

## Exterminator II

### 1023 W Track Luminaire

WTK-1023 | WHK-1023

Fixture Type: \_\_\_\_\_

Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_



**PRODUCT DESCRIPTION**  
Exterminator II offers superior light output in a small, unobtrusive design. Developed for upscale residential and commercial environments.

**SPECIFICATIONS**

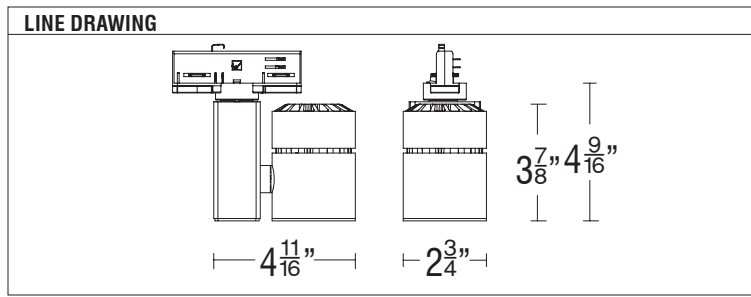
<b>Construction:</b>	Die-cast aluminum with removable front cap
<b>Mounting:</b>	Track mounted
<b>Light Source:</b>	High output 3-step Mac Adam Ellipse COB Rated life of 50,000 hours at L70
<b>Input:</b>	Universal 120-277V AC, 50/60 Hz
<b>Power:</b>	36W
<b>Dimming:</b>	ELV, TRIAC: 100 - 1%
<b>Maximum Delivered Intensity:</b>	Up to 31,770 cd (Spot 15°, 4000K, CRI 85)
<b>Maximum Delivered Output:</b>	Up to 3,410 lm (Spot 15°, 4000K, CRI 85)
<b>Operating Temperature:</b>	-4°F to 104°F (-20°C to 40°C)
<b>Standards:</b>	ETL & cETL Dry location listed, Title 24 JA8 Compliant
<b>Warranty:</b>	5 year WAC Lighting guaranteed warranty

**BEAM ANGLES**

 S - 12°	 N - 21°	 F - 39°
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**FINISHES**

 Black BK	 White WT
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Model	Beam	Color Temp	CRI	Lumens	CBCP
WTK 120V WHK 1277V	1023S 12°	827 2700K 85	85	1,545	11,625
		927 2700K 90	90	1,275	9,600
		830 3000K 85	85	1,640	12,350
		930 3000K 90	90	1,335	10,030
		835 3500K 85	85	1,680	12,650
	1023N 21°	840 4000K 85	85	1,690	12,725
		827 2700K 85	85	2,115	9,810
		927 2700K 90	90	1,750	8,100
		830 3000K 85	85	2,250	10,425
		930 3000K 90	90	1,825	8,465
	1023F 39°	835 3500K 85	85	2,305	10,675
		840 4000K 85	85	2,315	10,730
		827 2700K 85	85	2,045	4,575
		927 2700K 90	90	1,690	3,780
		830 3000K 85	85	2,175	4,860
		930 3000K 90	90	1,765	3,950
		835 3500K 85	85	2,225	4,980
		840 4000K 85	85	2,235	5,000



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**ORDERING INFORMATION**

CONFIGURATION TABLE			
Model & Power	Beam Angle	Color Temperature & CRI	Housing Finish
<b>WTK-1023</b> (120V)	<b>S</b> - Spot 12°	<b>827</b> - 2700K - 85	<b>BK</b> - BLACK
<b>WHK-1023</b> (277V)	<b>N</b> - Narrow Flood 21°	<b>830</b> - 3000K - 85	<b>WT</b> - WHITE
	<b>F</b> - Flood 39°	<b>835</b> - 3500K - 85	
		<b>840</b> - 4000K - 85	
		<b>927</b> - 2700K - 90	
		<b>930</b> - 3000K - 90	

W\_K-1023\_ - \_\_\_ - \_\_

Example: WTK-1023S-930-BK

ACCESSORIES	
LENS-16-AMB	<i>Amber Lens</i>
LENS-16-BLU	<i>Blue Lens</i>
LENS-16-GRN	<i>Green Lens</i>
LENS-16-RED	<i>Red Lens</i>
LENS-16-UVF	<i>UV Filter Lens</i>
LENS-16-FR	<i>Frosted Lens</i>
LENS-16-SPR	<i>Spread Lens</i>
LENS-16-BEL	<i>Beam Elongating Lens</i>
LENS-16P-CRL-BK	<i>Cross Louver - Black</i>
LENS-16P-CRL-WT	<i>Cross Louver - White</i>
LENS-16-SNOOT-B	<i>Snoot - Black</i>
LENS-16-SNOOT-W	<i>Snoot - White</i>

