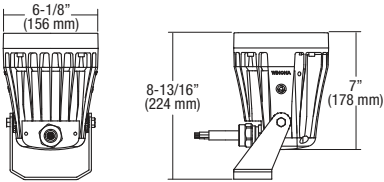
BLANCA

Type:

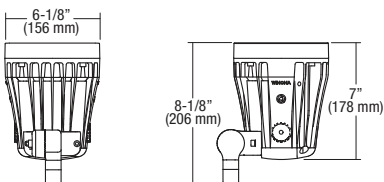
Project:

Qty:

700YK2 MEDIUM YOKE MOUNT



700KNL1 KNUCKLE MOUNT



Construction

Rugged die cast aluminum housing with clear tempered glass lens & 100% silicone rubber gaskets. All hardware is corrosion resistant stainless steel.

Source

Powerful 18 LED light engine is available in 4 color temperature options. The light engine combined with a highly effective heat sink produces excellent efficacy up to 68.1 lumens per watt. Lumen output is up to 1,471 lumens based on 3000K CCT. L70 > 60,000 hours @ 40°C.

Optics

Highly efficient collimated lenses combined with various holographic films produce one of five distributions for a wide variety of applications.

Electrical

Integral electronic driver consumes 21.6W. Driver input is universal 120-277V and is equipped with 0-10V dimming to 10% standard. FCC Class A Part 15 Subpart B compliant.

Environment

ETL / cETL listed wet location and IP66 rated. Ambient operating temperature is -20° to 40°C.

Finish

6 stage pre-treated polyester powder coat painted finish is available in four standard colors. Custom colors are also available by modification.

Warranty

5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Assembled in America (Buy American Act Compliant)

CATALOG NUMBER

Example: BSP715 700YK2 10DEG LSS2A 27K MVOLT WHT

Series		Mounting Accessory		Distribution		Source		Color Temperature		Voltage	
BSP715	Bianca White LED Medium Spot	700YK2	Medium Yoke Mount (700 Spot)	10DEG	10 Degrees	LSS2A	LED Spot 2	27K	2700K CCT	MVOLT	Multi Volt 120V thru 277V
		700KNL1	Knuckle Mount (700 Spot)	20DEG	20 Degrees			30K	3000K CCT		
				40DEG	40 Degrees			35K	3500K CCT		
				60DEG	60 Degrees			40K	4000K CCT		
				60X20DEG	60 Degrees x 20 Degrees						
Internal Shielding		External Shielding		Finish				Special			
(Blank)	No Internal Shielding	(Blank)	No External Shielding	BKT	Black Textured			MOD*		Modification / Consult Factory	
BF4	Baffle (Fits 715/717 Medium Spot)	GV4	Glare Visor (Fits 715/717 Medium Spot)	WHT	White Textured						
		TH4	Top Hat (Fits 715/717 Medium Spot)	DBT	Dark Bronze Textured						
				SIT	Silver Textured						
				CPF*	Custom Paint Finish						

Describe Modification:	Notes	Weight
	<ul style="list-style-type: none">Performance data for 27K, 35K and 40K based on 30K LM79 test results and multiplier.See page 4 for accessory details.*Available by modification only. Consult factory.	BSP715: 7 lbs. (3.2 kg)

BSP715

BLANCA

Type:

Project:

Qty:

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

LEDs	System Watts	Nominal Distribution	Beam Angle	Field Angle	2700K			3000K			3500K			4000K		
					Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
18	22.7	10	27	27	12	12	16690	1507	69	17207	1554	71	19960	1802	83	20648
		20	36	36	17	17	9252	1426	66	9539	1471	68	11065	1706	78	11446
		40	78	78	41	41	2320	1439	66	2392	1484	68	2774	1721	79	2870
		60	107	107	57	57	1313	1438	66	1354	1483	68	1570	1720	79	1624
		60 x 20	94	47	56	20	3259	1464	67	3360	1510	69	3897	1751	81	4032

ELECTRICAL LOAD

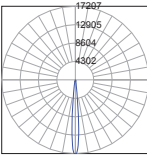
Model	System Watts	Current (A)					
		120	208	240	277	347	480
BSP715	21W	0.20	0.12	0.10	0.09		

PHOTOMETRIC DIAGRAMS

10° DISTRIBUTION

Test Report: BAL17235
IES LM 79-08
BSP-715-10-30K
Lumens: 1,471
Wattage: 21.6W
Efficacy: 68.1
Max. Candela: 9,539

