

Project		Catalog #		Type	
Prepared by		Notes		Date	



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LUMARK

TWC TAPERED WALL CUTOFF

Wall Mount Luminaire

Product Features & Certifications

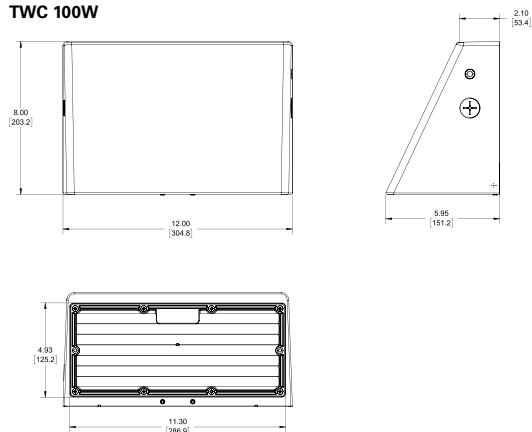


QUICK FACTS

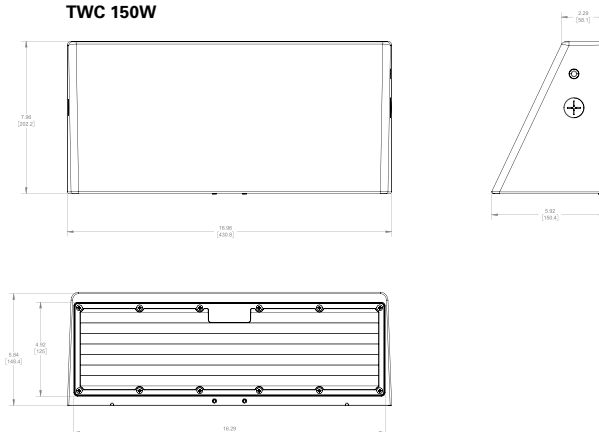
- 72 configurations in each SKU!
- 4 wattage selectable: 4,000 – 25,000 lumens
- 3 CCT selectable: 3000K-4000K-5000K
- 3 adjustable distributions: T2, T3, T4
- 3 Sizes: 9", 12", 17"
- Selectable Dusk-to-Dawn Photocontrol with On/Off control
- Emergency Battery Pack catalog numbers available
- 120-347V

DIMENSIONAL DETAILS

TWC 100W



TWC 150W



ORDERING INFORMATION

Model Number ¹	Lumens Wattage	Wattage	Color Temperature	Distribution	Voltage	Controls
TWC60-BZ = Tapered, 60W,W-CCT-Dis Sel, 120-347V, PC, BZ	3,840-9,600 Lms	24-36-48-60W	Selectable CCT: 3000,4000,5000K / 80CRI	Selectable Distribution: T2, T3, T4	120-347V, 50/60Hz	Selectable Dusk-to-Dawn via Button-type photocontrol
TWC100-BZ = Tapered, 100W, W-CCT-DisSel, 120-347V, PC, Bronze	6,400-16,000 Lms	40-60-80-100W				
TWC150-BZ = Tapered,150W, W-CCT-DisSel, 120-347V, PC, Bronze	9,600-24,000 Lms	60-90-120-150W				
TWC60-BK = Tapered, 60W, W-CCT-Dis Sel,120-347V, PC, BK	3,840-9,600 Lms	24-36-48-60W				
TWC100-BK = Tapered, 100W, W-CCT-DisSel, 120-347V, PC, Black	6,400-16,000 Lms	40-60-80-100W				
TWC150-BK = Tapered, 150W, W-CCT-DisSel, 120-347V, PC, Black	9,600-24,000 Lms	60-90-120-150W				
TWC60-E-BZ = Tapered, 60W, W-CCT-Dis Sel, Emergency Battery Pack 120-347V, PC	3,840-9,600 Lms	24-36-48-60W				
TWC100-E-BZ = Tapered,100W, W-CCT-DisSel, Emergency Battery Pack 120-347V, PC, Bronze ²	6,400-16,000 Lms	40-60-80-100W				
TWC150-E-BZ = Tapered,150W, W-CCT-DisSel, Emergency Battery Pack 120-347V,PC, Bronze ²	9,600-24,000 Lms	60-90-120-150W				
TWC60-E-BK =Tapered, 60W, W-CCT-DisSel, Emergency Battery Pack 120-347V, PC	3,840-9,600 Lms	24-36-48-60W				
TWC100-E-BK = Tapered,100W, W-CCT-DisSel, Emergency Battery Pack 120-347V, PC, Black ²	6,400-16,000 Lms	40-60-80-100W				
TWC150-E-BK = Tapered, 150W, W-CCT-DisSel, Emergency Battery Pack 120-347V, PC, Black ²	9,600-24,000 Lms	60-90-120-150W				
NOTES: 1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 2. Ambient Temperature Range for Emergency Battery Pack fixtures: 5°C - 40°C						

PRODUCT SPECIFICATIONS

Construction

- Die-cast aluminum housing

Optics

- Polycarbonate lens

Electrical

- -40°C - +40°C ambient operating temperature
- +5°C - +40°C ambient operating temperature (EBP SKUs)
- >.9 power factor
- <20% total harmonic distortion
- Class 1 driver incorporates internal fusing designed to withstand 6kV surge
- 0-10V dimming driver standard

Controls

- Selectable configurations supply internal toggle switches to adjust luminaire CCT and lumens. Selectable luminaires will ship default at 4000K CCT and maximum lumen output. Selectable configurations also provide an integrated button-type photocontrol for dusk-to-dawn operation. The photocontrol is also field-adjustable via toggle switches to either enable or disable. The photocontrol ships default enabled.

