STANPRO

Project : _____   Type : _____

Drawn by : _____   Catalogue # : _____   Date : _____

Series Spec Sheet

RET4 AND RET6
4" AND 5-6" RETROFIT LED DOWNLIGHT

These LED Retro downlights offer a simple option in any traditional downlight retrofit application. Easily replace the original lamp and trim with this LED solution and save on energy consumption and maintenance costs. With an E26 socket adaptor, this luminaire will fit in most traditional 4" and 5" - 6" housings, and will be installed in no time.

FEATURES AND SPECIFICATIONS

- **Construction**

  Physical Characteristics
  – White, Bronze, Brushed nickel and Black aluminium trim
  – Available in 4" and 5-6" round and square
 – 100° beam angles
  – Frosted lens

  Mounting
  – Retrofit application
  – Quick connect wire

- **Performance data**
  – Available in 3 000 and 4 000 K
  – 80+ CRI for true color accuracy
  – Estimated life of over 50 000 hours to L70
  – Phase cut (ELV / Triac) dimming standard
  – Operating temperature:
    -30 °C to 40 °C (-22 °F to 104 °F)

- **Compliances**
  – cULus listed for damp locations
  – Energy Star
  – Meets requirements of ICES-005 issue 5 class B for use in residential applications
  – IC rated for direct contact with insulation
  – Airtight as per ASTM E283 standard
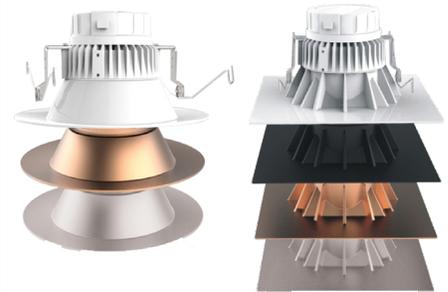
OVERVIEW

Light source	LED
Watts (W)	9 - 15
Lumen output (lm)	631 - 978
Efficiency (lm/W)	65 - 70
Color temperature (K)	3 000, 4 000
CRI	80+

5 yrs **warranty**   **quick** *ship*   **LED** *fixture*

dimmable   **damp** *location*   **airtight**

IC *rated*   **ICES** *005*

ETL Intertek   ENERGY STAR

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 🕐

Order code	Model number	Watts (W)	Volts (VAC)	Color temp. (K)[1]	Lumen output (lm)[2]	Efficiency (lm/W)	CRI	Life L70 (hrs)[3]	Beam angle (°)	Shape	Finish	Dimming (Yes/No)	Power factor	THD (%)	Traditional Equivalent (W)
4" LED module															
RET4LS1-A40K	RET 4IN 4K 661L 9W 120V 80CRI NO TRIM	9	120	4 000	660	73	80+	50 000	100			Yes	>0.9	<30	50
4" Trim															
RD4BN	RET 4IN BRUSHED NICKEL ROUND TRIM ONLY									Round	Brushed nickel				
RD4BZ	RET 4IN BRONZE ROUND TRIM ONLY									Round	Bronze				
RD4WH	RET 4IN WHITE ROUND TRIM ONLY									Round	White				
4" Kit (LED module and trim)															
RET4LS1-A30K-RD4WH	RET 4IN 3K 631L 9W 120V 80CRI WH RND	9	120	3 000	630	70	80+	50 000	100	Round	White	Yes	>0.9	<30	50
4" Remodeler recessed can															
REC4R-N0050-A-CB	RECESSED 4IN INCANDESCENT 50W 120V		120												
6" LED module															
RET6LS1-A30K	RET 5/6IN 3K 978L 15W 120 80CRI NO TRIM	15	120	3 000	980	65	80+	50 000	100			Yes	>0.9	<30	50
6" Trim															
RD6BZ	RET 6IN BRONZE ROUND TRIM ONLY									Round	Bronze				
RD6WH	RET 6IN WHITE ROUND TRIM ONLY									Round	White				
SQ6BK	RET 6IN BLACK SQUARE TRIM ONLY									Square	Black				
SQ6BN	RET 6IN BRUSHED NICKEL SQUARE TRIM ONLY									Square	Brushed nickel				
SQ6BZ	RET 6IN BRONZE SQUARE TRIM ONLY									Square	Bronze				
SQ6WH	RET 6IN WHITE SQUARE TRIM ONLY									Square	White				
6" Kit (LED module and trim)															
RET6LS1-A30K-RD6WH	RET 5/6IN 3K 978L 15W 120V 80CRI WH RND	15	120	3 000	980	65	80+	50 000	100	Round	White	Yes	>0.9	<30	50

