





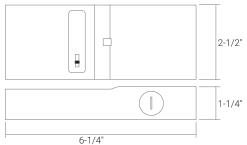


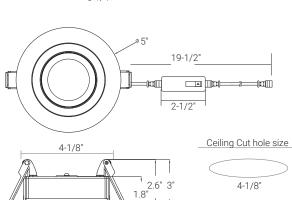


2 HOUR FIRE RATING

Tested to comply with UL 263, ASTM E119 & CAN ULC S101

DIMENSIONS





NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
1100	1198	11W
900	1002	9W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

INSTALLATION

Cut hole in ceiling. Insert luminaire into opening by squeezing spring clips on both sides of luminaire. The width in ceiling needed for the driver to fit is 3".

You MUST seal all gaps between the ceiling and fixture with weatherproof silicone sealant. This deters moisture and water from damaging fixtures and other mechanical ceiling elements.

FEATURES

2 hour fire rated 4" gimbal multi-lumen, multi-CCT LED engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Easily access field-adjustable 5-Color SeleCCTor switch by lowering the luminaire from the opening. Recessed housing not required, especially with limited plenum applications. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	900L/1100L
ССТ	27K/30K/35K/40K/50K
CRI	90+
COLOR QUALITY	3 Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Gimbal
TRIM COLORS	White
DIMMING	Triac dimming(120V only) & 0-10V dimming(120-277V)
EMERGENCY	16W high voltage inverter (remote)
LUMEN MAINTANACE	L70 at 50,000 Hours
PHOTOMETRIC	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

- 2-Hour fire rating providing a reinforced and heat resistant steel casing.
- Selectable color temperature: 27K, 30K, 35K, 40K & 50K
- · Junction box with commercial grade driver included
- · Triac Dimmable, Certified airtight, IC rated
- · Easy installation with Heavy-Duty Commercial Grade Steel spring clip NO ADDITIONAL BOX REQUIRED
- Ambient operating temperature: -20°C (-4°F) to +40°C (+104°F).
- · Aluminum Die Cast trim with powder paint coat preventing discoloring and rusting.
- ETL listed in USA & Canada. 2-HOUR FIRE RATING and complies with ASTM E119, UL 263. certified to CSA standard C22.2 No. 250.0-08
- 5-Year, no-compromise warranty.











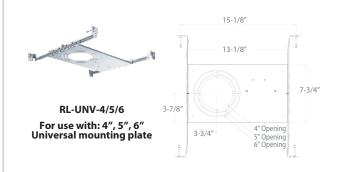


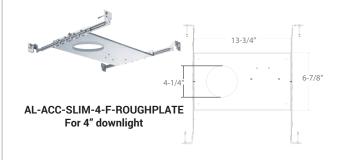


TRIM and DRIVER

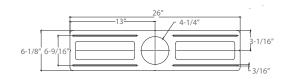
27K/30K/35K/40K/50K 900L/1100L Up to 90° Tilt

ACCESSORIES









RL-ACC-SLIM-4-ROUGHPLATE Rough-in plate for use with 4" downlights

FS-RL473-900L/1100L-DIMTR/120-DIM10/MV0LT-27K/30K/35K/40K/50K-90-MD-WH

TYPE	LUMEN/DIMMING	ССТ	CRI	FINISH
FS-RL473	900L/1100L-DIMTR/120-DIM10/MVOLT	27K/30K/35K/40K/50K	90	WH -White

RL-UNV-4/5/6

ACC	ESS	ORI	ES	

RL-UNV-4/5/6 - Universal Mounting Plate for 4",5" and 6"
RL-ACC-SLIM-4-ROUGHPLATE - 4" Mounting Plate
AL-ACC-SLIM-4-F-ROUGHPLATE - 4" Flanged Roughplate
EMG-LED-G-16W-HV-FLEX - 16W high voltage inverter (remote)





TEST NO.: **EL01112439**

FS-RL473-900L-1100L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-MD-WH(1100L)

INPUT WATTS: 11.5	LUMENS: 1198		EF	FICACY: 1	04	BE	AM ANGI	LE: 39		SPAC	ING CR	RITERIA: 0.59		
CANDELA DISTRIBUTION			CANDELA TABLE LU			UMINANCE (cd/sq.m)			PER ZONE	ZONA	ZONAL LUMEN SUMMARY			
200	90°		0°	90°		0.00°	90.00°	ZONE	LUMENS	ZONE	UMENS	% LUMINAIRE		
400	80°	0° 18	318	1826	0.00°	155736	156378	0° - 10°	164	0° - 20°	483	40%		
600	√ _{70°} 1	10° 14	143	1475	45.00°	15833	15292	10° - 20°	319	0° - 30°	775	65%		
800		20° 8	41	858	55.00°	9508	9405	20° - 30°	292	0° - 40°	970	81%		
1000	60°	30° 4	25	427	65.00°	6907	6944	30° - 40°	195	0° - 60°	1142	95%		
1400 500	۰ ۷	10° 1	92	189	75.00°	4587	5169	40° - 50°	110	0° - 80°	1195	100%		
1600 40°	5	50° 8	39	87	85.00°	256	688	50° - 60°	62	0° - 90°	1198	100%		
1800	6	60° 4	17	46				60° - 70°	36					
2000 10° 20°	7	70° 2	24	24				70° - 80°	17					
	3	30°	5	7				80° - 90°	2					
	9	90°	0	0										
CONE OF LIGHT	т					IND	OOR COEFI	FICIENTS OF U	TILIZATION					

