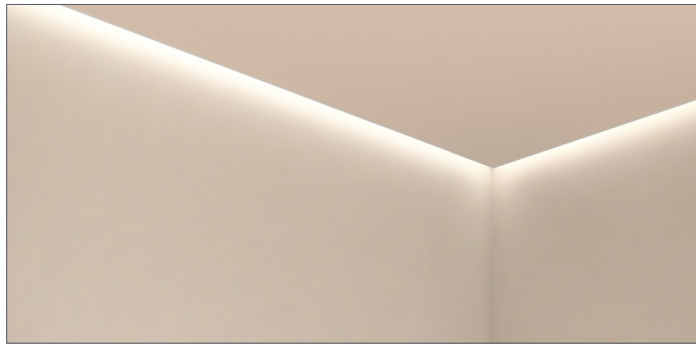


RAIL 4 RP4D TELESCOPIC

RECESSED PERIMETER . DIRECT



- Optimized light control and lumen output with precision **Luma Optics™** available in batwing, asymmetric, and wall graze distributions
- Architectural perimeter application
- Available in both flush and 3" regressed
- Continuous runs and 90 degree corners available
- Each specified run includes a telescopic section that adds up to 12 inches

5 YEAR
WARRANTY

UL LISTED
E360888

IC or Non-IC
Rated

CCEA APPROVED
CHICAGO
PLENUM

DAMP
LUMA
OPTICS

PART #:	
PREP BY:	DATE:
PROJECT:	QTY:
NOTES:	
APPROVAL SIGNATURE:	DATE (DD/MM/YYYY):

PERFORMANCE SUMMARY
@ 3500K

PERFORMANCE SUMMARY @ 3500K		Meta Blanc	Luma Asymmetric		Luma Graze	
			Towards Wall	Away from Wall	Towards Wall	Away from Wall
		Light Level L3				
		Lumens per foot	80 CRI	596	557	526
90 CRI	522		487	460	474	473
Wattage per foot		6.1	5.8	5.8	5.8	5.8
Efficacy (lm/W)	80 CRI	99	97	91	94	94
	90 CRI	86	84	79	82	82
L70 Estimate (h)		≥ 60,000 hrs				

See page 2 for the complete Light Level Performance chart.

Part number examples
for an 8 ft section
with and without a
Telescopic section

RP4D-1L35K-8-MB-W-L31-D-1-D

7 ft (fixed)

Telescopic
← 1 ft max. →

RP4D-1L35K-8-MB-W-L31-D-1-D-SL

8 ft (fixed)

ORDERING LOGIC

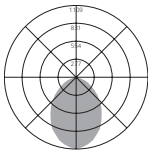
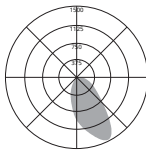
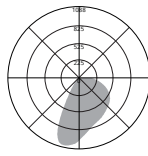
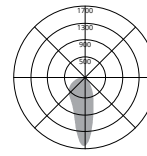
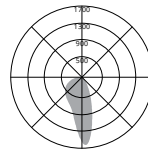
RP4D										
1	2	3	4	5	6	7	8	9	10	11
1. SERIES RP4D	2. COLOR TEMP 1L30K 3000K 1L35K 3500K 1L40K 4000K	3. LENGTH** XX Total Length (in ft) Minimum length of 2 ft. _ None (leave space empty)	4. PATTERN¹ GA Square GAxB Rectangle UAxBxC U-Shape LAxB L-Shape C Custom Pattern* _ None (leave space empty)	5. OPTICS MB Meta Blanc LG Luma Graze LA Luma Asymmetric	6. FINISH W White C Custom Finish Specify RAL:	7. LIGHT LEVEL / DRIVER L1 Select Driver below. L2 See Light Level Performance chart on p2. L3 L4 LX Enter desired lm/ft:				
	90 CRI is available under OPTIONS	Each specified run includes a telescopic section.	Standard Patterns - drawing of pattern configuration is required on page 3. <div><div><p>Square A = 5 ft min. B = 5 ft min.</p></div><div><p>Rectangle A = 5 ft min. B = 5 ft min.</p></div><div><p>U-Shape A = 4 ft min. B = 5 ft min. C = 4 ft min.</p></div><div><p>L-Shape A = 4 ft min. B = 4 ft min.</p></div></div> <div>Select corner: <p>Outside 90° Inside 90°</p></div>	For Luma Graze or Asymmetric, select throw direction: <div><input type="checkbox"/> Towards wall <input type="checkbox"/> Away from wall</div> MB: Opal diffuse lens LG, LA: Optical control lens						
8. CIRCUITRY 1 1 Circuit EM Emergency / Night Light* B Emergency Battery Pack*		9. MOUNTING T Recessed T-Bar Flush T3 Recessed T-Bar Regressed 3" D Recessed Drywall Flange Flush D3 Recessed Drywall Flange Regressed 3" K Drywall Spackle Flange K3 Drywall Spackle Flange Regressed 3"		10. VOLTAGE 1 120 V 2 277 V 3 347 V 4 UNV (120 - 277V)		11. OPTIONS 90 90 CRI, High R9 P Plenum SL Standard Lengths Only (No Telescopic Sections) _ None (leave space empty)				

