WAC LIGHTING
Responsible Lighting

615 South Street
Garden City, NY 11530
Tel:516-515-5000   Fax:516-515-5050
www.waclighting.com

CATALOG NUMBER	TYPE
PROJECT	

4" LEDme™ INVISIBLE TRIM™ DOWNLIGHT HR-LED418-R-RO

5⅝"

4⅜"

11⅞"

Ordering Matrix

Series	Lamp	Model Number	Installation Type	Invisible Trim™	Color Temperature
HR	LED	418	R = Remodel housing	RO=Round	W = 3000K C = 4500K

Ordering Example (series – lamp - model - installation type & options - color temperature):   HR–LED418-R-ROW

Product Details

Description: 4 inch LED NON-IC Remodel Invisible Trim™ housing with 6 LED lamp

Materials: Die-cast aluminum painted black heat sink. Housing and junction box is 20 gauge steel.

J-Box: Seven knockouts and four non-metallic sheathed cable style wiring connectors provided for ease of installation. Rated for branch wiring.

Driver: Input Voltage: 120V AC /60Hz，Power Factor > 0.9
Dimming with thermal protection .
Load: MAX 18W

Lamping: 6 LED lamps
Color Temperature: 3000K   4500K
CRI: 80   75

Ratings: NON-IC rated. Can be completely covered with insulation
U.L. and C.U.L. listed.

Mounting: Three heavy gauge inner retention clips push out onto ceiling or other mounting surface to firmly hold housing in place. Accommodates surface thickness of up to 3 3/4" cutout hole.

Specification Features

- Provides 70% average lumen maintenance at 50,000 hrs.
- Provided with Push-in wire connector for easy installation.
- Accommodate up to a 3/4" ceiling thickness.
- Dimming range from 100% to 1%.
- ANSI compliant Warm/Neutral LEDs.
- 35˚ Visual cut off angle.
- Replacement modules
- Far more resistant to vibration than incandescent or fluorescent downlights.
- 5 year WAC Lighting product warranty.

Approved dimmer

Lutron	Leviton
SELV-300P-WH	VPE04

Compatible Trims (Sold Separately):

HR-LED451TL Square Open Invisible Trim

Finish	Interior	Trim
BK/WT	Black	White
BK/BN	Black	Brushed Nickel
WT/WT	White	White

Photometry

18W 4500K OPEN TRIM
Candlepower Distribution
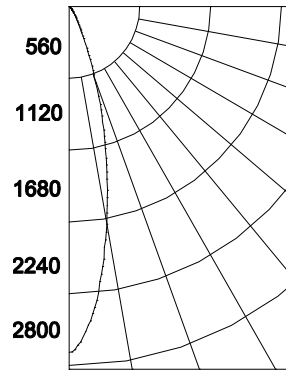
ANGLE	MEAN CP	LUMENS
0	2723	0
5	2517	59
10	1949	142
15	1343	163
20	800	138
25	395	89
30	183	49
35	87	28
40	46	16
45	29	11
50	19	8
55	15	7
60	13	6
65	11	5
70	8	4
75	6	3
80	4	2
85	2	1
90	0	1

18W 3000K OPEN TRIM
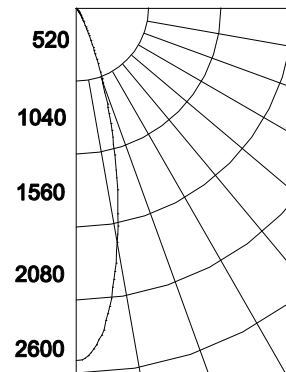
ANGLE	MEAN CP	LUMENS
0	2512	0
5	2301	56
10	1694	132
15	1082	147
20	560	115
25	252	69
30	102	37
35	53	21
40	32	12
45	20	9
50	12	6
55	11	5
60	10	5
65	8	4
70	6	3
75	4	3
80	3	2
85	2	1
90	0	0

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CATALOG NUMBER	**TYPE**
PROJECT	

4" LEDme™ INVISIBLE TRIM™ DOWNLIGHT   HR-LED418-RIC-SQ

5⅝"