FC AT	BEAM	BEAM DIA.
BEAM	DIA.	90°-270°
CENTER	0°-180°	
50.5 fc	4.2 ft	4.2 ft
28.4 fc	5.6 ft	5.7 ft
18.2 fc	7.0 ft	7.1 ft
12.6 fc	8.4 ft	8.5 ft
9.3 fc	9.8 ft	9.9 ft
7.1 fc	11.2 ft	11.3 ft
5.6 fc	12.6 ft	12.7 ft
4.5 fc	14.0 ft	14.1 ft
	BEAM CENTER 50.5 fc 28.4 fc 18.2 fc 12.6 fc 9.3 fc 7.1 fc 5.6 fc	BEAM DIA. CENTER 0°-180° 50.5 fc 4.2 ft 28.4 fc 5.6 ft 18.2 fc 7.0 ft 12.6 fc 8.4 ft 9.3 fc 9.8 ft 7.1 fc 11.2 ft 5.6 fc 12.6 ft

								20%									0%	
	80	1%			70)%			50%			30%				10%		
70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
119	119	119	119	117	117	117	117	111	111	111	107	107	107	102	102	102	100	
113	110	107	105	111	108	105	103	104	102	100	100	98	97	96	95	94	92	
107	101	97	93	104	100	96	92	96	93	90	93	90	88	90	88	86	84	
101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78	
95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72	
90	81	75	70	89	80	74	70	78	73	69	77	72	69	75	71	68	67	
86	76	70	65	84	75	69	65	74	68	65	72	68	64	71	67	64	62	
81	72	65	61	80	71	65	61	70	64	60	68	64	60	67	63	60	58	
78	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55	
74	64	58	54	73	63	58	53	62	57	53	62	57	53	61	56	53	52	
71	61	55	51	70	60	54	51	59	54	50	59	54	50	58	53	50	49	
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FS-RL473-900L-1100L-DIMTR-120-DIM10-MVOLT-27K-30K-35K-40K-50K-90-MD-WH(900L)

TEST NO.: **EL01112439**

INPUT WATTS: 9.3	LUMENS: 1002	EFFICACY: 108			3	BEA	AM ANGL	E: 39	SPACING CRITERIA: 0.59					
CANDELA DISTRIBUTION			CANDELA TABLE			UMINANCE (cd/sq.m) L			PER ZONE	ZON/	ZONAL LUMEN SUMMARY			
200 400 600 800 1000 1200	90° 70° 60° 50°	0° 10° 20° 30° 40° 50°	0° 1522 1209 704 356 161 75	1221 706 9 351 0	0.00° 45.00° 55.00° 65.00° 75.00°	0.00° 130405 13108 7939 5762 3849 226	90.00° 130304 12512 7692 5685 4206 452	ZONE 0° - 10° 10° - 20° 20° - 30° 30° - 40° 40° - 50° 50° - 60°	LUMENS 137 267 244 163 91 51	ZONE 0° - 20° 0° - 30° 0° - 40° 0° - 60° 0° - 80° 0° - 90°	404 648 812 955 999 1001	% LUMINAIRE 40% 65% 81% 95% 100% 100%		
1400/ 1600 10° 20°		60° 70° 80° 90°	39 20 5 0	38 20 6 0				60° - 70° 70° - 80° 80° - 90°	30 14 2					
CONE OF LI	GHT					IND	OOR COEFI	FICIENTS OF U	TILIZATION					

CONE OF LIGHT													
MOUNTING HEIGHT	FC AT BEAM CENTER	BEAM DIA. 0°-180°	BEAM DIA. 90°-270°										
6.0 ft	42.3 fc	4.2 ft	4.2 ft										
8.0 ft	23.8 fc	5.6 ft	5.6 ft										
10.0 ft	15.2 fc	7.0 ft	7.0 ft										
12.0 ft	10.6 fc	8.4 ft	8.5 ft										
14.0 ft	7.8 fc	9.9 ft	9.9 ft										
16.0 ft	5.9 fc	11.3 ft	11.3 ft										
18.0 ft	4.7 fc	12.7 ft	12.7 ft										
20.0 ft	3.8 fc	14.1 ft	14.1 ft										

	INDOOR COEFFICIENTS OF UTILIZATION																	
ρf									20%									0%
ρс		80	1%			70	1%			50%			30%			10%	0%	
ρw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	117	117	117	117	111	111	111	107	107	107	102	102	102	100
1	113	110	107	105	111	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	90	88	90	88	86	84
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	89	80	74	70	79	73	69	77	72	69	75	71	68	67
6	86	76	70	65	84	75	69	65	74	69	65	72	68	64	71	67	64	62
7	81	72	65	61	80	71	65	61	70	64	60	68	64	60	67	63	60	58
8	78	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52
10	71	61	55	51	70	60	54	51	59	54	50	59	54	50	58	53	50	49