



RAIL-LITE II™

FULL SPECIFICATION SHEET



FIXTURE TYPE



FIXTURE CODE

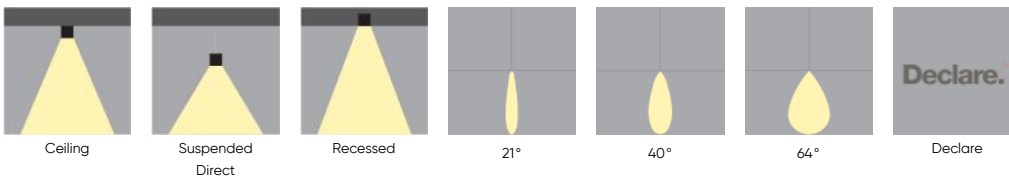


QUANTITIES

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)

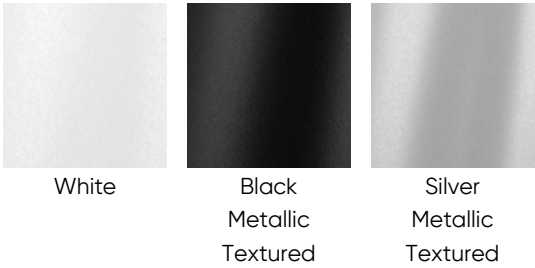
> 60,000 hrs.

SUSTAINABILITY

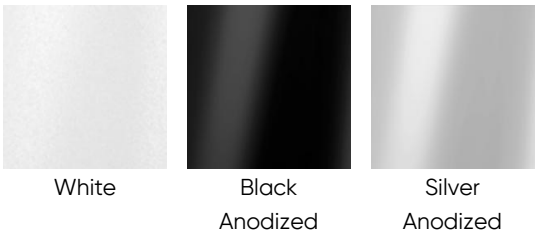
Designed for on-site LED board, driver, and optic replacement. Contact the factory for maintenance documentation.

5 DESIGN OPTIONS

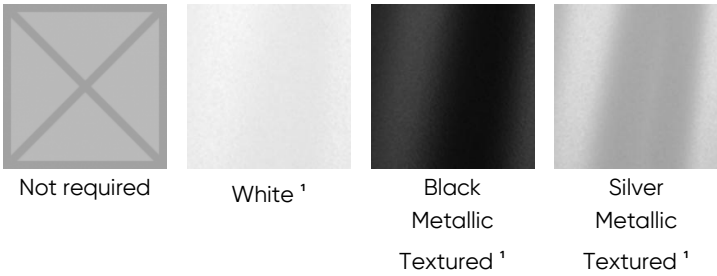
HOUSING FINISH



GIMBAL FINISH

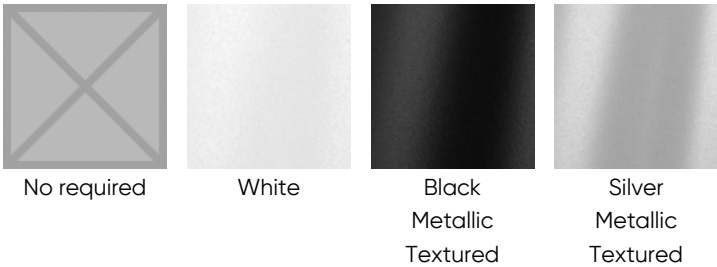


TRIM FINISH



¹ Only available with Recessed luminaire type.

