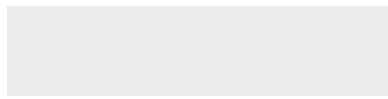


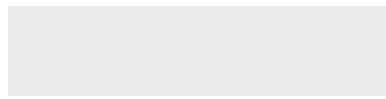


# RAIL-LITE II™

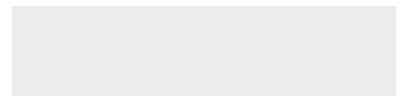
## FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

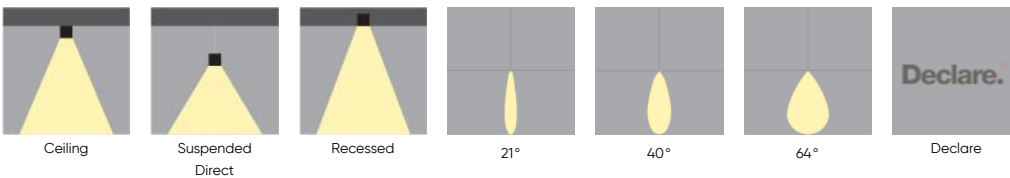


QUANTITIES

### 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)**

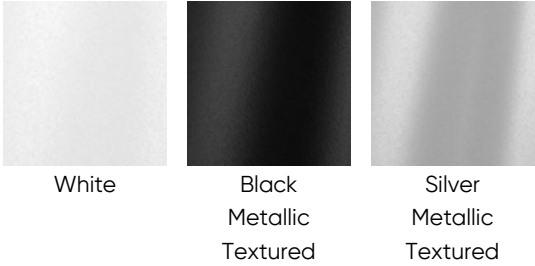
> 60,000 hrs.

**SUSTAINABILITY**

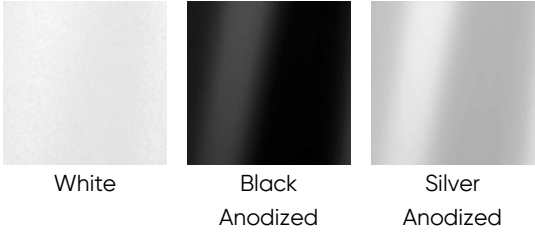
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

**5 DESIGN OPTIONS**

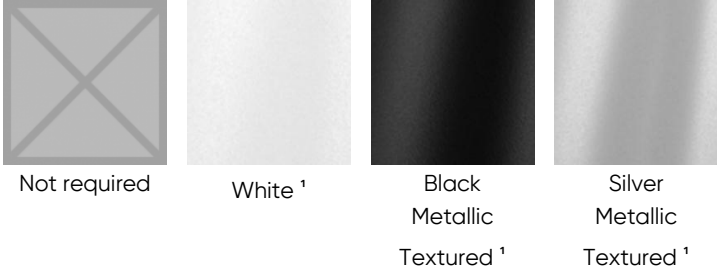
**HOUSING FINISH**



**GIMBAL FINISH**

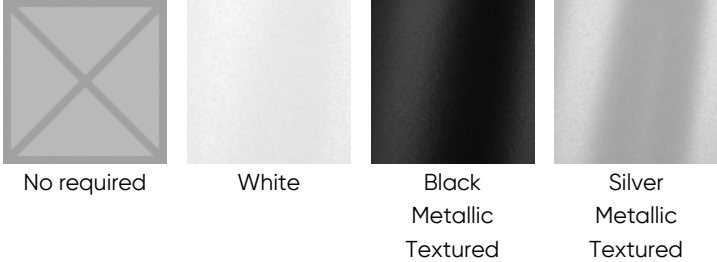


**TRIM FINISH**



<sup>1</sup> Only available with Recessed luminaire type.

**CANOPY FINISH**



**6 HOW TO ORDER**

**1. LUMINAIRE TYPE**

RTPP 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 1<sup>1</sup>                      NH02 2<sup>2</sup>                      NH03 3<sup>3</sup>                      NH04 4<sup>4</sup>  
NH05 5<sup>5</sup>                      NH06 6<sup>6</sup>                      NH07 7<sup>7</sup>

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.

<sup>1</sup> Unavailable with lengths over 2'. <sup>2</sup> Unavailable with 1' length. <sup>3</sup> Unavailable with lengths under 3'. <sup>4</sup> Unavailable with lengths under 4'.

