P4000 Sky | Pendant & Surface Patterns

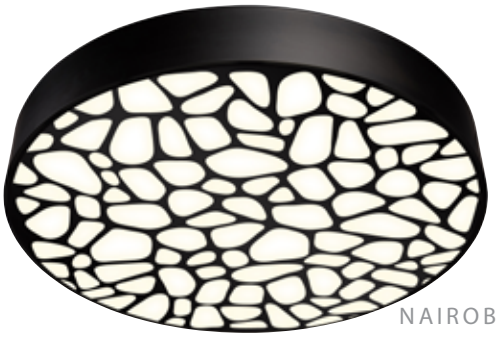
PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

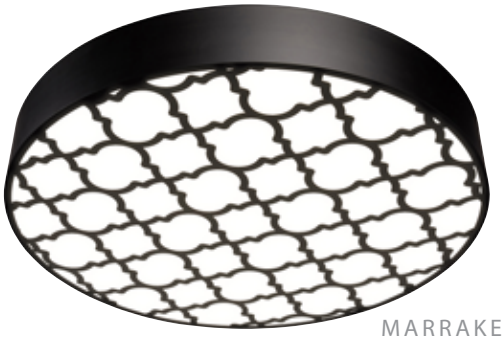
Type:

Job:

MADRID



NAIROBI

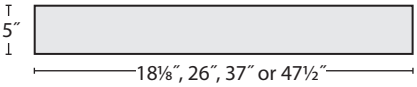


MARRAKESH

Signature designs for a distinctive look

— 3 standard patterns available in P4000 Sky Rounds & Quads

Declare. Made in the USA



SERIES	LED COLOR	OUTPUT	SHIELDING	PATTERN	COLOR/ FINISH	DISTRIBUTION	CIRCUITING	VOLTAGE	MOUNTING	CEILING SYSTEMS	DRIVERS	OPTIONS
			FWA									
P4018 18″ Dia. (MPCA only, 11 lbs) P4020 2′ Dia. (22 lbs) P4030 3′ Dia. (35 lbs) P4040 4′ Dia. (50 lbs)	LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3-90 90CRI LED35-90 90CRI LED4-90 90CRI	LO Low MO Medium SO Standard HO High PROG Programmable Light Output (Specify desired lm or w/ fixture) **NOTES:** Specify separate output Down / Up if desired eg. LO/HO (Low Down, High Up) Consult factory for uplight lumen output	FWA Flat White Acrylic Lens (Standard)	MDR Madrid MRK Marrakesh NRB Nairobi	TMW Textured Matte White (Standard) YGW Gloss White Y__ Premium Color CC Custom Color **NOTES:** Top plate is always Gloss White for optical performance. All canopies are painted the same color as the fixture unless specified otherwise.	D1 Direct D9 Semi-Direct (20-30% uplight, NA - Surface) To specify more or less Uplight, see Output. **NOTES:** NA - 18″, 2′ D9 DC LO 18″ minimum from fixture to ceiling recommended	SC Single Circuit DC Dual Circuit (Two feeds required, D9 only)	UNV (120-277) 347 (Emergency battery requires a Step Down transformer)	SUR Surface Mount CA48″, 96″ or 144″ Aircraft Cable (Adjustable) 3/4RPM48″, 96″ or 144″ Round Cast Aluminum Canopy (3RPM: Min from fixture to ceiling 18″: 6″, 2′: 6″ / 4RPM: 3′: 10″, 4′: 15″) 3/4SPM48″, 96″ or 144″ Square Cast Aluminum Canopy (3SPM: Min from fixture to ceiling 18″: 6″, 2′: 6″ / 4RPM: 3′: 10″, 4′: 15″) MPCA48″, 96″ or 144″ Monopoint Mounting (For 18″ & 2′: 9″ min. from fixt. to ceiling, for 3′: 18″ from fixt. to ceiling. NA P4040) SSC__ Top-Swivel Stem Mount for Hard Ceilings (Specify length in inches) **NOTE:** P4018 SUR or MPCA only	X1 T-Bar 15/16″ or 9/16″ Exposed (Standard) Consult factory for 9/16″ Tegular X3 Hard Ceiling X6 Slot Grid or Interlude	ND Non-Dimming DM01 0-10v, 1% Dimming (Standard) LDE1 Lutron Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) ECO 1% 0-10v, EldoLED (Logarithmic dimming std) ECDA 1% DALI, EldoLED (Logarithmic dimming std) SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std)	EMHE CA T20 Emergency Battery (18″- 2′: Remote only, 3′- 4′: 900 delivered lumens; CA Title 20 compliant) EML Emergency Battery (2′: 500 delivered lumens) IBC Insulated Braided Cord PRUBIN Meticulous Binning and Labeling Every LED Board Within a 2-Step MacAdams Ellipse

