



Juno SlimBasics™ JSBTC Tapered Smart LED Surface Mount Disk Light

6" Round Disk Light for JBox Installation

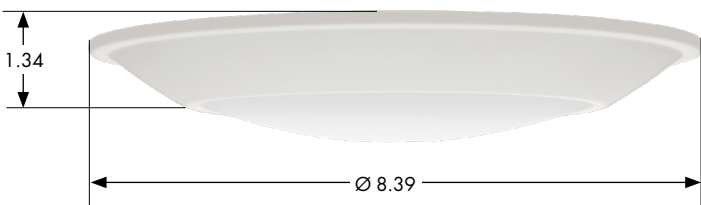
JSBTC 6IN Series



JSBTC 6IN



Dimensions



JSBTC 6IN

Project:
Fixture Type:
Location:
Contact/Phone:

Product Features

The SlimBasics JSBTC Smart Tapered Disk Light with Tunable White CCT's is the perfect way to get connected with a Smart Home Lighting solution. Once commissioned, it can be controlled through an app or voice commands. Connect the Smart Disk Light directly to any Apple or Android phone using Bluetooth or Zigbee. Commission through the SmartThings app or Alexa and Google voice assistant apps. Once installed, controlling the lighting from your mobile device is simple and easy to customize lighting from on/off, fine-tuning the color temperatures (2700K to 5000K), dimming to set the mood, and grouping to control an entire lighting application at once.

Applications

- Designed to be used across an entire space where traditional downlights have been used in the past
- Ideal for residential single, multi-family, and light commercial.
- The wet location rating makes them perfect for use in bathrooms, soffits, and outdoor covered ceiling areas.
- Installs directly into industry standard junction boxes
- Suitable for use in closets, compliant when installed to NFPA® 70 NEC® Section 410.16 (A)(1) and (C)(1)

Performance

Delivered Lumens	Up to 1223L; Nominal 1100L at 3000K
LED Color Temperature	Tunable White (2700K to 5000K)
CRI	90+
Voltage	Dedicated 120V
Dimming	Dimmable to 1% <i>Not for use with Wall Dimmers</i>

Specifications

	Width	Depth	Lens Opening
JSBTC 6IN	8.39	1.34	5.62

All dimensions are in Inches



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ORDERING INFORMATION

Smart Tapered Disk Light

Example: JSBTC 6IN TUWH 90CRI WL MW M6

Series	Color Temperature	CRI	Wet Location	Color Finish
JSBTC 6IN 6" Juno Smart Tapered Disk Light	TUWH Tunable White (2700K-5000K)	90CRI 90CRI	WL Wet Location	MW Matte White

ACCESSORIES

JSBTRIM 6IN BL M6	Black 6" Trim
JSBTRIM 6IN BZ M6	Bronze 6" Trim



Black



Bronze

JBOX Compatibility

	3-1/2" Octagon Box Steel	4" Drawn Octagon 1-1/2" Deep Steel	3-1/2" Drawn Round Ceiling Pan Steel / Old Work	4" Round Plastic / New York	4" Drawn Round Ceiling Pan Steel	4" Round Plastic / New Work	4" Dia. Ceiling Box With Bar Plastic / New York
Exterior LXWXH	3.2" x 3.2" x 1.55"	3.54" x 3.54" x 1.55"	3.38" Rd. x 0.5" Dep.	4" Dia. x 2.3"	4" Dia. x 0.5" Dep.	4" Dia. x 2.375"	14.5" x 4.5" x 4"
Mounting Dimension	2.75"	3.5"	2.75"	2.75" / 3.5"	3.5"	2.75" / 3.5"	2.75" / 3.5"
Fixture	JSBTC 6IN	JSBTC 6IN	JSBTC 6IN	JSBTC 6IN	JSBTC 6IN	JSBTC 6IN	JSBTC 6IN

Install In 3 Simple Steps





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Specifications

Construction

Low profile tapered aluminum trim frame with matte finish • Molded polycarbonate, UV stabilized diffuser dome lens conceals the LEDs from direct view and provides uniform lens luminance.

LED Light Engine

LEDs are integrated to one piece high purity aluminum, thermally conductive housing to provide uninterrupted heat transfer to ensure long life of the LED

- Tunable color temperature from 2700K to 5000K • 90 CRI minimum
- Dimmable to 1%. Not for use with Wall Dimmers.

Electrical Connections

Fixture provided with leads for direct wire connection in JBox.

Installation

Junction Box Mounting

The driverless JSBTC installs directly into industry standard junction boxes that requires no separate mounting bracket for installation • Compatible boxes include 3-1/2" and 4" octagon junction boxes (1-1/2" minimum depth), round mud rings with 2-3/4" mounting centers, and 3" & 4" diameter non-metallic boxes • Provides fast installation of fully assembled fixture to JBox • Suitable for ceiling mount • Suitable for use in closets, compliant when installed to NFPA® 70 NEC® Section 410.16 (A)(1) and (C)(1).