<sup>5</sup> Unavailable with lengths under 5'. <sup>6</sup> Unavailable with lengths under 6'. <sup>7</sup> 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 <sup>1</sup>                      FC02 Black Metallic Textured <sup>1</sup>                      FC20 Silver Metallic Textured <sup>1</sup>

<sup>1</sup> 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 <sup>1</sup>      **V3** 347V <sup>2</sup>      **V4** Low Voltage <sup>3</sup>

<sup>1</sup> Not available in North America. <sup>2</sup> Only available with DA01 dimming. <sup>3</sup> Only available with DA45 dimming.

## 12. DIMMING

**DA01** 0-10V Dimming 1.0%      **DA02** 0-10V Dimming 0.1% <sup>1</sup>      **DA20** DALI Dimming 0.1% <sup>1</sup>      **DA21** DALI Dimming 1.0% <sup>1</sup>  
**DA30** DSI/switchDim <sup>2</sup>      **DA45** PoE <sup>3</sup>

<sup>1</sup> Not available with V3. <sup>2</sup> Not available in North America. <sup>3</sup> 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	CR90 CTA40-RL40	Lumens	Watts	LPW
RL64-NT0	2632	28	94	RL40-NT0	2667	28	95
RL64-NT1	1808	28	65	RL40-NT1	1461	28	52
RL64-NT2	1300	28	46	RL40-NT2	1385	28	49
RL64-NT3	1068	28	38	RL40-NT3	1089	28	39

CR90 CTA40-RL21	Lumens	Watts	LPW	CR90 CTA35-RL64	Lumens	Watts	LPW
RL21-NT0	2691	28	96	RL64-NT0	2548	28	91
RL21-NT1	1695	28	61	RL64-NT1	1750	28	63
RL21-NT2	1776	28	63	RL64-NT2	1258	28	45
RL21-NT3	1373	28	49	RL64-NT3	1034	28	37

CR90 CTA35-RL40	Lumens	Watts	LPW	CR90 CTA35-RL21	Lumens	Watts	LPW
RL40-NT0	2581	28	92	RL21-NT0	2605	28	93
RL40-NT1	1414	28	51	RL21-NT1	1641	28	59
RL40-NT2	1340	28	48	RL21-NT2	1719	28	61
RL40-NT3	1054	28	38	RL21-NT3	1329	28	47

CR90 CTA30-RL64	Lumens	Watts	LPW	CR90 CTA30-RL40	Lumens	Watts	LPW
RL64-NT0	2471	28	88	RL40-NT0	2504	28	89
RL64-NT1	1697	28	61	RL40-NT1	1373	28	49
RL64-NT2	1220	28	44	RL40-NT2	1299	28	46
RL64-NT3	1003	28	36	RL40-NT3	1022	28	37

CR90 CTA30-RL21	Lumens	Watts	LPW	CR90 CTA27-RL64	Lumens	Watts	LPW
RL21-NT0	2527	28	90	RL64-NT0	2378	28	85
RL21-NT1	1591	28	57	RL64-NT1	1633	28	58
RL21-NT2	1667	28	60	RL64-NT2	1173	28	42
RL21-NT3	1288	28	46	RL64-NT3	965	28	34

CR90 CTA27-RL40	Lumens	Watts	LPW	CR90 CTA27-RL21	Lumens	Watts	LPW
RL40-NT0	2409	28	86	RL21-NT0	2431	28	87
RL40-NT1	1321	28	47	RL21-NT1	1531	28	55
RL40-NT2	1251	28	45	RL21-NT2	1604	28	57
RL40-NT3	984	28	35	RL21-NT3	1240	28	44

CR80 CTA40-RL64				CR80 CTA40-RL40			
	Lumens	Watts	LPW		Lumens	Watts	LPW
RL64-NT0	3064	28	109	RL40-NT0	3105	28	111
RL64-NT1	2105	28	75	RL40-NT1	1702	28	61
RL64-NT2	1514	28	54	RL40-NT2	1613	28	58
RL64-NT3	1244	28	44	RL40-NT3	1269	28	45

CR80 CTA40-RL21				CR80 CTA35-RL64			
	Lumens	Watts	LPW		Lumens	Watts	LPW
RL21-NT0	3133	28	112	RL64-NT0	3056	28	109
RL21-NT1	1974	28	71	RL64-NT1	2099	28	75
RL21-NT2	2068	28	74	RL64-NT2	1509	28	54
RL21-NT3	1598	28	57	RL64-NT3	1240	28	44