Typical Applications

- Outdoor
- Parking Lots
- Walkways
- Building Areas

Finish

- Bronze
- Black

Compliance

- Meets ANSI C136.25 for IP65 Optical enclosure rating
- UL wet location rated
- Configurations available that meet DLC and DLC Premium requirements, submission in progress - visit www.designlights.org to confirm listed variants
- Meets RoHS compliance

Shipping Data (Unit Carton)

- TWC60: 3.60 lbs
- TWC100: 4.90 lbs
- TWC150: 5.97 lbs
- TWC60-E: 4.00 lbsh
- TWC100-E: 5.42 lbs
- TWC150-E: 6.49 lbs

Warranty

- Five-year limited warranty. Consult website for details.
www.cooperlighting.com/legal

ENERGY AND PERFORMANCE DATA

Power and Lumens

[View WP IES files](#)

CCT SETTING	LUMEN SETTING	T2								
		60W-48W-36W-24W			100W-80W-60W-40W			150W-120W-90W-60W		
		LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY
3000K	100%	8997	59.7	150.7	15695	98.7	159	22693	150.5	150.8
	80%	7207	47.4	152	12769	78.7	162.2	18409	119.5	154.1
	60%	5575	36.1	154.4	9754	58.8	165.9	13935	88	158.4
	40%	3935	25	157.4	6608	39.2	168.6	9449	58.4	161.8
4000K	100%	9324	58.5	159.4	16584	96.2	172.4	24244	146.9	165
	80%	7469	46.4	161	13492	76.7	175.9	19667	116.7	168.5
	60%	5778	35.3	163.7	10306	57.4	179.5	14888	85.9	173.3
	40%	4078	24.5	166.4	6982	38.2	182.8	10095	57	177.1
5000K	100%	9447	60	157.5	16724	98.4	170	24191	150.2	161.1
	80%	7568	47.6	159	13606	78.5	173.3	19624	119.3	164.5
	60%	5854	36.2	161.7	10393	58.7	177.1	14855	87.9	169
	40%	4132	25.1	164.6	7041	39.1	180.1	10073	58.3	172.8
CCT SETTING	LUMEN SETTING	T3								
		60W-48W-36W-24W			100W-80W-60W-40W			150W-120W-90W-60W		
		LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY
3000K	100%	9285	57.5	161.5	15760	96.4	163.5	23558	145.3	162.1
	80%	7438	45.6	163.1	12822	76.9	166.7	19111	115.4	165.6
	60%	5754	34.7	165.8	9794	57.5	170.3	14467	85	170.2
	40%	4061	24.1	168.5	6635	38.3	173.2	9810	56.4	173.9
4000K	100%	9623	56.3	170.9	16652	94	177.1	25168	141.9	177.4
	80%	7708	44.6	172.8	13548	74.9	180.9	20417	112.7	181.2
	60%	5963	34	175.4	10349	56	184.8	15456	83	186.2
	40%	4209	23.5	179.1	7011	37.3	188	10480	55.1	190.2
5000K	100%	9750	57.7	169	16793	96.1	174.7	25113	145.1	173.1
	80%	7810	45.8	170.5	13662	76.6	178.4	20372	115.2	176.8
	60%	6042	34.8	173.6	10436	57.3	182.1	15422	84.9	181.6
	40%	4264	24.2	176.2	7070	38.2	185.1	10457	56.3	185.7
CCT SETTING	LUMEN SETTING	T4								
		60W-48W-36W-24W			100W-80W-60W-40W			150W-120W-90W-60W		
		LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY	LUMENS	WATTAGE	EFFICACY
3000K	100%	9285	57.5	161.5	15760	96.4	163.5	23558	145.3	162.1
	80%	7438	45.6	163.1	12822	76.9	166.7	19111	115.4	165.6
	60%	5754	34.7	165.8	9794	57.5	170.3	14467	85	170.2
	40%	4061	24.1	168.5	6635	38.3	173.2	9810	56.4	173.9
4000K	100%	9623	56.3	170.9	16652	94	177.1	25168	141.9	177.4
	80%	7708	44.6	172.8	13548	74.9	180.9	20417	112.7	181.2
	60%	5963	34	175.4	10349	56	184.8	15456	83	186.2
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5000K	100%	9750	57.7	169	16793	96.1	174.7	25113	145.1	173.1
	80%	7810	45.8	170.5	13662	76.6	178.4	20372	115.2	176.8
	60%	6042	34.8	173.6	10436	57.3	182.1	15422	84.9	181.6
	40%	4264	24.2	176.2	7070	38.2	185.1	10457	56.3	185.7

Lumen Maintenance

Configuration	Ambient Temperature	TM-21 Lumen Maintenance (50,000 hrs)	Reported L70 (hrs)
Up to 60W	25°C	88.34%	>90,000
Up to 100W	25°C	88.34%	>90,000
Up to 150W	25°C	88.34%	>90,000