*Consult factory. | **Certain lengths may include up to 2 telescopic sections. | ¹ Pattern record drawings will be sent out upon order.

Select Driver: ☐ **FD** Factory option 0-10V, 1% Dimming
☐ **LHE** Lutron H-Series Hi-Lume 1% EcoSystem LED Driver
☐ **LSE** Lutron 5-Series EcoSystem LED Driver

LIGHT LEVEL PERFORMANCE & PHOTOMETRIC DATA

3500K, 80 CRI, 0-10V Dimming (Standard)

		Meta Blanc (MB)			Luma Asymmetric (LA)						Luma Graze (LG)					
					Towards Wall			Away From Wall			Towards Wall			Away From Wall		
Light Level		Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)	Lumens per foot	Wattage per foot	Efficacy (LPW)
L1		350	3.5	100	333	3.3	101	314	3.3	95	324	3.3	98	324	3.3	97
L2		439	4.4	99	415	4.3	98	392	4.3	92	403	4.3	94	402	4.3	95
L3		596	6.1	99	557	5.8	97	526	5.8	91	542	5.8	94	541	5.8	94
L4		1106	12.5	89	1026	11.8	87	967	11.8	82	994	11.8	84	994	11.8	84
Light Level L3	IES File	RP4D-1L35K-4-MB-L3			RP4D-1L35K-4-LA-L3-TOWARDS			RP4D-1L35K-4-LA-L3-AWAY			RP4D-35K-4-LG-L3-TOWARDS			RP4D-35K-4-LG-L3-AWAY		
	Distribution % (Down / Up)	100 / 0			100 / 0			100 / 0			100 / 0			100 / 0		
	Zonal Lumens (0-90 / 90-180)	2385 / 0			2230 / 0			2105 / 0			2230 / 0			2105 / 0		
	Distribution Curve															
Metalumen's light level performance metrics are subject to manufacturers component tolerances.																

Lumen Adjustment Factor (Standard)

Color Temp	80 CRI	90 CRI
3000K	0.984	0.880
3500K	1.000	0.875
4000K	1.032	0.879

TELESCOPIC SECTION LENGTHS

← 2 ft → X 12" →

TL2+1  TELESCOPIC

Min 2ft nom. Max 3ft nom. Telescopic section can be adjusted from 0 to 12". Only one end can be extended.

← 3 ft → X 12" →

TL3+1  TELESCOPIC

Min 3ft nom. Max 4ft nom. Telescopic section can be adjusted from 0 to 12". Only one end can be extended.

← 4 ft → X 12" →

TL4+1  TELESCOPIC

Min 4ft nom. Max 5ft nom. Telescopic section can be adjusted from 0 to 12". Only one end can be extended.

STANDARD SECTION LENGTHS

Standard 2', 3', 4', 5', 8', 10', 12' and inside/outside corners can be combined to make continuous rows or patterns.

