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

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

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

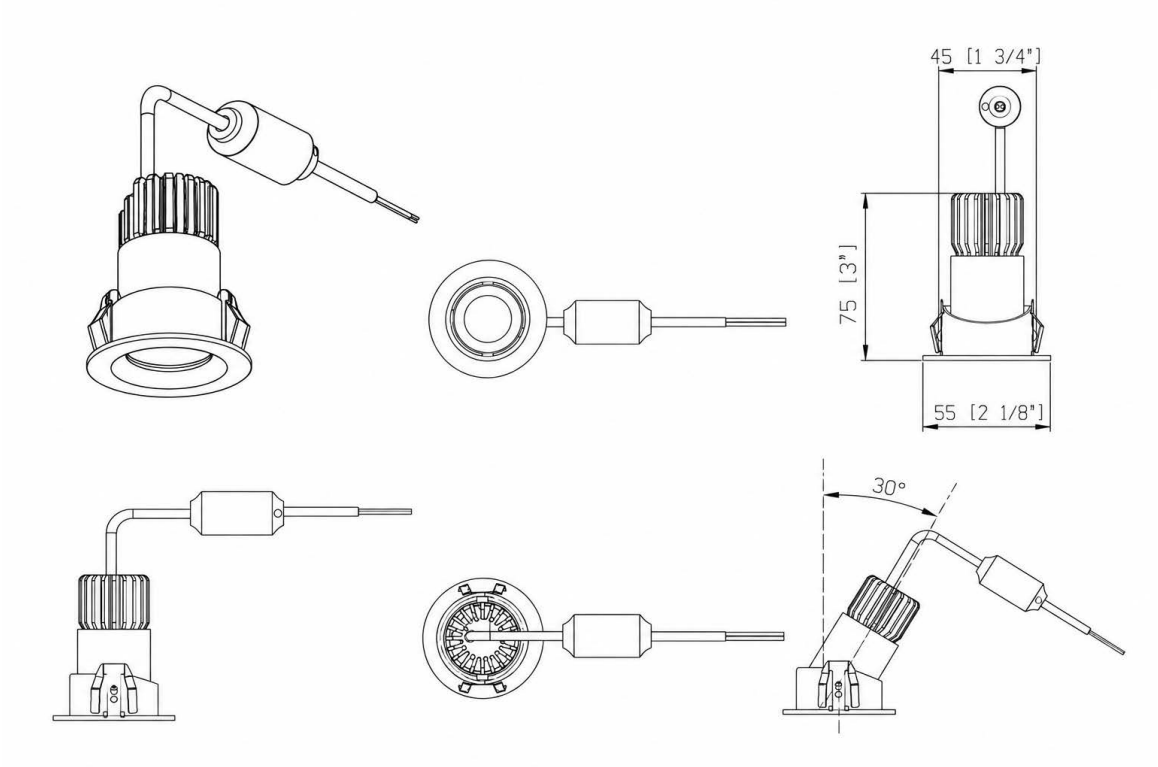
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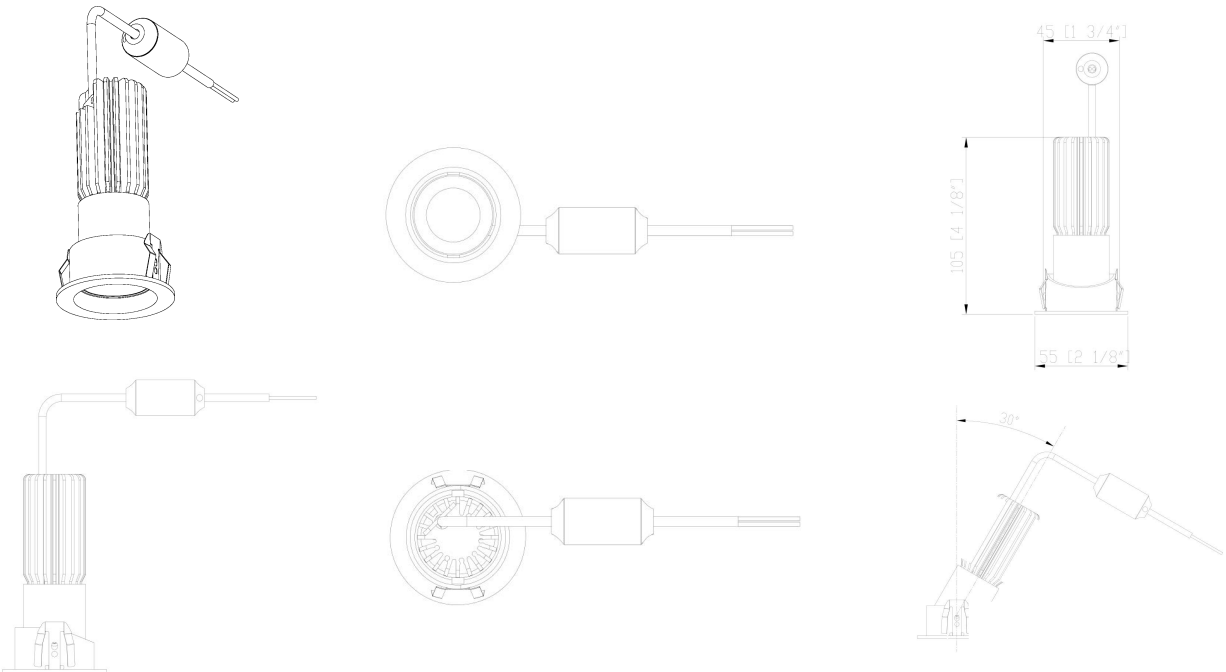
1" RECESSED LED DOWNLIGHT

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