CANOPY FINISH



6 HOW TO ORDER

| | | | |
|---|---|---|---|
| <p>LUMINAIRE TYPE</p> <p>RTTP Pendant RTTC Ceiling RTTR Recessed</p> | <p>SECTION LENGTH</p> <p>SL01 1ft SL02 2ft SL03 3ft SL04 4ft SL05 5ft SL06 6ft SL07 7ft</p> | <p>NUMBER OF HEADS</p> <p>NH01 1¹ NH02 2² NH03 3³ NH04 4⁴ NH05 5⁵ NH06 6⁶ NH07 7⁷</p> <p>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 T 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'.</p> | |
| <p>CRI</p> <p>CR80 CRI 80+ CR90 CRI 90+</p> | <p>CCT</p> <p>CTA27 2700K CTA30 3000K CTA35 3500K CTA40 4000K</p> | <p>BEAM ANGLE</p> <p>RL21 21° (Narrow) RL40 40° (Medium) RL64 64° (Wide)</p> | <p>HOUSING FINISH</p> <p>FA01 White FA02 Black Metallic Textured FA20 Silver Metallic Textured</p> |
| <p>GIMBAL FINISH</p> <p>FB01 White FB24 Black Anodized FB58 Silver Anodized</p> | <p>TRIM FINISH</p> <p>FC00 Not required FC01 White¹ FC02 Black Metallic Textured¹ FC20 Silver Metallic Textured¹</p> <p>¹ Only available with Recessed luminaire type.</p> | <p>CANOPY FINISH</p> <p>CF00 No required CF01 White CF02 Black Metallic Textured CF20 Silver Metallic Textured</p> | <p>VOLTAGE</p> <p>V1 120/277V V2 240V¹ V3 347V² V4 Low Voltage³</p> <p>¹ Not available in North America. ² Only available with DA01 dimming. ³ Only available with DA45 dimming.</p> |
| <p>DIMMING</p> <p>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/switchDim² DA45 PoE³</p> <p>¹ Not available with V3. ² Not available in North America. ³ Only available with V4.</p> | <p>GIMBAL OPTIONS</p> <p>NT0 Not required NT1 Snoot - Black NT2 Hex Cell Louver - Black NT3 Cross Baffle - Black</p> | | |

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 |

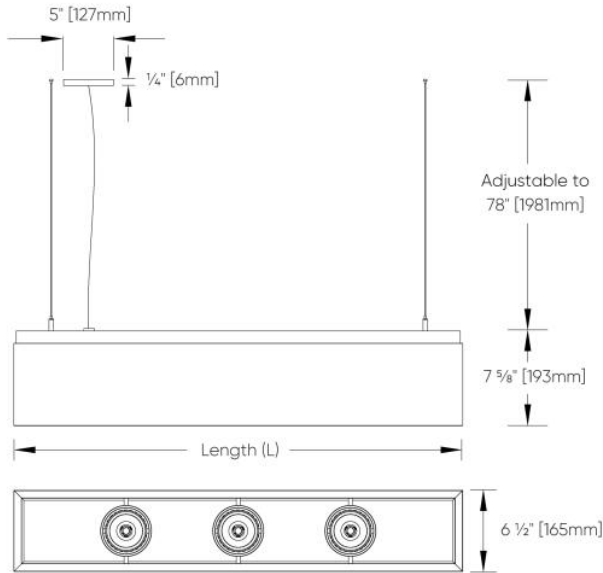
| CR80 CTA30-RL64 | | | | CR80 CTA30-RL40 | | | |
|-----------------|--------|-------|-----|-----------------|--------|-------|-----|
| | Lumens | Watts | LPW | | Lumens | Watts | LPW |
| RL64-NT0 | 2961 | 28 | 106 | RL40-NT0 | 3000 | 28 | 107 |
| RL64-NT1 | 2034 | 28 | 73 | RL40-NT1 | 1644 | 28 | 59 |
| 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 |

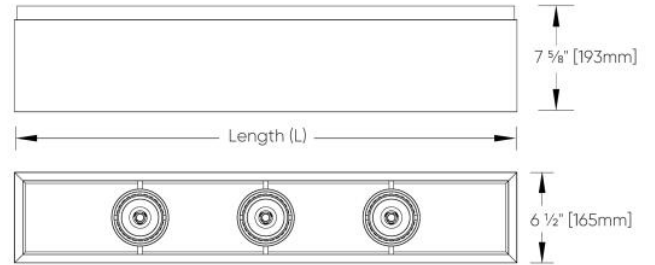
| CR80 CTA27-RL40 | | | | CR80 CTA27-RL21 | | | |
|-----------------|--------|-------|-----|-----------------|--------|-------|-----|
| | Lumens | Watts | LPW | | Lumens | Watts | LPW |
| RL40-NT0 | 2887 | 28 | 103 | RL21-NT0 | 2913 | 28 | 104 |
| RL40-NT1 | 1584 | 28 | 57 | RL21-NT1 | 1836 | 28 | 66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

