PROJECT: PREPARED BY: TYPE:

# RYNO 1.0

## 1" RECESSED LED DOWNLIGHT




## FEATURES

- Ultra-small 1" aperture delivers focused, architectural lighting with minimal ceiling disruption.
- Efficient 5W, 7W, 10W modules with 80LM/W, delivering powerful yet low-profile performance.
- Available with multiple trim options including round, square, trimless, millwork, and adjustable, allowing seamless for integration.
- Featuring a sleek, integrated form factor with pressure clips for straight forward installation.

### PERFORMANCE

| | |
|---|---|
| Wattage | 5W / 7W / 10W |
| Lumens (Delivered) | 450LM / 560LM / 875LM |
| Input Voltage | 24V |
| Efficacy | 80LM/W |
| Dimming (Dependent on driver) | PWM, Triac, 0-10V (10%-100%) |

### MEDIA

Hex Louver
Solite
LS
AS
DA

### APPLICATION

| | |
|---|---|
| Environment | Damp Location |
| Material | Aluminum |
| Operating Temperature | -49˚F to 113˚F |
| Lifetime | 50,000 hrs |
| Cut Out | 1.75" |

### LIGHT SOURCE

| | |
|---|---|
| CCT | 2700K/3000K/3500K/Dim to Warm |
| CRI | 90 |

### OPTICS

| | |
|---|---|
| Lens | 10˚/15˚/24˚/36˚/50˚ |

### CERTIFICATION

ETL
CETL
Title 24
FCC
5 Year Warranty

### SUPPORTIVE FILE (WEBSITE LINK)

IES File Installation Guide
Trimless Mud-In Configuration
Millwork Configuration
Adjustable Configuration

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## ORDERING GUIDE

RYN1 - _____ - _____ - _____ - _____ - _____

***Example: RYN1-5-2790-15L-HX-RDWT***

| Component | | Component Code | Component Detail |
|---|---|---|---|
|  | ENGINE | **RYN1-5**<br>**RYN1-7**<br>**RYN1-10**<br>**RYN1-10N** | 5W Engine<br>7W Engine<br>10W Engine<br>10W Engine *10 Narrow Beam* |
| | CHIP | **2790**<br>**3090**<br>**3590**<br>**4090**<br>**DTW** | 2700K, 90CRI<br>3000K, 90CRI<br>3500K, 90CRI<br>4000K, 90CRI<br>1800-3000K Dim to Warm, 98CRI |
| <br>Lens | OPTIC | **10L**<br>**15L**<br>**24L**<br>**36L**<br>**50L** | 10 Degree ** For use with RYN-10N Only<br>15 Degree<br>24 Degree<br>36 Degree<br>50 Degree |
| <br>Hex Louver | MEDIA | **HX**<br>**SL**<br>**LS**<br>**AS**<br>**DA** | Hex Louver<br>Solite<br>(Leave blank for none)<br>(SL-HX for both) |
|   | TRIM | **RDWT**<br>**RDBK**<br>**SQWT**<br>**SQBK** | Round Flange Trim, White Finish<br>Round Flange Trim, Black Finish<br>Square Flange Trim, White Finish<br>Square Flange Trim, Black Finish |
|  | REMOTE POWER SUPPLY | **LB55461**<br>**LB55463**<br>**LB55465**<br>**LB55500**<br>**LB55501**<br>**LB55502** | 30W<br>60W<br>96W<br>120W<br>200W<br>300W |

