

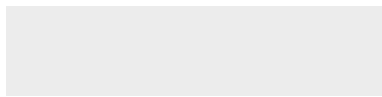


RAIL-LITE II™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

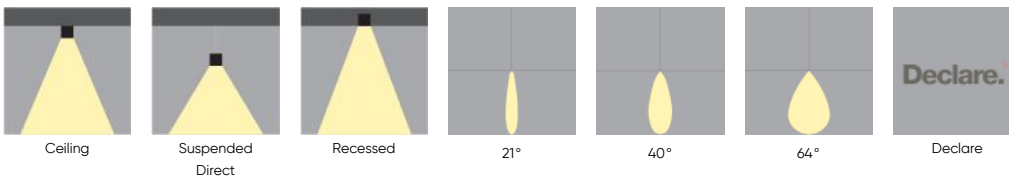


QUANTITIES

1 DESCRIPTION

Rail-Lite II delivers a refined, adjustable spot-lighting system that integrates subtly into interiors while offering precise light control and excellent colour fidelity. Whether specified as a recessed, ceiling-mounted or suspended version the design conceals the light sources for a clean, discreet aesthetic. Individual heads can slide laterally within the channel (up to 305 mm / 12") so fixtures can be positioned flexibly, and high-power LEDs are serviceable from below. A CRI of 90 ensures accurate color rendering, making merchandise and materials appear true and distinct. Reflectors are highly-specular, delivering narrow, medium or wide beams (21°, 40°, 64°) to match a variety of lighting needs. With an integral constant-current driver (120–277 V / EU-240 V) and built-in junction box for branch circuit wiring, **Rail-Lite II** is ready for straightforward installation and dependable performance. Optionally, the system supports Power over Ethernet (PoE) for data-network integration or further dimming/control options.

2 OPTICS & FEATURES



3 APPROVALS



4 GENERAL SPECIFICATION

HOUSING

Steel and aluminum. For new construction, access is required above the ceiling. Non I.C. rated housing (NA only). Not suitable for insulated ceilings.

SUSPENSION

Stainless steel cables.

REFLECTORS

Highly reflective, specular finish.

LEDS

High power, LEDs can be replaced from below.

SLIDING

Individual heads can slide a maximum of 305mm/12" left or right of its centre point.

POE

Rail-Lite II can integrate into your data network via Power over Ethernet (PoE) connectivity.

SENSORS

Consult factory regarding sensor compatibility.

APPROVALS

Damp Rated.

FINISH

Powder coated.

POWER CABLE

Silver braided.

LED HEAT SINK

Extruded aluminum.

APERTURE

133.35mm/5.25"

DRIVERS

Constant Current driver for 120-277V (EU-240V). The driver is integral to the fixture housing.

MECHANICAL

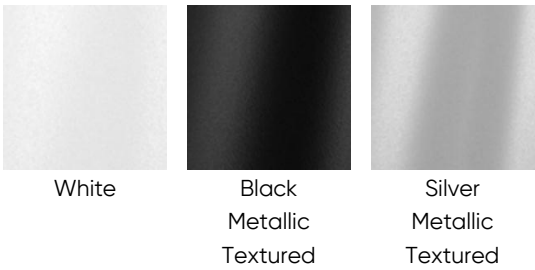
Luminaires mount directly over J box (by others - North America only).

REPORTED L70 @25°C(77°F)

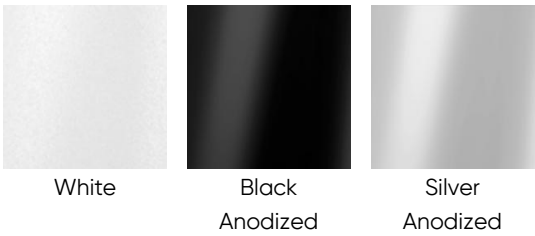
> 60,000 hrs.