8 DIMENSIONAL DIAGRAMS

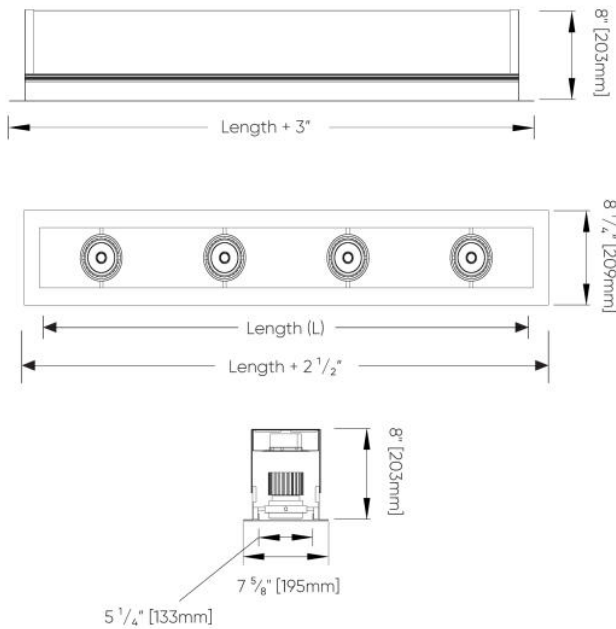
SUSPENDED



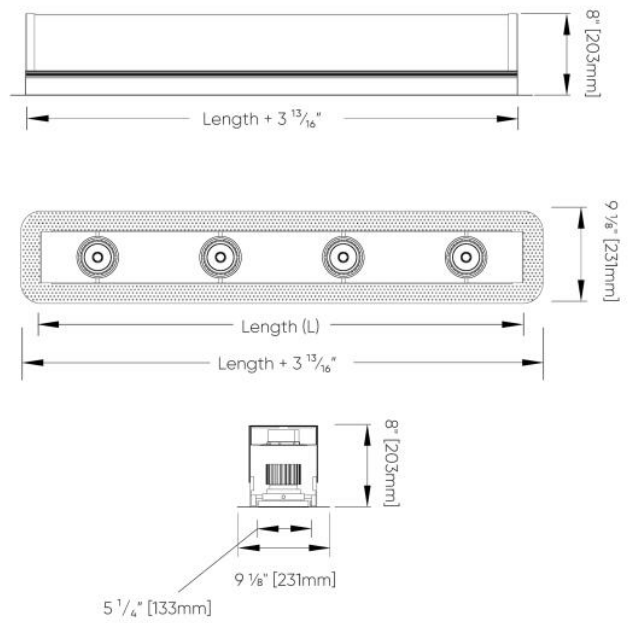
CEILING



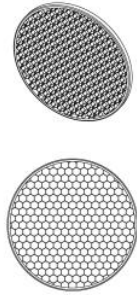
RECESSED - BEZEL TRIM (TY)



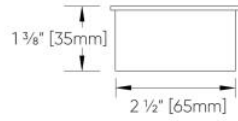
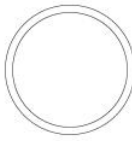
RECESSED - NO TRIM (TN)



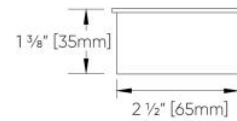
HEX LOUVER



SNOOT

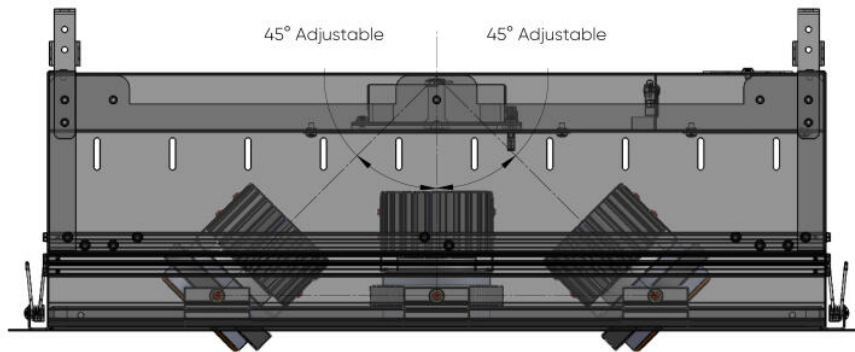


CROSS BAFFLE

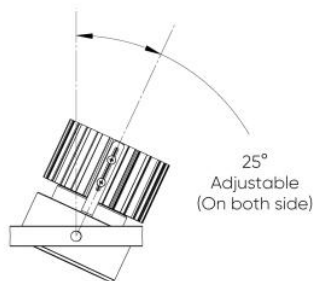


ADJUSTABILITY OF HEADS

Tilt on Large Axis



Tilt on Short Axis



ISO VIEW