

Project

Catalog Number

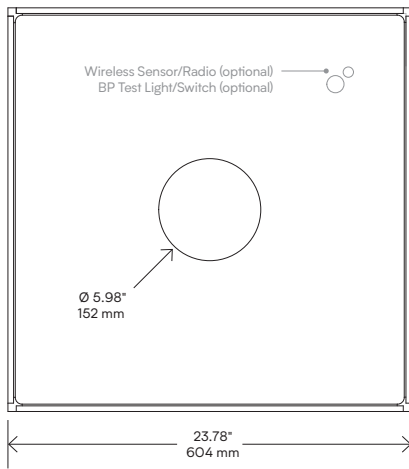
Type

- Simple architectural, geometric floating round form with no visible orientation
- Maximized luminous area and minimized glare with no view of the LEDs
- Soft, visually comfortable experience complies with UGR/WELL standards
- Shallow recessed indirect lighting solution with offset driver to avoid plenum obstacles
- Leading energy performance and excellent color accuracy
- High efficacy up to 111 lm/W

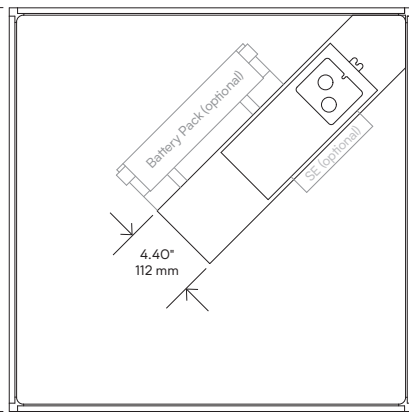


Dimensions

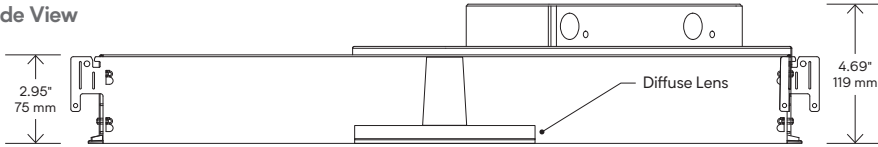
Room View



Plenum View

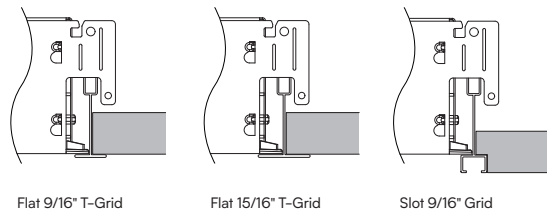


Side View



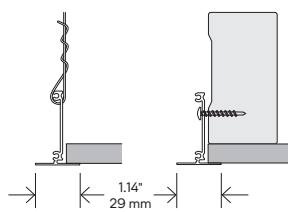
Mounting

Universal Grid (G)

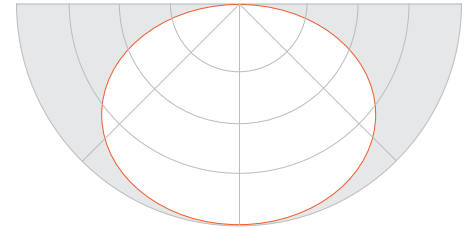


Drywall (D)

Cutout Dimensions  
24.5" x 24.5" (622 x 622 mm)



Performance



Color Accuracy	Lumen Maintenance (h)	
SDCM < 3 R9 > 60	L90 TM21 < 60,000	L70 Estimate < 200,000

	Energy	A 12	B 24	C 36	D 48 (W)
<b>80 CRI</b>	<b>Light</b>	2500	3250	4000	4750 (lm)
	<b>Efficacy</b>	112	111	108	103 (lm/W)
<b>90 CRI</b>	<b>Light</b>	2500	3250	4000	4750 (lm)
	<b>Efficacy</b>	112	111	108	103 (lm/W)

Application	Along (0°)	Across (90°)
UGR*	16	16
Spacing Criteria	1.2	1.2

Project

Type

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PTF													
1	2	3	4	5	6	7	8	9	10	11	12		

Family		Style		Mounting			
1. Product		2. Shape		3. Form		4. Ceiling Type	
PTF Pointform		22 2x2		R Round		D Drywall (Flange Kit) G Grid (Universal)	

Light			Electrical				
5. Output			6. CRI + CCT		7. Driver		8. Voltage
A	2500 lm	22.4 W	112 lm/W	8030	80 CRI + 3000 K	eldoLED 0-10 V dimming	M 120 V - 277 V Universal Multi-Volt
B	3250 lm	30.3 W	111 lm/W	8035	80 CRI + 3500 K		
C	4000 lm	39.1 W	108 lm/W	8040	80 CRI + 4000 K		
D	4750 lm	46.3 W	103 lm/W				
				9030	90 CRI + 3000 K	E1 ≤ 1% (ECO/OPTO) E2 ≤ 0.1% (SOLO)	
				9035	90 CRI + 3500 K		
				9040	90 CRI + 4000 K		
All lumen values are nominal @ 9040 W/ E1 ≤ 1%			For other driver and protocol options, consult factory				