[1] Typical color temperature range: +/- 5 %.
[2] Lumen values are derived from Energy Star reported data. Initial lumens range: +/- 10 %.
[3] Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

COMPATIBLE DIMMERS[1]

| Brand	4"	6"
	Model	
Leviton	DSL06-1L, IPL06	6672, 6674
Lutron	DVCL-153P MACL-153M CTCL-153P S-603P	SCL-153P CT-600P TGCL-153P PD-6WCL

Dimming range: 5%-100%

[1] This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMENSIONS

RET4
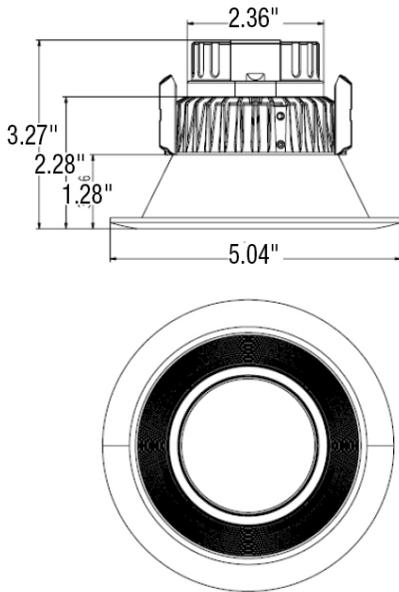
4" REMODELER RECESSED CAN
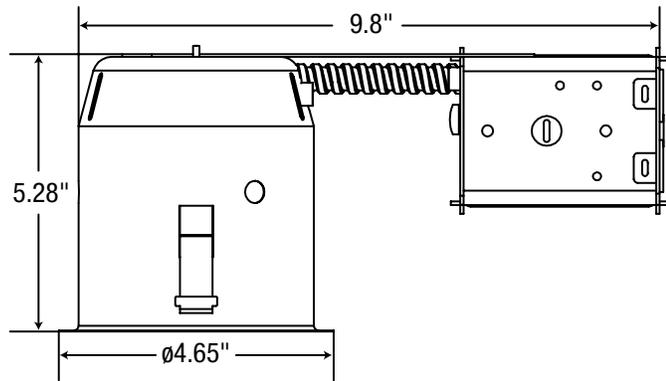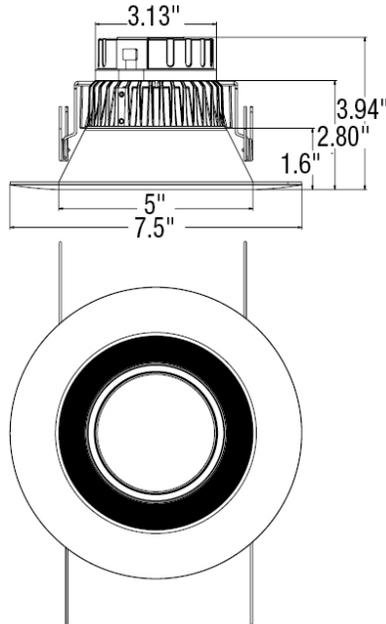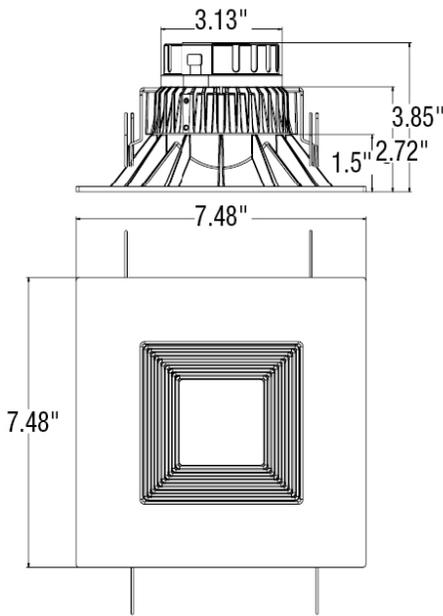
2.36"