ISO Candela Plot



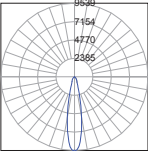
Illuminance at a Distance

	Center Beam fc	Beam Width
10'	167.9 fc	1' 5"
20'	43.7 fc	2' 10"
30'	20.3 fc	4' 2"
40'	12.1 fc	5' 7"
50'	7.4 fc	7' 0"

20° DISTRIBUTION

Test Report: BAL17236
IES LM 79-08
BSP-715-20-30K
Lumens: 1,475
Wattage: 21.6W
Efficacy: 68.6
Max. Candela: 2,631

ISO Candela Plot



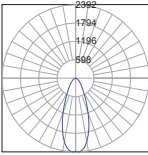
Illuminance at a Distance

	Center Beam fc	Beam Width
10'	94.6 fc	1' 9"
20'	24.4 fc	3' 6"
30'	11.3 fc	5' 3"
40'	6.7 fc	7' 0"
50'	4.1 fc	8' 9"

40° DISTRIBUTION

Test Report: BAL17237
IES LM 79-08
BSP-715-40-30K
Lumens: 1,483
Wattage: 21.6W
Efficacy: 69.1
Max. Candela: 2,392

ISO Candela Plot



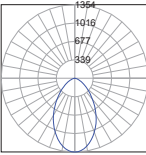
Illuminance at a Distance

	Center Beam fc	Beam Width
10'	24.0 fc	7' 3"
20'	6.1 fc	14' 7"
30'	2.8 fc	21' 10"
40'	1.7 fc	29' 1"
50'	1.0 fc	36' 5"

60° DISTRIBUTION

Test Report: BAL17238
IES LM 79-08
BSP-715-60-30K
Lumens: 1,483
Wattage: 21.6W
Efficacy: 69
Max. Candela: 1,354

ISO Candela Plot



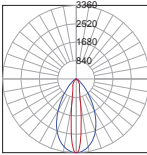
Illuminance at a Distance

	Center Beam fc	Beam Width
10'	13.6 fc	11' 6"
20'	3.5 fc	23' 1"
30'	1.6 fc	34' 7"
40'	1.0 fc	46' 2"
50'	0.6 fc	57' 8"

60° x 20° DISTRIBUTION

Test Report: BAL17239
IES LM 79-08
BSP-715-6020
Lumens: 1,510
Wattage: 21.6W
Efficacy: 70.3
Max. Candela: 3,360

ISO Candela Plot



Illuminance at a Distance

	Center Beam fc	Beam Width
10'	33.6 fc	60" 20" 7' 3" 1' 9"
20'	8.6 fc	14' 7" 3' 6"
30'	4.0 fc	21' 10" 5' 3"
40'	2.4 fc	29' 1" 7' 0"
50'	1.4 fc	36' 5" 8' 9"

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens) **1554**
Watts **21.59**
Lumens per Watt (Efficacy) **71**

Color Accuracy
Color Rendering Index (CRI) **85**

Light Color
Correlated Color Temperature (CCT) **2992 (Warm White)**

Warm White 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: N2B8-773192 (7/12/2013)
Model Number: BSP-715-10-30K-120-277V
Type: Flood or Spotlight Fixture

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens) **1471**
Watts **21.6**
Lumens per Watt (Efficacy) **68**

Color Accuracy
Color Rendering Index (CRI) **85**

Light Color
Correlated Color Temperature (CCT) **2984 (Warm White)**

Warm White 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: N2B8-84PGJG (7/12/2013)
Model Number: BSP-715-20-30K-120-277V
Type: Flood or Spotlight Fixture

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens) **1484**
Watts **21.48**
Lumens per Watt (Efficacy) **69**

Color Accuracy
Color Rendering Index (CRI) **85**

Light Color
Correlated Color Temperature (CCT) **3010 (Bright White)**

Warm White 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: N2B8-VTAX3Y (7/12/2013)
Model Number: BSP-715-40-30K-120-277V
Type: Flood or Spotlight Fixture

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens) **1483**
Watts **21.47**
Lumens per Watt (Efficacy) **69**

Color Accuracy
Color Rendering Index (CRI) **85**

Light Color
Correlated Color Temperature (CCT) **3010 (Bright White)**

Warm White 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: N2B8-HAVD11 (7/12/2013)
Model Number: BSP-715-60-30K-120-277V
Type: Flood or Spotlight Fixture

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens) **1510**
Watts **21.49**
Lumens per Watt (Efficacy) **70**

Color Accuracy
Color Rendering Index (CRI) **85**

Light Color
Correlated Color Temperature (CCT) **3014 (Bright White)**

Warm White 3000K 4500K 6500K

All results are according to IESNA LM-79-2008. Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: N2B8-87188M (7/12/2013)
Model Number: BSP-715-6020-30K-120-277V
Type: Flood or Spotlight Fixture

Photometric data based on test results from an independent NIST traceable testing lab. IES data is available at www.winonalighting.com. Always refer to our website for the latest IES file updates.