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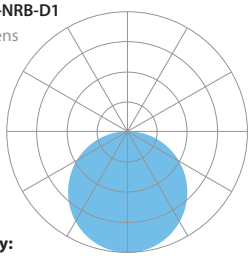
D1 — PHOTOMETRICS

P4030-LED35-SO-FWA-NRB-D1
6861 Delivered Lumens
110 Watts
63 lm/w
TEST
#103596064LAX-001



Zonal Lumen Summary:
0-90 = 100%

4543

Vertical Angle	0	25	45	65	90
0	2385	2385	2385	2385	2385
5	2375	2375	2373	2373	2374
15	2290	2287	2286	2288	2288
25	2124	2118	2120	2122	2122
35	1890	1875	1878	1881	1883
45	1589	1574	1578	1583	1585
55	1244	1227	1234	1240	1241
65	870	854	861	866	868
75	493	477	484	490	493
85	144	131	134	138	139
90	0	0	0	0	0

LUMEN OUTPUT:
Direct (D1)

		LO	MO	SO	HO
18″:	lm	950	1800	2000	2400
	w	19	33	39	47
2′:	lm	2000	2750	3750	5750
	w	35	54	67	97
3′:	lm	3750	5400	6850	10250
	w	55	85	110	175
4′:	lm	5300	6800	10250	16000
	w	88	110	174	281

LUMEN MAINTENANCE

Designed to last with cool running mid-power LEDs projected to maintain 90% (L90) of their initial output for 100,000 hours (at HO), and L70 exceeding 150,000 hours.

LED SYSTEM LED modules and drivers are field replaceable.

PROG (OPTIONAL) Programmable light output. Specify desired lumens or watts per fixture.

BINNING Standard binning (all Prudential LED boards) includes testing at the chip level and board integration to provide consistent color temperature within a 3-step MacAdams ellipse, with +/- 5% lumen output range and +/- .004 Duv.

PRUBIN™ (OPTIONAL) Prudential Ltg's exclusive 'job binning' method that ensures color temperature consistency across all luminaires on a project. Meticulously testing and labeling **EVERY LED BOARD** to +/- 25 lumens, +/- 50k CCT and +/- .004 Duv — while also separating positive from negative — allows us to match color, hue and intensity throughout a project and provides a consistent color temperature within a 2-step MacAdams ellipse

LABELS ETL damp labeled and I.B.E.W. manufactured.

ELECTRICAL Must specify LED dimming controls. LED fixtures have constant current driver(s) with less than 20% THD when loaded to a minimum of 60%. Drivers sink a maximum of 6mA per driver. DM01 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers. Max driver size 2.38″ w x 1.5″ h.

CONSTRUCTION

Housing Extruded aluminum, rolled and welded, >25% PC recycled, 100% recyclable

Lens Convex (subtle drop mitigates lamp image) or flat acrylic, 100% recyclable

MOUNTING Surface or suspended by straight aircraft cables, top-swivel stems

WARRANTY Single-source, 5 year limited warranty covers standard components and construction.

