Light Measurement Results

Laboratory and Equipment

Test lab	n/a
Spectrometer Manufacturer and Model	n/a, n/a – n/a
Measurement date	1/20/2026

Measurement Conditions

Tested c-planes	24
Tested gamma angles	37 – 5.00°
Input Power	17.73 W

Tested Light Source

Luminaire	48V CLICK Track System LED Liner M White 17W CCT
Basic Luminous Shape	PANEL
Item No.	
Manufacturer	RIM-40038-273340

Main Light Measurement Results

Output – Total Lumen (Up% / Down%)	642.1 lm – 0.0019% / 100%
Efficiency	36.21 lm/W
Peak Intensity	221.4 cd
Correlated Color Temperature, CCT	2955 K
Color Rendering Index	CRI 92.9

Polar light distribution diagram

Light Measurement Results

Beam details

Luminaire budgetary diagram

LAMPS (number of lamps)

Light Measurement Results

Iso-intensity Diagram (Iso-candela)

90 %	199.2 cd
80 %	177.0 cd
70 %	154.9 cd
60 %	132.8 cd
50 %	110.7 cd
40 %	88.5 cd
30 %	66.4 cd
20 %	44.3 cd
10 %	22.1 cd

Peak intensity: 221.3 cd
Number of c-planes: 24

Iso-illuminance Diagram (Iso-lux)

50.0 %	12.3 lx
30.0 %	7.37 lx
10.0 %	2.46 lx
5.0 %	1.23 lx
3.0 %	0.737 lx

Peak illuminance: 24.6 lx
Mounting height: 3 m
Number of c-planes: 24

Light Measurement Results

Linear intensity distribution diagram

IESNA TM-15-07 Luminaire Classification System For Outdoor Luminaires

BUG rating B0 U0 G0

Forward Light		
Low (0-30°)	85.5 lm	13.3%
Medium (30-60°)	161.6 lm	25.2%
High (60-80°)	65.5 lm	10.2%
Very High (80-90°)	8.5 lm	1.3%

Back Light		
Low (0-30°)	85.5 lm	13.3%
Medium (30-60°)	161.6 lm	25.2%
High (60-80°)	65.5 lm	10.2%
Very High (80-90°)	8.5 lm	1.3%

Uplight		
Low (90-100°)	0.0 lm	0.00%
High (100-180°)	0.0 lm	0.0%

Total		
Sum	642.1 lm	100,0%