Winona Lighting • 3760 West Fourth Street • Winona, MN 55987 • 800.328.5291 • www.winonalighting.com



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Rev. 05/11/15
BSP715_BLANCA_LED

BSP715

BLANCA

Type:

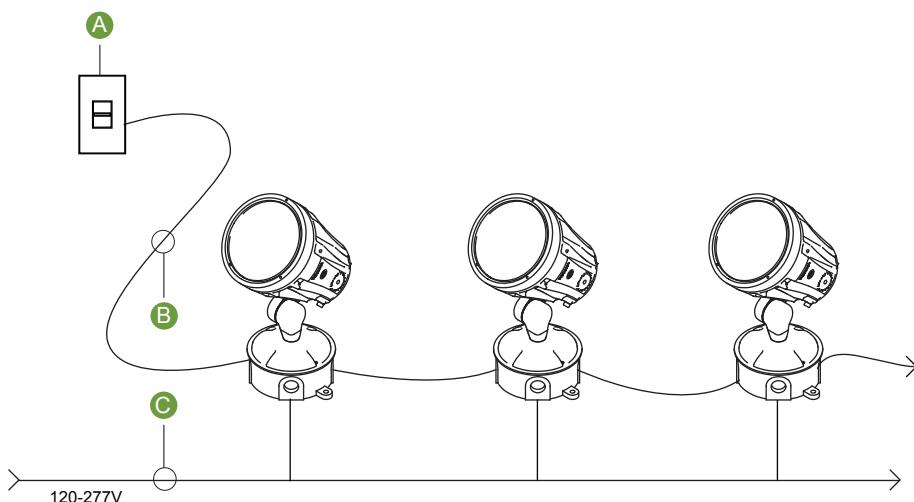
Project:

Qty:

BASIC SYSTEM WIRING INFORMATION

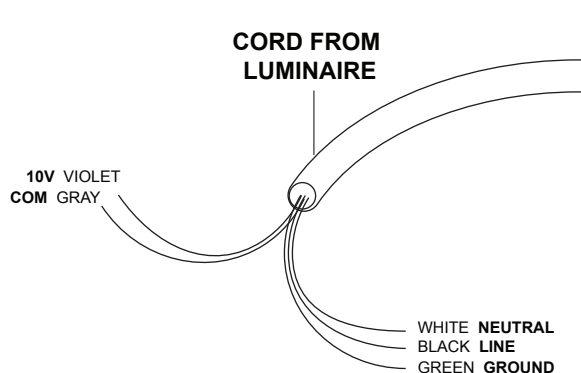
This very basic system wiring diagram provides an overview of components and materials required for a simple installation of BLANCA luminaires controlled by 0-10v dimmer control.

These diagrams should not be used in place of actual installation instructions or submittal drawings prepared for a specific project.



- A** BLANCA may be dimmed using common 0-10v fluorescent-style current-sink or current-source dimming controls. These controls can range from simple wall box units to elaborate rack mounted systems, but all must conform to the IEC 0-10v dimming standard.
- B** Belden 9829 cable is the preferred communication/ data cable used to carry the 0-10v signal to the BLANCA luminaires.
- C** Supply feeds to the luminaires should consist of Belden 9829 cable and 16GA minimum power supply wire. For added convenience use Winona Lighting SCL-1418 Data supply cable which is available in 25, 50, and 100' lengths, and can be field cut. The SCL-1418 cable is a wet rated 14/3 + shielded 18 ga twisted pair for excellent data integrity.

Power & 0-10V Connection



BSP715

BLANCA

Type:

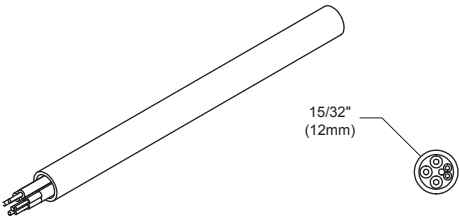
Project:

Qty:

ACCESSORY OPTIONS

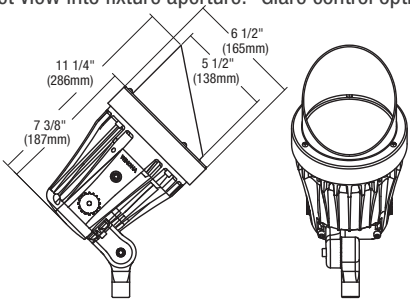
SUPPLY CABLE (Data/Power) *Optional

Series	Finish
SCL25 Supply Cable	25FT (1418)Supply Data/Power Cable
SCL50	50FT (1418)Supply Data/Power Cable
SCL100	100FT (1418)Supply Data/Power Cable