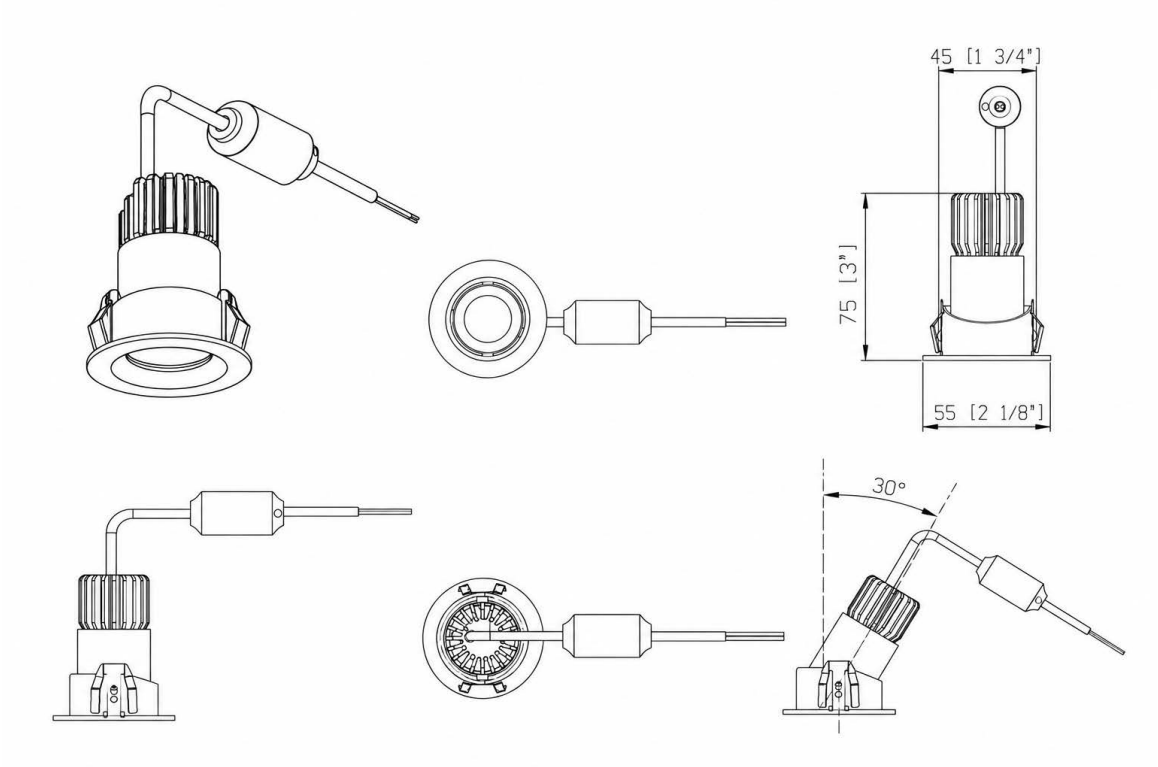
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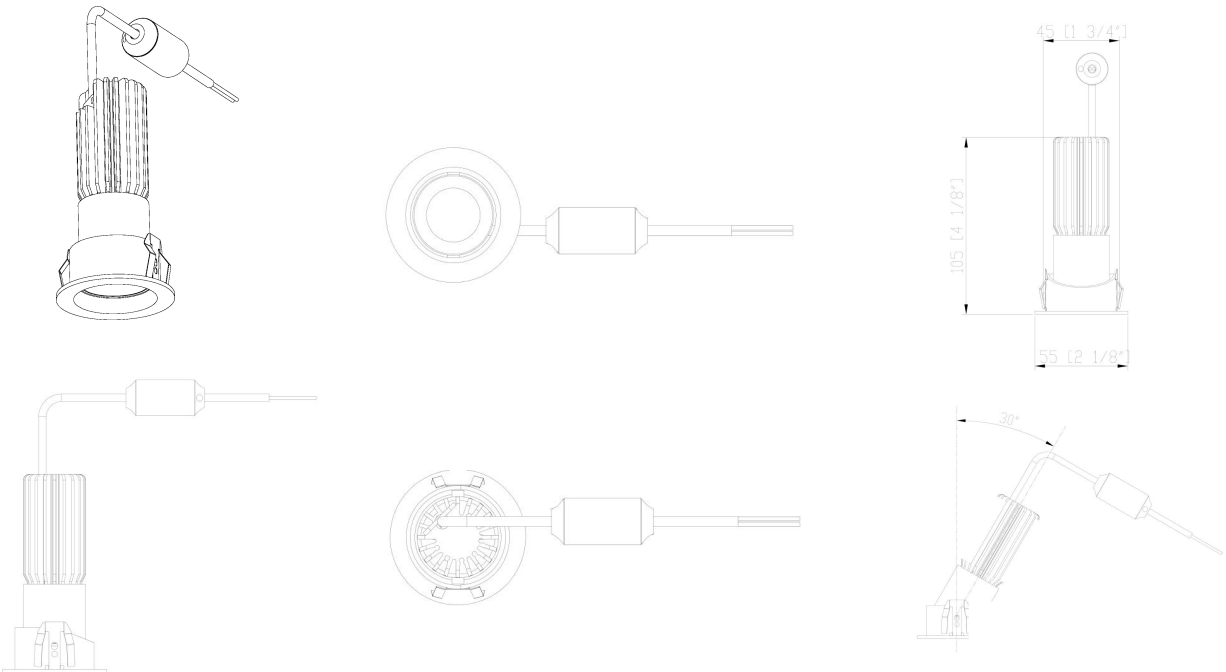
1" RECESSED LED DOWNLIGHT