CR80 CTA35-RL21				CR80 CTA35-RL40			
	Lumens	Watts	LPW		Lumens	Watts	LPW
RL21-NT0	3125	28	112	RL40-NT0	3097	28	111
RL21-NT1	1968	28	70	RL40-NT1	1696	28	61
RL21-NT2	2062	28	74	RL40-NT2	1608	28	57
RL21-NT3	1593	28	57	RL40-NT3	1266	28	45

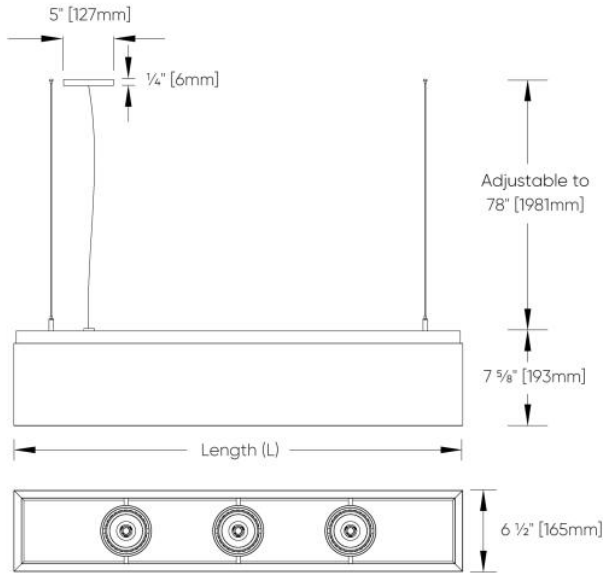
CR80 CTA30-RL64				CR80 CTA30-RL40			
	Lumens	Watts	LPW		Lumens	Watts	LPW
RL64-NT0	2961	28	106	RL40-NT0	3000	28	107
RL64-NT1	2034	28	73	RL40-NT1	1644	28	59
RL64-NT2	1462	28	52	RL40-NT2	1558	28	56
RL64-NT3	1201	28	43	RL40-NT3	1227	28	44

CR80 CTA30-RL21				CR80 CTA27-RL64			
	Lumens	Watts	LPW		Lumens	Watts	LPW
RL21-NT0	3028	28	108	RL64-NT0	2849	28	102
RL21-NT1	1907	28	68	RL64-NT1	1958	28	70
RL21-NT2	1998	28	71	RL64-NT2	1407	28	50
RL21-NT3	1544	28	55	RL64-NT3	1157	28	41

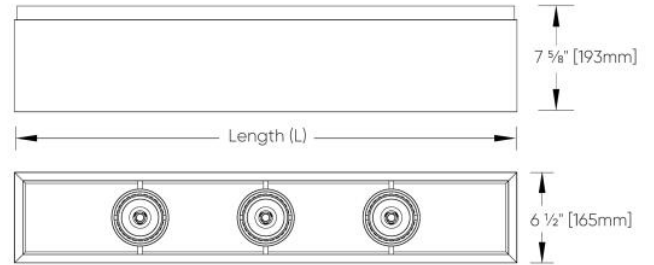
CR80 CTA27-RL40				CR80 CTA27-RL21			
	Lumens	Watts	LPW		Lumens	Watts	LPW
RL40-NT0	2887	28	103	RL21-NT0	2913	28	104
RL40-NT1	1584	28	57	RL21-NT1	1836	28	66
RL40-NT2	1499	28	54	RL21-NT2	1941	28	69
RL40-NT3	1180	28	42	RL21-NT3	1486	28	53