4⅛"

11⅞'
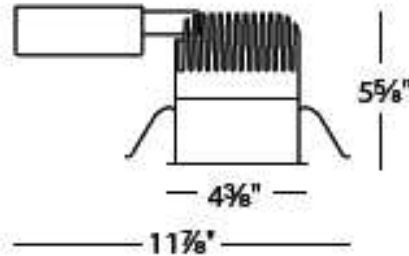
Ordering Matrix

Series	Lamp	Model Number	Installation Type	Invisible Trim™	Color Temperature
HR	LED	418	R = Remodel housing	IC rated	W = 3000K C = 4500K

Ordering Example (series – lamp - model - installation type & options - color temperature):   HR–LED418-RIC-SQW

Product Details

Description: 4 inch LED IC Remodel Invisible Trim™ housing with 6 LED lamp

Materials: Die-cast aluminum painted black heat sink. Housing and junction box is 20 gauge steel.

J-Box: Seven knockouts and four non-metallic sheathed cable style wiring connectors provided for ease of installation. Rated for branch wiring.

Driver: Input Voltage: 120V AC /60Hz, Power Factor > 0.9
Dimming with thermal protection .
Load: MAX 11W

Lamping: 6 LED lamps
Color Temperature: 3000K   4500K
CRI: 80   75

Ratings: IC rated. Can be completely covered with insulation
U.L. and C.U.L. listed.

Mounting: Three heavy gauge inner retention clips push out onto ceiling or other mounting surface to firmly hold housing in place. Accommodates surface thickness of up to 3 3/4" cutout hole.

Specification Features

- Provides 70% average lumen maintenance at 50,000 hrs.
- Provided with Push-in wire connector for easy installation.
- Accommodate up to a 3/4" ceiling thickness.
- Dimming range from 100% to 1%.
- ANSI compliant Warm/Neutral LEDs.
- 35˚ Visual cut off angle.
- Replacement modules
- Far more resistant to vibration than incandescent or fluorescent downlights.
- 5 year WAC Lighting product warranty.

Approved dimmer

Lutron	Leviton
SELV-300P-WH	VPE04

Compatible Trims (Sold Separately):				
HR-LED451TL Square Open Reflector Invisible Trim				

Finish	Interior	Trim
BK/WT	Black	White
BK/BN	Black	Brushed Nickel
WT/WT	White	White

Photometry

11W 4500K OPEN TRIM

Candlepower Distribution
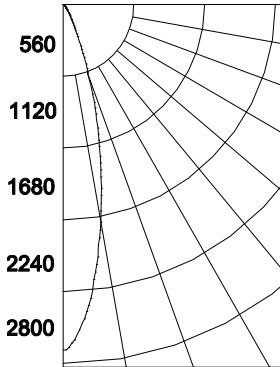
ANGLE	MEAN CP	LUMENS
0	2010	0
5	1829	44
10	1408	105
15	1000	122
20	576	103
25	304	68
30	142	38
35	64	22
40	35	12
45	23	8
50	14	6
55	12	6
60	10	5
65	8	4
70	6	3
75	5	3
80	3	2
85	2	1
90	0	0

Candlepower scale: 560, 1120, 1680, 2240, 2800

11W 4500K OPEN TRIM

Candlepower Distribution
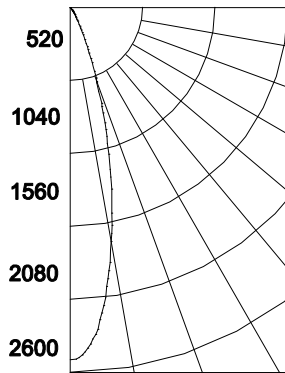
ANGLE	MEAN CP	LUMENS
0	1913	0
5	1700	42
10	1232	100
15	808	111
20	433	88
25	202	54
30	82	29
35	42	16
40	25	10
45	17	7
50	10	5
55	9	4
60	8	4
65	6	3
70	5	3
75	3	2
80	2	1
85	1	1
90	0	0

Candlepower scale: 520, 1040, 1560, 2080, 2600