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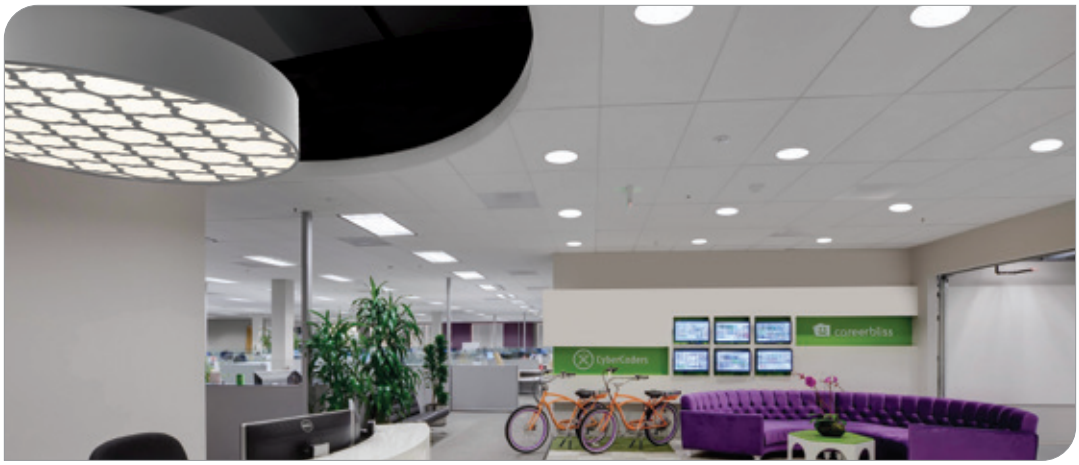
YSW – Seashell White (Matte)
YCH – Champagne (Metallic)
YSL – Silver (Metallic)
YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)
YSTM – Storm Grey (Matte)
YBK – Black (Matte)
YBB – Black (Semi Gloss)
YSKM – Sky (Matte)
YMB – Military Blue (Matte)
YIB – Interstate Blue (Matte)
YSAM – Sapphire (Matte)
YFGM – Forest Green (Matte)
YBR – Bronze (Matte)
YBY – Boysenberry (Matte)
YSRM – Sunset Red (Matte)
YOR – Orange (Matte)
YDAM – Daffodil (Matte)

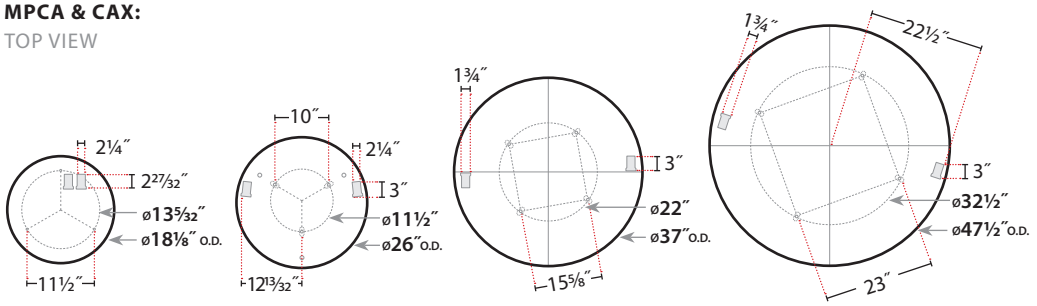
Choose from one of our Premium Colors with no set-up fee.