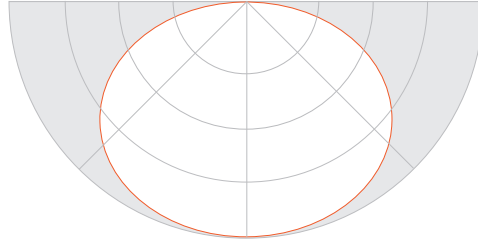
Optional				
9. Battery	10. Wireless Controls		11. Chicago Plenum	12. Flex Whip
BZ None B1 IOTA BP	WZ None		CZ None CP Chicago Plenum (CCEA)	FZ None F6 6 ft AC Flex Whip (5-Wire)
	Acuity nLight Air (Rio)	Lutron Athena		
	NR Send / Recv Radio Only	AR Send / Recv Radio Only		
	NS Radio + OCC/Light Sensor	AS Radio + OCC/Light Sensor		
	Legrand Encellium			
	ER Send / Recv Radio Only			
	ES Radio + OCC/Light Sensor			
For additional details on EM Batt, refer to Specifications section on last page.				

Performance

Pointform 2x2  
Round (R)  
3250 lumens (B)  
90 CRI + 3500 K

PTFM-22-R-G-B-9035-E1-M

Delivered Lumens	3250lm
System Watts	30.3W
Efficacy	111 LPW
CRI	90+
SC	1.1

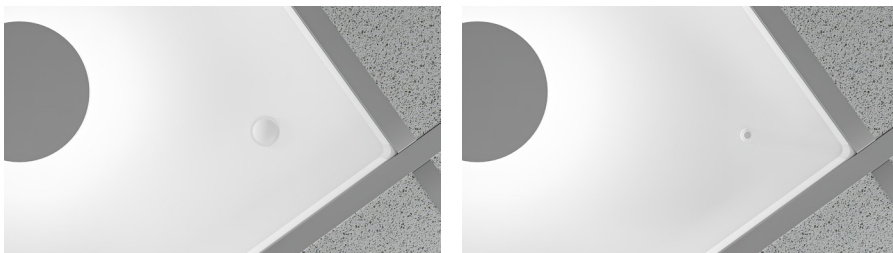


CCT	Direct (lm)	Energy (W)	Efficacy (lm/W)	Intensity (cd) max 45-90°	Luminance (cd/m2) max 45-90°	UGR* Endwise	UGR* Crosswise
3000 K	2500	22.4	103	566.4	4647	21.9	21.9
	3250	30.3	99	746	5045	22.7	22.7
	4000	39.1	95	920.5	6201	23.4	23.4
	4750	46.3	95	1097.3	7454	24	24
3500 K	2500	22.4	104	570	4674	21.9	21.9
	3250	30.3	100	750.6	5079	22.7	22.7
	4000	39.1	95	926.3	6238	23.4	23.4
	4750	46.3	96	1104.2	7501	24	24
4000 K	2500	22.4	112	590	4838	22	22
	3250	30.3	111	777	5256	22.8	22.8
	4000	39.1	108	958.9	6459	23.5	23.5
	4750	46.3	103	1143.1	7766	24.1	24.1

Based on 90 CRI

UGR VALUES: Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4H x 8H x 1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010. UGR values calculated with this method are considered "Luminaire-UGR" and/or "Point-UGR" values and are for reference only. UGR values vary based on specific luminaire options and are significantly affected by application dependent parameters. To determine a more precise maximum UGR value ("Application-UGR"), a comprehensive lighting design should be completed with the selected luminaire using its specific photometric file. Current photometric files in .IES format can be downloaded at [www.mindsetlighting.com](http://www.mindsetlighting.com)

Sensors



Integrated, Simply.

Pointform is controls system agnostic with on board LLLC controls sensor modules designed to fit seamlessly and discretely within the housing.



LED Life

Lumen Maintenance (h)

L90 TM21 < 60,000	L70 Estimate < 102,000
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Color Accuracy

CRI	Color	3000 K	3500 K	4000 K
80	CRI	85	84	83
	R9	18	15	11
	SCDM	< 3		
90	CRI	96	94	94
	R9	63	62	62
	SCDM	< 3		

Independent Testing\*

IESNA LM79 | IESNA LM80 (LED@10,000 h)

CCT + CRI Scaling

CCT (K)	80 CRI	90 CRI
3000	0.96	0.96
3500	0.96	0.96
4000	1.0	1.0

Battery Output

CCT (K)	80 CRI	90 CRI
3000	800 lm	750 lm
3500	900 lm	800 lm
4000	1100 lm	1000 lm

For additional details on EM Batt, refer to Specifications section on last page.