5 DESIGN OPTIONS

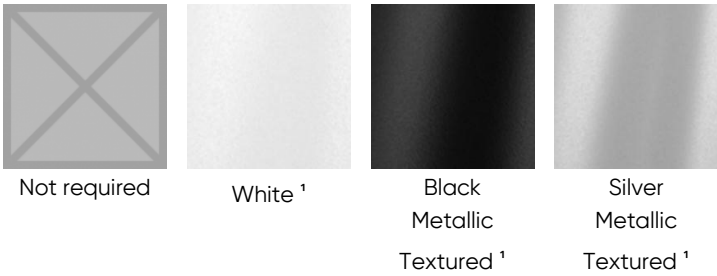
HOUSING FINISH



GIMBAL FINISH

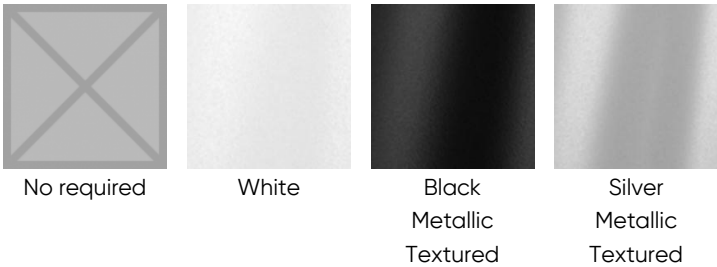


TRIM FINISH



¹ Only available with Recessed luminaire type.

CANOPY FINISH



6 HOW TO ORDER

1. LUMINAIRE TYPE

RTTP Pendant RTTC Ceiling RTTR Recessed

2. SECTION LENGTH

SL01 1ft SL02 2ft SL03 3ft SL04 4ft
SL05 5ft SL06 6ft SL07 7ft

3. NUMBER OF HEADS

NH01 1¹ NH02 2² NH03 3³ NH04 4⁴
NH05 5⁵ NH06 6⁶ NH07 7⁷

All heads are spaced equally, for custom spacing consult factory. Individual heads can slide a maximum of 1' left or right of its centre point.

¹ Unavailable with lengths over 2'. ² Unavailable with 1' length. ³ Unavailable with lengths under 3'. ⁴ Unavailable with lengths under 4'.

⁵ Unavailable with lengths under 5'. ⁶ Unavailable with lengths under 6'. ⁷ Unavailable with lengths under 7'.

4. CRI

CR80 CRI 80+ CR90 CRI 90+

5. CCT

CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K

6. BEAM ANGLE

RL21 21° (Narrow) RL40 40° (Medium) RL64 64° (Wide)

7. HOUSING FINISH

FA01 White FA02 Black Metallic Textured FA20 Silver Metallic Textured

8. GIMBAL FINISH

FB01 White FB24 Black Anodized FB58 Silver Anodized

9. TRIM FINISH

FC00 Not required FC01 White ¹ FC02 Black Metallic Textured ¹ FC20 Silver Metallic Textured ¹

¹ Only available with Recessed luminaire type.

10. CANOPY FINISH

CF00 No required **CF01** White **CF02** Black Metallic Textured **CF20** Silver Metallic Textured

11. VOLTAGE

V1 120/277V **V2** 240V ¹ **V3** 347V ² **V4** Low Voltage ³

¹ Not available in North America. ² Only available with DA01 dimming. ³ Only available with DA45 dimming.

12. DIMMING

DA01 0-10V Dimming 1.0% **DA02** 0-10V Dimming 0.1% ¹ **DA20** DALI Dimming 0.1% ¹ **DA21** DALI Dimming 1.0% ¹

DA30 DSI/switchDim ² **DA45** PoE ³

¹ Not available with V3. ² Not available in North America. ³ Only available with V4.