For paint chip samples, please email:
info@prulite.com



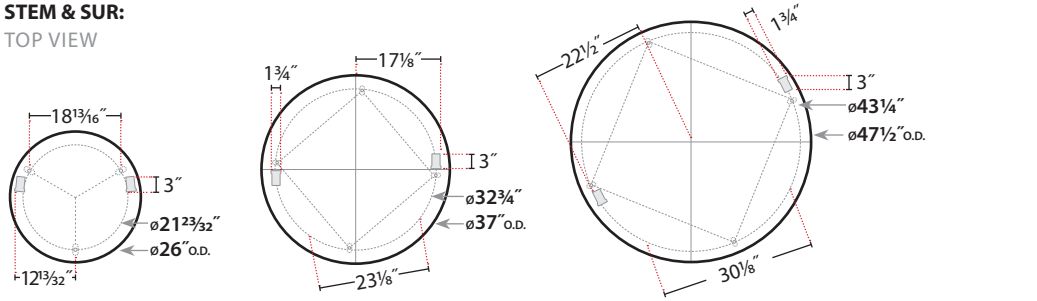
MOUNTING LOCATIONS

MPCA & CAX:
TOP VIEW



4018 (MPCA ONLY) | 4020 | 4030 | 4040

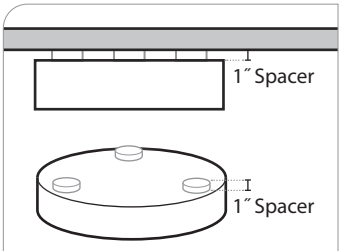
STEM & SUR:
TOP VIEW



4020 | 4030 | 4040

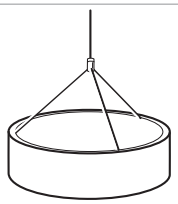
Access Plate

SURFACE STANDOFF

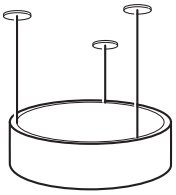


2′, 3′ or 4′ only

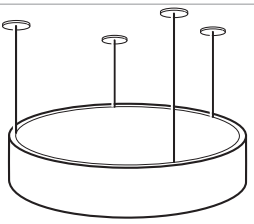
MOUNTING CABLES



MPCA: 18″ & 2′ - (1) 3-Way Cable
3′ & 4′ - (1) 4-Way Cable



CA:
2′ – (3) Straight cables (18″ X3 N/A)
3′, 4′ & 5′ – (4) Straight cables



SSC: 2′ – 3 Stems
3′, 4′ & 5′ – 4 Stems

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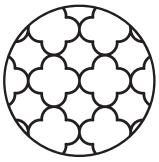
PATTERNS

MADRID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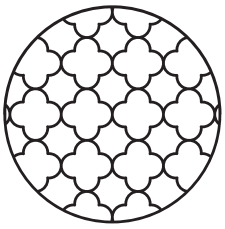
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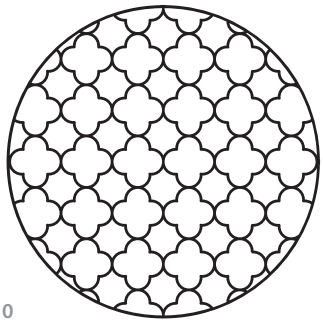
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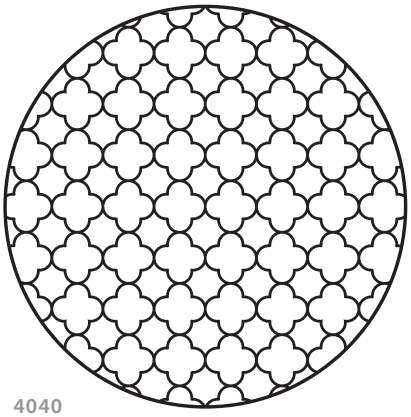
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MARRAKESH

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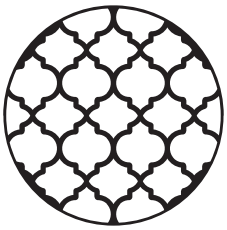
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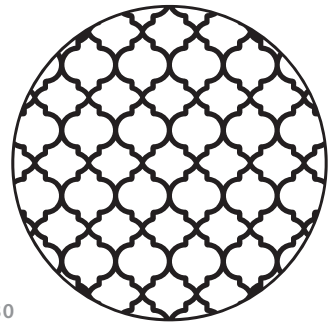
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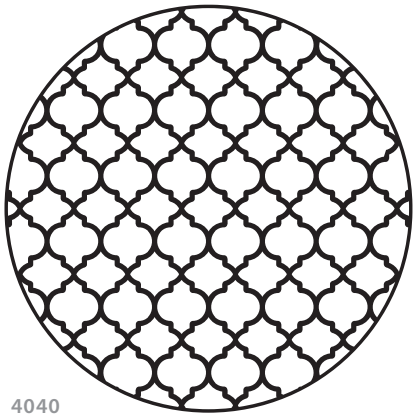
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NAIROBI

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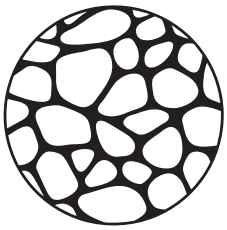
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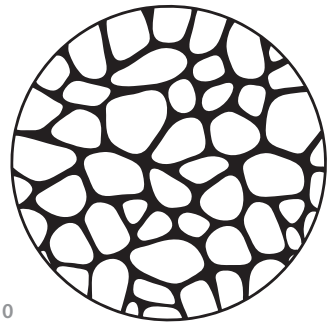
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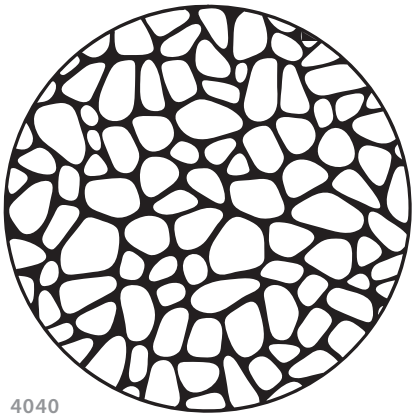
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