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**FEATURES**

<p><b>Optics:</b></p> <ul style="list-style-type: none"> <li>• Fixture features 365° horizontal rotation and 180° vertical aiming</li> </ul>	<p><b>Construction:</b></p> <ul style="list-style-type: none"> <li>• Die-cast aluminum body</li> </ul>
<p><b>LED:</b></p> <ul style="list-style-type: none"> <li>• High output COB LED with a 3-step Mac Adam ellipse</li> <li>• Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)</li> </ul>	<p><b>Trim and Reflector:</b></p> <ul style="list-style-type: none"> <li>• Three beam angles are available: Spot, Narrow Flood, and Flood</li> </ul>
<p><b>Electrical:</b></p> <ul style="list-style-type: none"> <li>• Input power is 120V (WTK) or 277V (WHK)</li> <li>• Available at 22W for Spot beam fixtures and 24W for Narrow Flood and Flood beam fixtures</li> </ul>	<p><b>Installation:</b></p> <ul style="list-style-type: none"> <li>• Suitable for W track systems</li> </ul>
<p><b>Dimming:</b></p> <ul style="list-style-type: none"> <li>• Electronic low voltage (ELV) and TRIAC dimming are both available</li> <li>• ELV and TRIAC dimming are capable of a range of 100 - 1%</li> </ul>	<p><b>Warranty:</b></p> <ul style="list-style-type: none"> <li>• WAC Architectural limited warranty up to 5 years</li> <li>• Full warranty found at: <a href="http://waclighting.com/warranty">waclighting.com/warranty</a></li> </ul>
<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The White and Black finishes for the body are electrostatically powder coated</li> </ul>	

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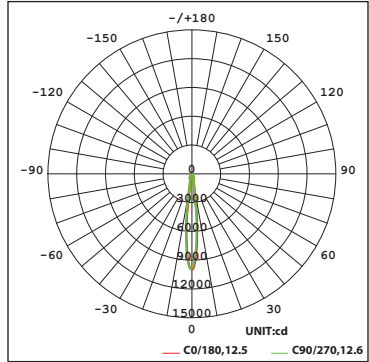
Fixture Type: \_\_\_\_\_  
Project: \_\_\_\_\_  
Catalog#: \_\_\_\_\_  
Location: \_\_\_\_\_

**PERFORMANCE DATA**

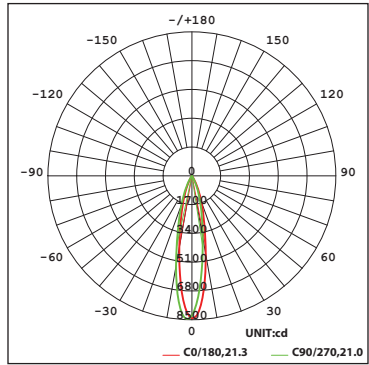
**Polar Candela Distribution Charts**

Samples shown with 36W fixture with a White finish set to 3000K and 90 CRI.

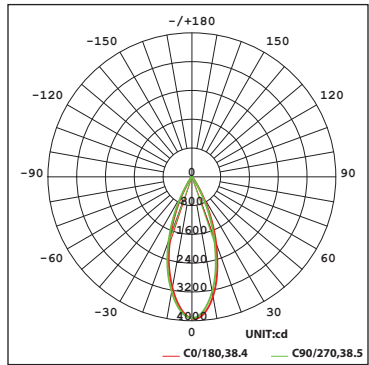
**Spot Beam: 12° Beam**



**Narrow Flood Beam: 21° Beam**



**Flood Beam: 39° Beam**



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**PERFORMANCE DATA**

**Unified Glare Rating (UGR) Table**

UGR values shown are calculated for a fixture with a Spot Beam (12°) optic at 3000K and 90 CRI. General performance of other beam angles shown below.

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	9.2	10.0	9.4	10.2	10.3	9.2	10.1	9.5	10.2	10.4	
3H	9.5	10.3	9.8	10.5	10.7	9.5	10.3	9.8	10.5	10.7	
4H	9.8	10.5	10.0	10.7	10.9	9.8	10.5	10.1	10.7	11.0	
6H	9.8	10.5	10.1	10.8	11.0	9.9	10.6	10.2	10.8	11.1	
8H	9.8	10.5	10.1	10.7	11.0	9.8	10.5	10.1	10.8	11.0	
12H	9.7	10.4	10.1	10.7	10.9	9.8	10.4	10.1	10.7	11.0	
4H	2H	9.1	9.9	9.4	10.1	10.3	9.2	9.9	9.5	10.2	10.4
3H	9.6	10.3	10.0	10.6	10.8	9.7	10.3	10.0	10.6	10.8	
4H	10.0	10.6	10.4	10.9	11.2	10.0	10.6	10.4	10.9	11.2	
6H	10.1	10.7	10.5	11.0	11.3	10.2	10.7	10.5	11.0	11.4	
8H	10.1	10.6	10.5	10.9	11.3	10.1	10.6	10.5	11.0	11.3	
12H	10.0	10.5	10.5	10.9	11.3	10.1	10.5	10.5	10.9	11.3	
8H	4H	10.1	10.6	10.5	10.9	11.3	10.1	10.6	10.5	10.9	11.3
6H	10.2	10.6	10.6	11.0	11.4	10.2	10.6	10.6	11.0	11.4	
8H	10.2	10.5	10.6	10.9	11.4	10.2	10.5	10.6	11.0	11.4	
12H	10.1	10.4	10.6	10.9	11.3	10.1	10.4	10.6	10.9	11.3	
12H	4H	10.0	10.5	10.5	10.9	11.3	10.0	10.5	10.4	10.9	11.2
6H	10.2	10.5	10.6	10.9	11.4	10.2	10.5	10.6	10.9	11.4	
8H	10.1	10.4	10.6	10.9	11.3	10.1	10.4	10.6	10.9	11.3	

Round Fixture	Angle	UGR Range
Spot	12°	≤11
Narrow Flood	21°	≤9
Flood	39°	≤8