13. GIMBAL OPTIONS

NT0 Not required **NT1** Snoot - Black **NT2** Hex Cell Louver - Black **NT3** Cross Baffle - Black

7 PERFORMANCE DATA

CR90 CTA40-RL64

	Lumens	Watts	LPW
RL64-NT0	2632	28	94
RL64-NT1	1808	28	65
RL64-NT2	1300	28	46
RL64-NT3	1068	28	38

CR90 CTA40-RL40

	Lumens	Watts	LPW
RL40-NT0	2667	28	95
RL40-NT1	1461	28	52
RL40-NT2	1385	28	49
RL40-NT3	1089	28	39

CR90 CTA40-RL21

	Lumens	Watts	LPW
RL21-NT0	2691	28	96
RL21-NT1	1695	28	61
RL21-NT2	1776	28	63
RL21-NT3	1373	28	49

CR90 CTA35-RL64

	Lumens	Watts	LPW
RL64-NT0	2548	28	91
RL64-NT1	1750	28	63
RL64-NT2	1258	28	45
RL64-NT3	1034	28	37

CR90 CTA35-RL40

	Lumens	Watts	LPW
RL40-NT0	2581	28	92
RL40-NT1	1414	28	51
RL40-NT2	1340	28	48
RL40-NT3	1054	28	38

CR90 CTA35-RL21

	Lumens	Watts	LPW
RL21-NT0	2605	28	93
RL21-NT1	1641	28	59
RL21-NT2	1719	28	61
RL21-NT3	1329	28	47

CR90 CTA30-RL64

	Lumens	Watts	LPW
RL64-NT0	2471	28	88
RL64-NT1	1697	28	61
RL64-NT2	1220	28	44
RL64-NT3	1003	28	36

CR90 CTA30-RL40

	Lumens	Watts	LPW
RL40-NT0	2504	28	89
RL40-NT1	1373	28	49
RL40-NT2	1299	28	46
RL40-NT3	1022	28	37

CR90 CTA30-RL21

	Lumens	Watts	LPW
RL21-NT0	2527	28	90
RL21-NT1	1591	28	57
RL21-NT2	1667	28	60
RL21-NT3	1288	28	46

CR90 CTA27-RL64

	Lumens	Watts	LPW
RL64-NT0	2378	28	85
RL64-NT1	1633	28	58
RL64-NT2	1173	28	42
RL64-NT3	965	28	34

CR90 CTA27-RL40

	Lumens	Watts	LPW
RL40-NT0	2409	28	86
RL40-NT1	1321	28	47
RL40-NT2	1251	28	45
RL40-NT3	984	28	35

CR90 CTA27-RL21

	Lumens	Watts	LPW
RL21-NT0	2431	28	87
RL21-NT1	1531	28	55
RL21-NT2	1604	28	57
RL21-NT3	1240	28	44

CR80 CTA40-RL64

	Lumens	Watts	LPW
RL64-NT0	3064	28	109
RL64-NT1	2105	28	75
RL64-NT2	1514	28	54
RL64-NT3	1244	28	44

CR80 CTA40-RL40

	Lumens	Watts	LPW
RL40-NT0	3105	28	111
RL40-NT1	1702	28	61
RL40-NT2	1613	28	58
RL40-NT3	1269	28	45

CR80 CTA40-RL21

	Lumens	Watts	LPW
RL21-NT0	3133	28	112
RL21-NT1	1974	28	71
RL21-NT2	2068	28	74
RL21-NT3	1598	28	57

CR80 CTA35-RL64

	Lumens	Watts	LPW
RL64-NT0	3056	28	109
RL64-NT1	2099	28	75
RL64-NT2	1509	28	54
RL64-NT3	1240	28	44

CR80 CTA35-RL21

	Lumens	Watts	LPW
RL21-NT0	3125	28	112
RL21-NT1	1968	28	70
RL21-NT2	2062	28	74
RL21-NT3	1593	28	57

CR80 CTA35-RL40

	Lumens	Watts	LPW
RL40-NT0	3097	28	111
RL40-NT1	1696	28	61
RL40-NT2	1608	28	57
RL40-NT3	1266	28	45