Life

High performance, long functional life of 50,000 hrs (L70).

Labels

CSA listed for US and Canada • ENERGY STAR® Certified • Suitable for outdoor wet location, covered ceiling • Certified to the high efficacy requirements of California T24 JA8-2019.

Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

Warranty 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: 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.

Specifications subject to change without notice.



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PHOTOMETRICS

Distribution Curve

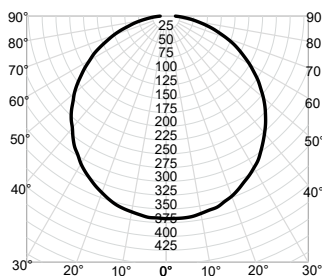
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

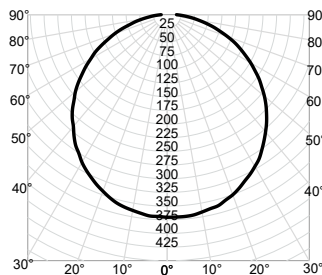
JSBTC 6IN TUWH 90CRI WL MW M6 - 2700K Input Watts: 14.0, Delivered Lumens: 1104, LPW: 78.9, S/MH: 1.29, Test No: ISF 23678P1



CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
						50%	30%	10%	50%						30%	10%		
0°	0° - 30°	288	26%	0	119	119	119	116	116	116	111	111	111	6.0	10.2	18.6	0°	20,156
5°	0° - 40°	471	43%	1	103	98	94	100	96	93	96	93	89	8.0	5.7	24.8	45°	19,769
15°	0° - 60°	838	76%	2	89	82	76	87	81	75	84	78	73	10.0	3.7	31.0	55°	19,460
25°	0° - 90°	1,092	99%	3	78	70	63	76	69	62	73	67	61	12.0	2.6	37.2	65°	18,974
35°	90° - 180°	11	1%	4	69	60	53	68	59	53	65	58	52	14.0	1.9	43.4	75°	18,422
45°	0° - 180°	1,104	100%	5	62	53	46	60	52	45	58	51	45				85°	21,758
55°	204			6	55	46	40	54	46	40	53	45	39					
65°	146			7	50	41	35	49	41	35	48	40	35					
75°	87			8	46	37	31	45	37	31	44	36	31					
85°	35			9	42	34	28	41	33	28	40	33	28					
90°	17			10	39	31	25	38	31	25	37	30	25					

Beam Angle: 114.3°
Field Angle: 169.1°

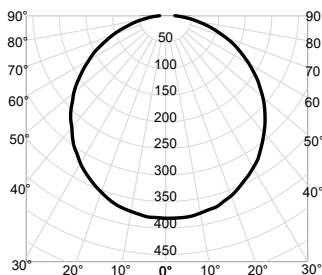
JSBTC 6IN TUWH 90CRI WL MW M6 - 3000K Input Watts: 14.0, Delivered Lumens: 1112, LPW: 79.4, S/MH: 1.29, Test No: ISF 23678P2



CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
						50%	30%	10%	50%						30%	10%		
0°	0° - 30°	290	26%	0	119	119	119	116	116	116	111	111	111	6.0	10.3	18.6	0°	20,302
5°	0° - 40°	475	43%	1	103	98	94	100	96	93	96	93	89	8.0	5.8	24.8	45°	19,913
15°	0° - 60°	844	76%	2	89	82	76	87	81	75	84	78	73	10.0	3.7	31.0	55°	19,601
25°	0° - 90°	1,100	99%	3	78	70	63	76	69	62	73	67	61	12.0	2.6	37.2	65°	19,112
35°	90° - 180°	11	1%	4	69	60	53	68	59	53	65	58	52	14.0	1.9	43.4	75°	18,556
45°	0° - 180°	1,112	100%	5	62	53	46	60	52	45	58	51	45				85°	21,916
55°	205			6	55	46	40	54	46	40	53	45	39					
65°	147			7	50	41	35	49	41	35	48	40	35					
75°	88			8	46	37	31	45	37	31	44	36	31					
85°	35			9	42	34	28	41	33	28	40	33	28					
90°	17			10	39	31	25	38	31	25	37	30	25					

Beam Angle: 114.3°
Field Angle: 169.1°

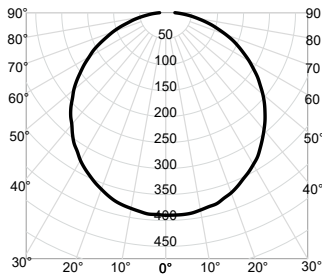
JSBTC 6IN TUWH 90CRI WL MW M6 - 3500K Input Watts: 14.0, Delivered Lumens: 1146, LPW: 81.9, S/MH: 1.29, Test No: ISF 23678P3



CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
						50%	30%	10%	50%						30%	10%		
0°	0° - 30°	299	26%	0	119	119	119	116	116	116	111	111	111	6.0	10.6	18.6	0°	20,923
5°	0° - 40°	489	43%	1	103	98	94	100	96	93	96	93	89	8.0	6.0	24.8	45°	20,521
15°	0° - 60°	870	76%	2	89	82	76	87	81	75	84	78	73	10.0	3.8	31.0	55°	20,200
25°	0° - 90°	1,134	99%	3	78	70	63	76	69	62	73	67	61	12.0	2.7	37.2	65°	19,696
35°	90° - 180°	12	1%	4	69	60	53	68	59	53	65	58	52	14.0	1.9	43.4	75°	19,123
45°	0° - 180°	1,146	100%	5	62	53	46	60	52	45	58	51	45				85°	22,586
55°	211			6	55	46	40	54	46	40	53	45	39					
65°	152			7	50	41	35	49	41	35	48	40	35					
75°	90			8	46	37	31	45	37	31	44	36	31					
85°	36			9	42	34	28	41	33	28	40	33	28					
90°	17			10	39	31	25	38	31	25	37	30	25					

Beam Angle: 114.3°
Field Angle: 169.1°

JSBTC 6IN TUWH 90CRI WL MW M6 - 4000K Input Watts: 14.0, Delivered Lumens: 1171, LPW: 83.6, S/MH: 1.29, Test No: ISF 23678P4



CP Summary				Zonal Lumen Summary				Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
						50%	30%	10%	50%						30%	10%		
0°	0° - 30°	305	26%	0	119	119	119	116	116	116	111	111	111	6.0	10.8	18.6	0°	21,379
5°	0° - 40°	500	43%	1	103	98	94	100	96	93	96	93	89	8.0	6.1	24.8	45°	20,969
15°	0° - 60°	889	76%	2	89	82	76	87	81	75	84	78	73	10.0	3.9	31.0	55°	20,640
25°	0° - 90°	1,159	99%	3	78	70	63	76	69	62	73	67	61	12.0	2.7	37.2	65°	20,126
35°	90° - 180°	12	1%	4	69	60	53	68	59	53	65	58	52	14.0	2.0	43.4	75°	19,540
45°	0° - 180°	1,171	100%	5	62	53	46	60	52	45	58	51	45				85°	23,079
55°	216			6	55	46	40	54	46	40	53	45	39					
65°	155			7	50	41	35	49	41	35	48	40	35					
75°	92			8	46	37	31	45	37	31	44	36	31					
85°	37			9	42	34	28	41	33	28	40	33	28					
90°	18			10	39	31	25	38	31	25	37	30	25					

Beam Angle: 114.3°
Field Angle: 169.1°



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PHOTOMETRICS

Distribution Curve

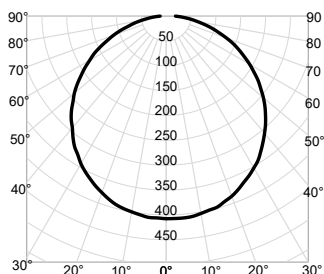
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

JSBTC 6IN TUWH 90CRI WL MW M6 - 5000K Input Watts: 14.0, Delivered Lumens: 1223, LPW: 87.4, S/MH: 1.29, Test No: ISF 23678P5



CP Summary	Zonal Lumen Summary			Coefficients of Utilization								Cone of Light			Luminance (cd/sq.m)				
	0°	Zone	Lumens % Fixture	pf	80%		20%		50%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance			
0°	408	0° - 30°	319	26%	0	119	119	119	116	116	116	111	111	111	6.0	11.3	18.6	0°	22,347
5°	408	0° - 40°	523	43%	1	103	98	94	100	96	93	96	93	89	8.0	6.4	24.8	45°	21,918
15°	398	0° - 60°	930	76%	2	89	82	76	87	81	75	84	78	73	10.0	4.1	31.0	55°	21,575
25°	369	0° - 90°	1,211	99%	3	78	70	63	76	69	62	73	67	61	12.0	2.8	37.2	65°	21,037
35°	332	90° - 180°	12	1%	4	69	60	53	68	59	53	65	58	52	14.0	2.1	43.4	75°	20,425
45°	283	0° - 180°	1,223	100%	5	62	53	46	60	52	45	58	51	45				85°	24,124
55°	226				6	55	46	40	54	46	40	53	45	39	Beam Angle: 114.3°				
65°	162				7	50	41	35	49	41	35	48	40	35	Field Angle: 169.1°				
75°	96				8	46	37	31	45	37	31	44	36	31					
85°	38				9	42	34	28	41	33	28	40	33	28					
90°	19				10	39	31	25	38	31	25	37	30	25					