3.27"
2.28"
1.6
1.28"

5.04"

9.8"

5.28"

ø4.65"

RET6

3.13"

3.85"
1.5" 2.72"

7.48"

7.48"

3.13"

3.94"
2.80"
1.6"

5"
7.5"

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PHOTOMETRIC DATA[1]

RET4LS1-A30K-RD4WH • RET 4IN 3K 631L 9W 120V 80CRI WH RND • 3 000 K • 648.6 lm

Polar candela distribution

- - 0° H
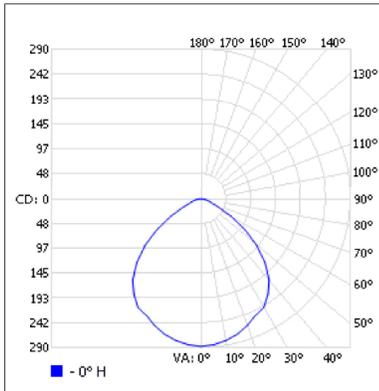
Zonal lumen summary

Zone	Lumens	% Fixture
0-30	220.5	34
0-40	361.9	55.8
0-60	588.6	90.7
60-90	60.0	9.3
0-90	648.6	100

Illuminance at a distance

	Center beam fc		Beam width
1.7'	99.6		4'
3.3'	26.4		7.7'
5.0'	11.5		11.7'
6.7'	6.41		15.7'
8.3'	4.18		19.5'
10.0'	2.88		23.5'

■ Beam spread : 99.1°
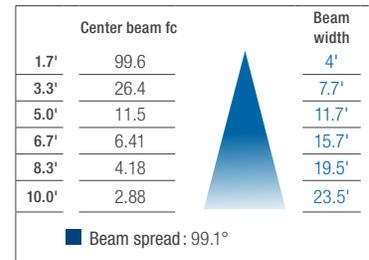
RET6LS1-A30K-RD6WH • RET 5/6IN 3K 978L 15W 120V 80CRI WH RND • 3 000 K • 1 059.6 lm

Polar candela distribution

- - 0° H
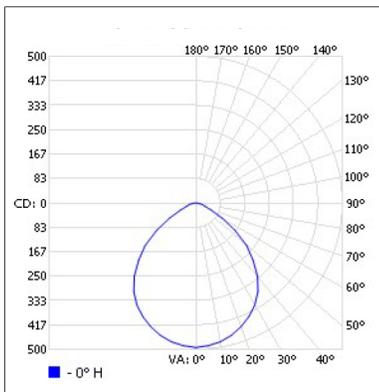
Zonal lumen summary

Zone	Lumens	% Fixture
0-30	375.0	35.4
0-40	604.3	57
0-60	962.7	90.9
60-90	97.0	9.1
0-90	1,059.6	100

Illuminance at a distance

	Center beam fc		Beam width
1.7'	171		3.8'
3.3'	45.3		7.3'
5.0'	19.7		11.1'
6.7'	11.0		14.8'
8.3'	7.17		18.4'
10.0'	4.94		22.1'

■ Beam. spread : 95.7°
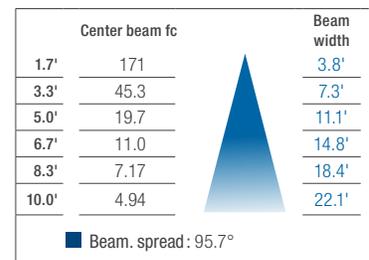
[1] Complete IES files available on our website.

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RET4 and RET6 • Rév. 15/12/2021

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