CR80 CTA30-RL64

	Lumens	Watts	LPW
RL64-NT0	2961	28	106
RL64-NT1	2034	28	73
RL64-NT2	1462	28	52
RL64-NT3	1201	28	43

CR80 CTA30-RL40

	Lumens	Watts	LPW
RL40-NT0	3000	28	107
RL40-NT1	1644	28	59
RL40-NT2	1558	28	56
RL40-NT3	1227	28	44

CR80 CTA30-RL21

	Lumens	Watts	LPW
RL21-NT0	3028	28	108
RL21-NT1	1907	28	68
RL21-NT2	1998	28	71
RL21-NT3	1544	28	55

CR80 CTA27-RL64

	Lumens	Watts	LPW
RL64-NT0	2849	28	102
RL64-NT1	1958	28	70
RL64-NT2	1407	28	50
RL64-NT3	1157	28	41

CR80 CTA27-RL40

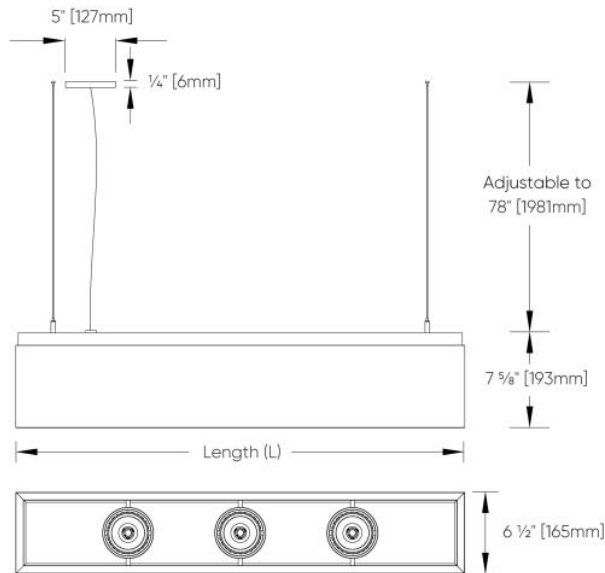
	Lumens	Watts	LPW
RL40-NT0	2887	28	103
RL40-NT1	1584	28	57
RL40-NT2	1499	28	54
RL40-NT3	1180	28	42

CR80 CTA27-RL21

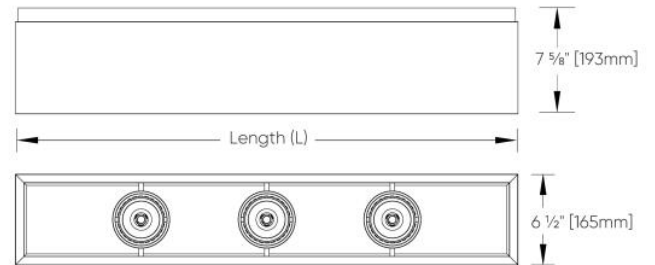
	Lumens	Watts	LPW
RL21-NT0	2913	28	104
RL21-NT1	1836	28	66
RL21-NT2	1941	28	69
RL21-NT3	1486	28	53