GLARE VISOR

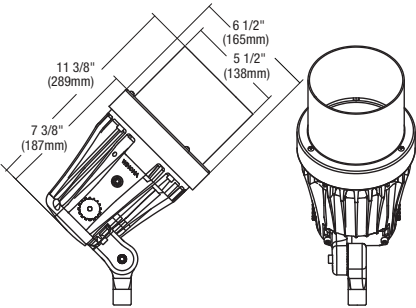
Series	Finish
GV4 Glare Visor	BKT textured black paint WHT textured white paint SIT textured silver paint DBT textured dark bronze paint CPF custom paint finish



Glare control: Optional attachments shield direct view into fixture aperture. *Glare control options cannot be combined.

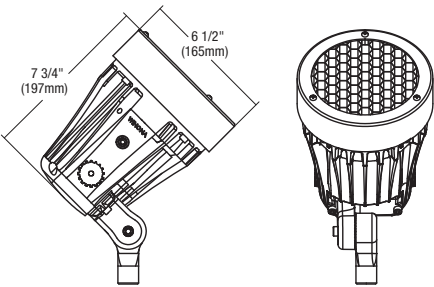
TOP HAT

Series	Finish
TH4 Top Hat	BKT textured black paint WHT textured white paint SIT textured silver paint DBT textured dark bronze paint CPF custom paint finish



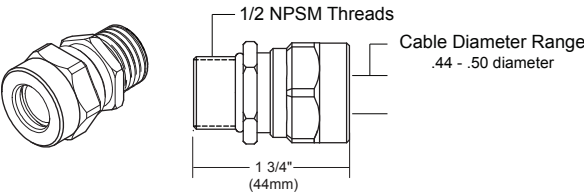
BAFFLE

Series	Finish
BF4 Baffle	BKT textured black paint WHT textured white paint SIT textured silver paint DBT textured dark bronze paint CPF custom paint finish



LIQUID-TIGHT CORD GRIP

Series
CORDBGP2 Liquid-tight cord grip



BSP715
BLANCA

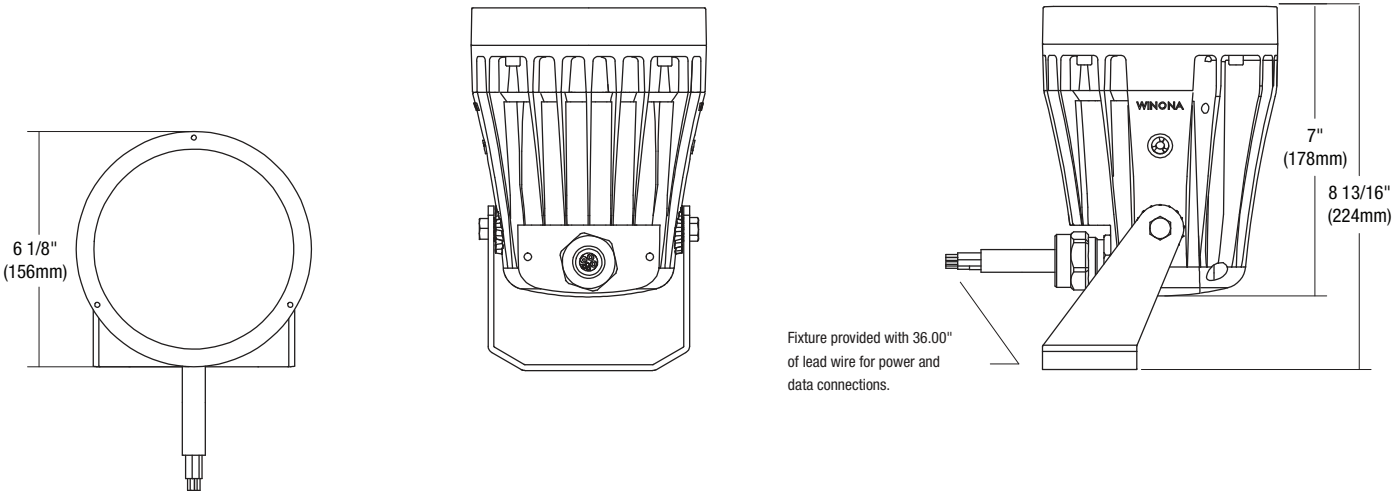
Type:

Project:

Qty:

DIMENSIONS & MOUNTING

700YK2 MEDIUM YOKE MOUNT



700KNL1 KNUCKLE MOUNT