← 2 ft →

2 ft 

← 3 ft →

3 ft 

← 4 ft →

4 ft 

← 5 ft →

5 ft 

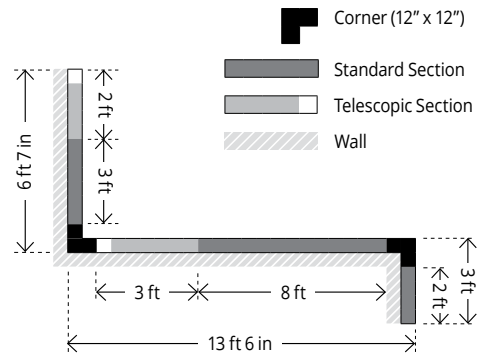
← 8 ft →

8 ft 

← 12 ft →

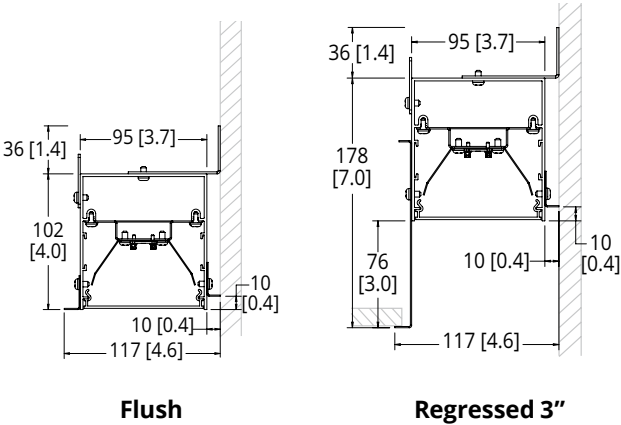
12 ft 

The diagram shows a rectangular room with a total width of 14 ft 9 in and a total height of 10 ft 1 in. The room is divided into sections by a horizontal line at 8 ft from the top and a vertical line at 4 ft from the right. The top section is 8 ft wide and 4 ft high. The bottom section is 4 ft wide and 4 ft high. The left wall is 9 ft 11 in high, and the right wall is 10 ft 1 in high. The room is divided into four quadrants by a horizontal line at 8 ft from the top and a vertical line at 4 ft from the right. The top-left quadrant is 8 ft wide and 4 ft high. The top-right quadrant is 4 ft wide and 4 ft high. The bottom-left quadrant is 4 ft wide and 4 ft high. The bottom-right quadrant is 4 ft wide and 4 ft high. The room is divided into four quadrants by a horizontal line at 8 ft from the top and a vertical line at 4 ft from the right. The top-left quadrant is 8 ft wide and 4 ft high. The top-right quadrant is 4 ft wide and 4 ft high. The bottom-left quadrant is 4 ft wide and 4 ft high. The bottom-right quadrant is 4 ft wide and 4 ft high.



This image shows a full page of blank graph paper. The grid consists of thin, light gray horizontal and vertical lines that intersect to form a uniform pattern of small squares across the entire surface. There are no margins, text, or other markings present.

CROSS SECTIONS



- CONTRACTOR NOTES:
- Wall must be finished at least 6" above the ceiling height before flush fixture is mounted.
 - Finish the ceiling by mudding over the metal RP4D flange.

WARRANTY

Metalumen will warrant defective luminaires for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specification. If defective, Metalumen will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Metalumen.

SPECIFICATIONS

Due to the Continuous Improvement Policy at Metalumen, we reserve the right to change our specifications without notice.

- Housing:** Rigid extruded aluminum body, 2.0mm (0.08") nominal wall thickness. 95mm (3.7") wide x 102mm (4.0") high, not including height of Fascia (add up to 4"). Steel reflectors and aluminum end caps. Telescopic portions can be quickly and easily cut to length in the field.
- Optical System:** Metalumen luminaires are designed to utilize leading edge LED technology combined with luminaire optimized reflectors and our custom diffusers, resulting in industry leading optical performance.
- CRI:** Minimum 80 CRI. 90 CRI is available as an option for superior colour rendering capability.
- Lumen Maintenance:** Minimum 50,000h with TM-21 lumen maintenance of 85% @ 24°C ambient temperature (calculated based on IESNA LM-80-08 LED test data). L70: ≥ 60,000hrs.
- Finish:** Standard white finish. For custom finish, contact factory.
- Weight:** See RP4D Weights chart below.
- Mounting:** Suitable for 9/16" and 15/16" T-Bar.
- Electrical:** Fixtures are all factory pre-wired for easy connection and installation. Integral driver configuration is factory pre-wired and includes wire quick connectors.
- Drivers:** Metalumen offers 0-10V dimming* as a standard on our entire LED product offering. Dimming range is 1%-100%. Power factor is > 90%. Class 2 rating. Drivers are integral. Consult factory for -40 drivers.
- Approvals:** This product is cULus listed. Plenum - CCEA approved.
- Environment:** Suitable for dry locations.
- *Standard drivers compatible with passive/ sinking dimmers. Please contact Metalumen if active/sourcing dimmer support is required.*

RP4D WEIGHTS for 4' ALONE SECTIONS	Meta Blanc (Symmetric), Luma Optics	
	Flush	5.30 kg [11.7 lbs]
	3" Regressed	6.55 kg [14.4 lbs]

WIRING

Standard Wiring	Emergency Wiring	Emergency Battery Pack Wiring
<p>BLACK - LINE WHITE - NEUTRAL BARE - GROUND VIOLET - DIM(+) PINK - DIM(-)</p>	<p>BLACK - LINE WHITE - NEUTRAL BARE - GROUND</p>	<p>BLACK - LINE WHITE - NEUTRAL BARE - GROUND RED - UNSWITCHED HOT</p>