

NOMINAL LUMENS	DELIVERED LUMENS	WATTAGE
700	830	11W
900	1040	13W

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

6" square slim LED luminaire engineered for new construction, remodel, or retrofit to accommodate insulated or dropped ceilings. Remote driver allows easy installation and maintenance. Small aperture and shallow depth are ideal for unlimited applications.

LUMENS	700, 900
CCT	27K, 30K, 35K, 40K, 50K
CRI	90+
COLOR QUALITY	3-Step MacAdam Ellipse
CONSTRUCTION	Aluminum die-cast body and trim
TRIM OPTION	Square Flat Lens
TRIM COLORS	WH (White)
DIMMING	DIMTR (Triac)
EMERGENCY	16W high voltage inverter (remote)
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

- IC-Rated and Air-Tight ready and may be in direct contact with insulation.
- Can be installed in applications with limited plenum clearance.
- May be installed in drywall or suspended ceilings.
- Flicker-free 120V forward-phase Triac dimming down to 5%.
- Even illumination of luminaire is achieved by utilizing patent-pending optics along with edgelit LED technology.
- Aluminum die-cast body and trim.

SLIM TRIM



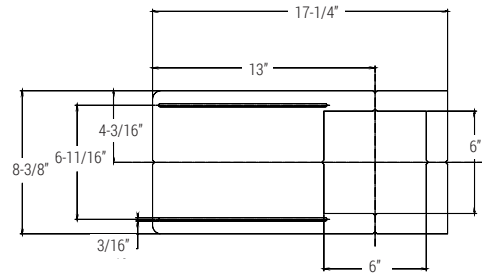
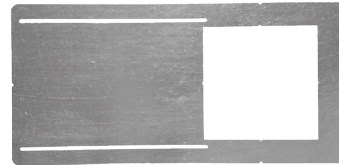
ACCESSORIES



RL-ACC-SLIM-1-10F
10-ft long extension



RL-ACC-SLIM-1-20F
20-ft long extension



RL-ACC-SLIM-6-SQ-ROUGHPLATE
Rough-in plate for use with 6" downlights

EXAMPLE:
RL676-900L-DIMTR-120-30K-90-WH

TYPE	LUMEN	CCT	CRI	FINISH
RL676	<input type="checkbox"/> 700L-DIMTR-120 <input type="checkbox"/> 900L-DIMTR-120	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K <input type="checkbox"/> 50K	<input type="checkbox"/> 90+	<input type="checkbox"/> WH-White

RL-ACC-SLIM-1-10F

OPTIONS
<input type="checkbox"/> RL-ACC-SLIM-1-10F - 10ft Long Extension <input type="checkbox"/> RL-ACC-SLIM-1-20F - 20ft Long Extension <input type="checkbox"/> RL-ACC-SLIM-6-SQ-ROUGHPLATE - 6" Square Mounting Plate

RL676-700L-DIMTR-120-40K-90-WH

TEST NO.: EL082019115

INPUT WATTS: 11.3715

LUMENS: 830

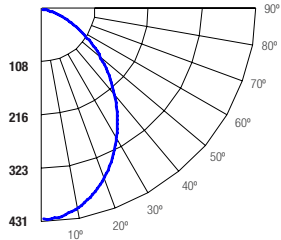
CRI: 90

EFFICACY: 73

CCT: 4000K

SPACING CRITERIA: 1.20

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows range from 0-20 to 0-90.

Luminance (Average candela/M²)

Table with 4 columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows range from 45 to 85.

Lumens Per Zone

Table with 2 columns: Zone, Lumens. Rows range from 0-10 to 80-90.

Candela Tabulation

Table with 2 columns: Candela, Footcandle. Rows range from 0 to 90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Large table for Coefficients of Utilization with columns for RC, RW, and percentages (70%, 50%, 30%, 10%, 0%).

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light table for RL676-700L with columns for distance and footcandle.

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RL676-900L-DIMTR-120-40K-90-WH

TEST NO.: EL08051909

INPUT WATTS: 13.5031

LUMENS: 1040

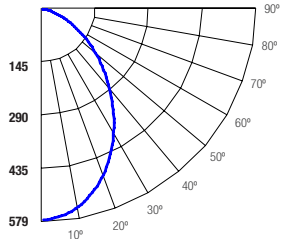
CRI: 90

EFFICACY: 77

CCT: 4000K

SPACING CRITERIA: 1.14

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows range from 0-20 to 0-90.

Luminance (Average candela/M²)

Table with 4 columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows range from 45 to 85.

Lumens Per Zone

Table with 2 columns: Zone, Lumens. Rows range from 0-10 to 80-90.

Candela Tabulation

Table with 2 columns: Candela, Footcandle. Rows range from 0 to 90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Large table for Coefficients of Utilization for RL676-900L.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light table for RL676-900L.

BEAM DIA. MEASURED AT 50% OF NADIR F.C.

RL676-1100L-DIMTR-120-40K-90-WH

TEST NO.: EL082019114

INPUT WATTS: 13.4582

LUMENS: 1092

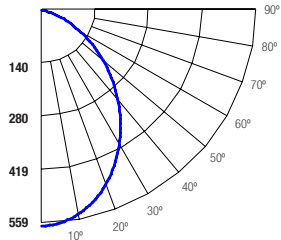
CRI: 90

EFFICACY: 81

CCT: 4000K

SPACING CRITERIA: 1.20

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with 4 columns: Zone, Lumens, %Lamp, %Fixt. Rows range from 0-20 to 0-90.

Luminance (Average candela/M²)

Table with 4 columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows range from 45 to 85.

Lumens Per Zone

Table with 2 columns: Zone, Lumens. Rows range from 0-10 to 80-90.

Candela Tabulation

Table with 2 columns: Candela, Footcandle. Rows range from 0 to 90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Large table for Coefficients of Utilization for RL676-1100L.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

Cone of Light table for RL676-1100L.

BEAM DIA. MEASURED AT 50% OF NADIR F.C.