## Specifications

### Construction

- Formed 22 gauge steel housing
- Cast aluminum optical elements
- High reflectance diffuse white textured powdercoat
- Universal integral T-bar tabs with seismic restraint tie-offs
- Quick wire access plate
- Optional five conductor armored cable 6' flex whip
- Optional drywall trim flange kit
- Optional integrated wireless radios/sensors

### Finish

- Powdercoated in white

### Optical

- Clear and diffuse precision injection molded acrylic lenses
- High efficacy LED system TM21 lumen maintenance  $\geq$  L90 @ 60,000h
- Available in CCT 3000 K, 3500 K, 4000 K at 80 CRI, R9  $\geq$  60 or 90 CRI, R9  $\geq$  50 with  $\leq$  3 SDCM Color Accuracy
- High reflective optics

### Electrical

- Long-life: greater than 102,000 (L70) hours minimizing maintenance frequency at operating temperatures up to 85°C LEDs, coupled with high-efficiency drivers, provide superior quality of illumination and extended life

### Emergency

- Optional battery pack delivers 10W Class 2 rated supply for 90 mins. To estimate input emergency flux use 12W input energy, typical 1000lm - 1500lm (@100 - 150 lm/W)

### Color Consistency

- Mindset lighting Inc. brand LED light engine for the LED component uses a precise binning algorithm which creates a consistent color temperature in the array. The color is a variation of no greater than a 3.0 Step MacAdam (3.0 SDCM) along the black body locus from board to board

### Driver

- Linear drivers provide natural dimming with smooth, continuous and flicker-free dimming. Operates between 120 VAC and 277 VAC, with low inrush current (NEMA 410) and THD < 20%. Meets FCC Title 47 C.F.R. 15
- Class A or Class B requirements
- Mindset lighting Inc. luminaires incorporating this driver performs within the recommended operating areas for flicker as a function of frequency and modulation (%) outlined in IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels

### Approvals

- Conforms to UL 1598 (USA)
- Conforms to CSA C22.2 No. 250.0:21 (Canada)
- IC Rated
- CCEA Chicago Plenum
- Declare: Third Party Verified, Red List Approved
- Title 24 / JA8 Certified
- Independent Testing
- IESNA LM79
- IESNA LM80 (LED @ 10,000 h)

### Environment + Care

- Suitable for damp location with ambient temperatures of 32-86°F (0-30°C). Damage from contaminants is not covered under warranty. Chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the environment of operation of the product(s) and/or during cleaning the product(s)

### Weight

- 2'x2' STD: 16 lbs (7.0 kg)
- 2'x2' w/BP & Sens: 21 lbs (9.5 kg)

### Warranty

5 year limited warranty on all components and workmanship. For complete warranty terms, refer to [www.mindsetlighting.com/termsandconditions](http://www.mindsetlighting.com/termsandconditions)

**Note:** Actual performance may differ as a result of the end-user environment and application. All values are design or typical values, measured under laboratory conditions at 23 °C

Specifications subject to change without notice

# Declare.

## Pointform Low Profile Recessed (2' W x 2' L)

### Mindset Lighting

**Final Assembly:** Vancouver, British Columbia, Canada  
**Life Expectancy:** 10+ Year(s)  
**End of Life Options:** Salvageable/Reusable in its Entirety, Recyclable (93%), Landfill (7%)

#### Ingredients:

**Exterior Housing:** Steel 1018; **Wire Management:** Steel 1018; **Powder Coating, White:** 1,3,5-Triglycidyl-s-triazinetriene; Titanium dioxide; Aluminum hydroxide; **Small Electrical Component:** Small Electrical Component, Driver<sup>1</sup>; **Die Cast Fasteners:** Aluminum 6063; **Star Washer:** Iron; Zinc; Silicon; **Optic Reflector:** Polypropylene; **Reflectors:** Carbonic acid, polymer with 4,4'-(1-methylethylidene)bis[phenol]; **Corner Post:** Carbonic acid, polymer with 4,4'-(1-methylethylidene)bis[phenol]; **Fasteners:** Stainless Steel 304

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components

**Living Building Challenge Criteria:** Compliant

#### I-13 Red List:

- LBC Red List Free % Disclosed: 100% at 100ppm
- LBC Red List Approved VOC Content: Not Applicable
- Declared

**I-10 Interior Performance:** Not Applicable

**I-14 Responsible Sourcing:** Not Applicable

MSL-0002  
 EXP. 01 MAR 2026  
 Original Issue Date: 2025



MANUFACTURER CLAIMS VERIFIED BY A GREENER SPACE INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](http://living-future.org/declare)