## DIMENSIONS

5W




7/10W



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## DELIVERED LUMENS MATRIX

90CRI, Lens Optic, White Trim

| Wattage | Color Temperature | 15˚ Optic | 24˚ Optic | 36˚ Optic | 50˚ Optic |
|---|---|---|---|---|---|
| 5W | 2700K (90CRI) | 420.97 | 412.86 | 411 | 404.87 |
| | 3000K (90CRI) | 434.98 | 423.9 | 418 | 412.96 |
| | 3500K (90CRI) | 450.51 | 441.77 | 444.72 | 436.08 |
| | Hex Louver (3000K) | — | — | 287.9 | — |
| | Solite (3000K) | — | — | 336.93 | — |
| 7W | 2700K (90CRI) | 526.08 | 519.09 | 520.89 | 514.12 |
| | 3000K (90CRI) | 544.56 | 532.86 | 530 | 529.95 |
| | 3500K (90CRI) | 564.61 | 551.84 | 558.7 | 543.41 |
| | Hex Louver (3000K) | — | — | 361.28 | — |
| | Solite (3000K) | — | — | 426.18 | — |
| 10W | 2700K (90CRI) | 784.3 | 783.14 | 766.04 | 761 |
| | 3000K (90CRI) | 791.69 | 802.95 | 795 | 787.81 |
| | 3500K (90CRI) | 863.82 | 874.7 | 863.06 | 853.33 |
| | Hex Louver (3000K) | — | — | 536.94 | — |
| | Solite (3000K) | — | — | 640.08 | — |

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1" RECESSED LED DOWNLIGHT

## COMPATIBLE DRIVER



| | |
|---|---|
| Model | LB55500 |
| Wattage | 120W |
| Dimensions | 7.4" x 3.7" x 1.7" |
| Temperature | IP67 |
| Dimming | Triac / MLV / ELV / 0-10V |



| | |
|---|---|
| Model | LB55461 |
| Wattage | 30W |
| Dimensions | 4.25" x 3.25" x 1.5" |
| Temperature | IP67 |
| Dimming | Triac / MLV / ELV |



| | |
|---|---|
| Model | LB55501 |
| Wattage | 200W |
| Dimensions | 9.4" x 4" x 1.7" |
| Temperature | IP20 |
| Dimming | Triac / MLV / ELV / 0-10V |



| | |
|---|---|
| Model | LB55463 |
| Wattage | 60W |
| Dimensions | 4.25" x 3.25" x 1.5" |
| Temperature | IP67 |
| Dimming | Triac / MLV / ELV |



| | |
|---|---|
| Model | LB55502 |
| Wattage | 300W |
| Dimensions | 10" x 4.3" x 1.7" |
| Temperature | IP20 |
| Dimming | Triac / MLV / ELV / 0-10V |



| | |
|---|---|
| Model | LB55465 |
| Wattage | 96W |
| Dimensions | 4.25" x 3.25" x 1.5" |
| Temperature | IP67 |
| Dimming | Triac / MLV / ELV |

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## QUANTITY OF FIXTURE PER DRIVER

| Wattage | Driver | Max Fixtures Per Driver |
|---|---|---|
| 5W | LB55461 (30W) | 5 |
| | LB55463 (60W) | 10 |
| | LB55465 (96W) | 16 |
| | LB55500 (120W) | 20 |
| | LB55501 (200W) | 33 |
| | LB55502 (300W) | 50 |
| 7W | LB55461 (30W) | 3 |
| | LB55463 (60W) | 7 |
| | LB55465 (96W) | 11 |
| | LB55500 (120W) | 14 |
| | LB55501 (200W) | 23 |
| | LB55502 (300W) | 35 |
| 10W | LB55461 (30W) | 2 |
| | LB55463 (60W) | 5 |
| | LB55465 (96W) | 8 |
| | LB55500 (120W) | 10 |
| | LB55501 (200W) | 16 |
| | LB55502 (300W) | 25 |