**8** DIMENSIONAL DIAGRAMS

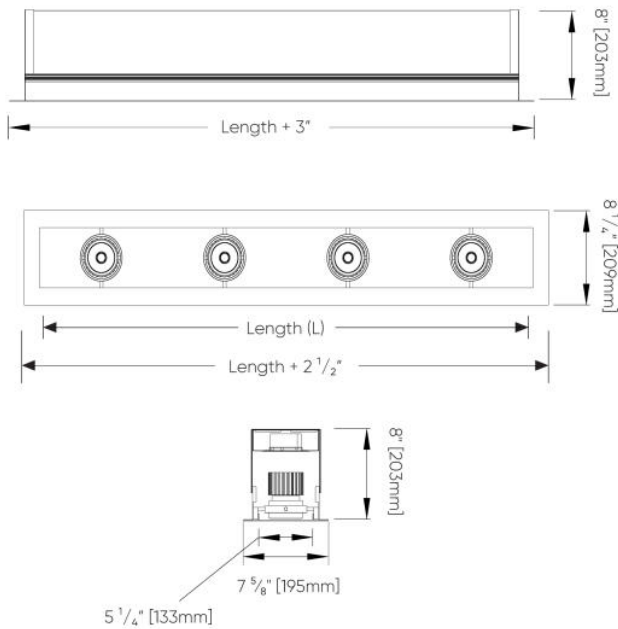
**SUSPENDED**



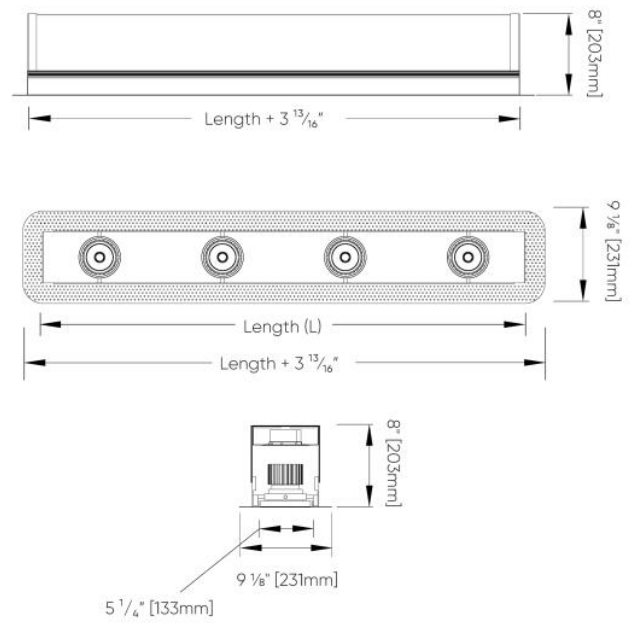
**CEILING**



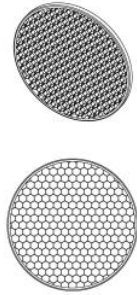
**RECESSED - BEZEL TRIM (TY)**



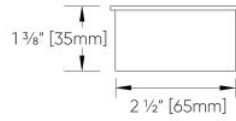
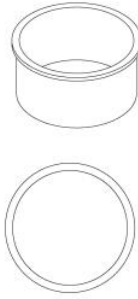
**RECESSED - NO TRIM (TN)**



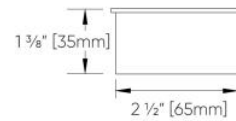
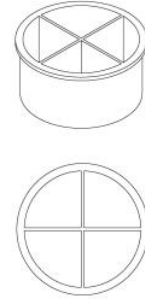
HEX LOUVER



SNOOT

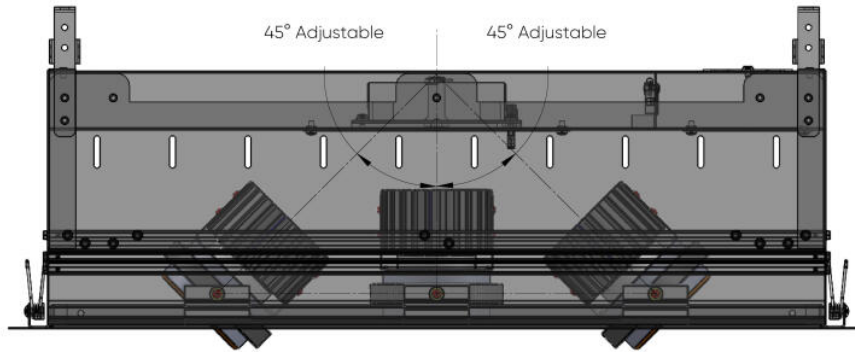


CROSS BAFFLE

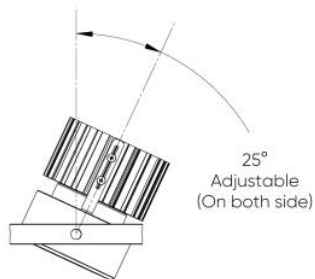


ADJUSTABILITY OF HEADS

Tilt on Large Axis



Tilt on Short Axis



ISO VIEW