8 DIMENSIONAL DIAGRAMS

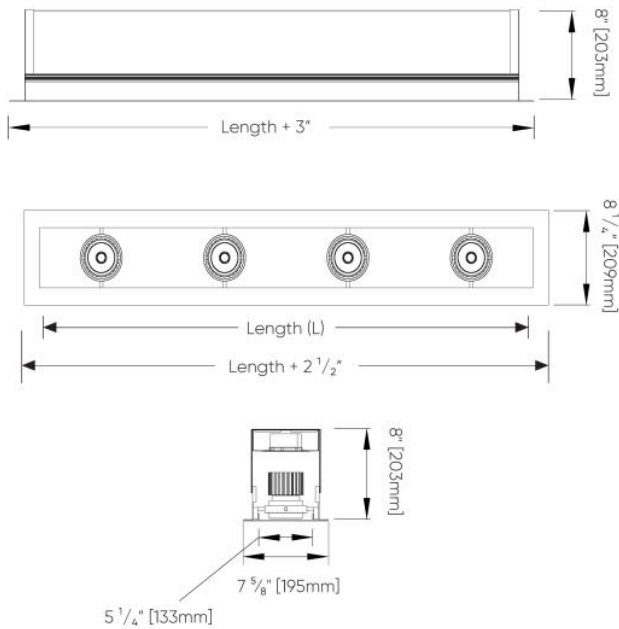
SUSPENDED



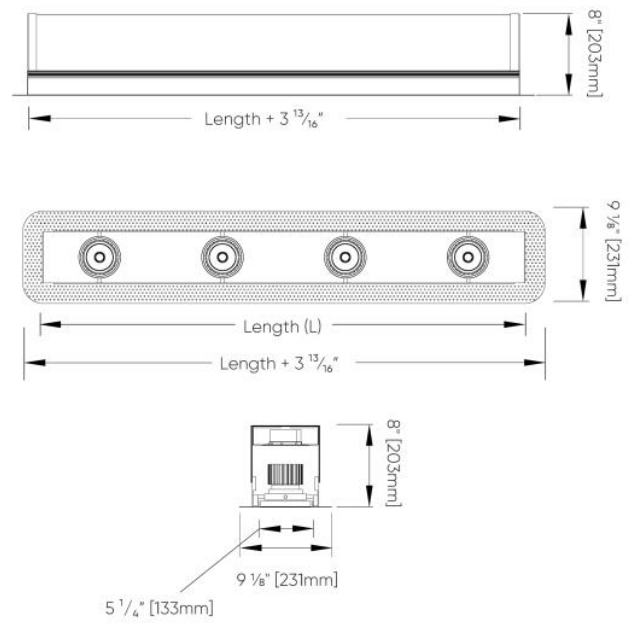
CEILING



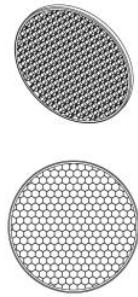
RECESSED - BEZEL TRIM (TY)



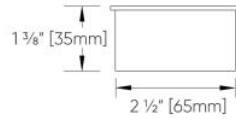
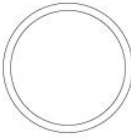
RECESSED - NO TRIM (TN)



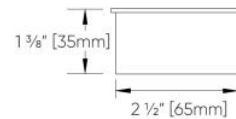
HEX LOUVER



SNOOT

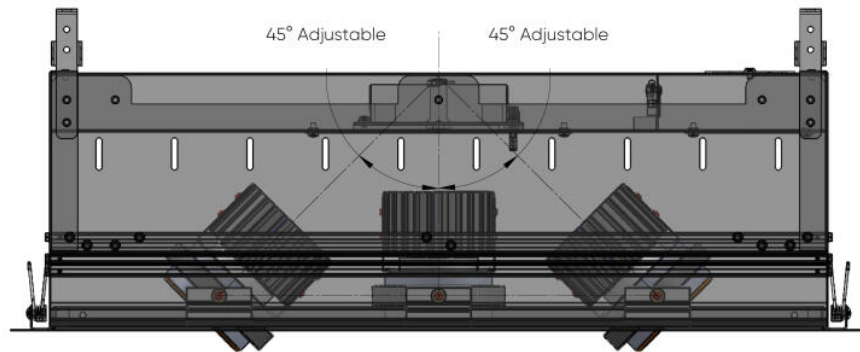


CROSS BAFFLE

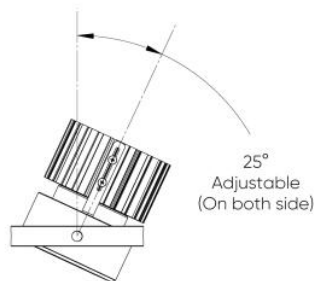


ADJUSTABILITY OF HEADS

Tilt on Large Axis



Tilt on Short Axis



ISO VIEW