



Quad Frame | Pendant & Surface

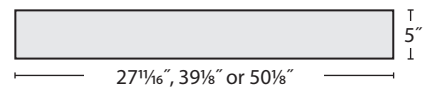
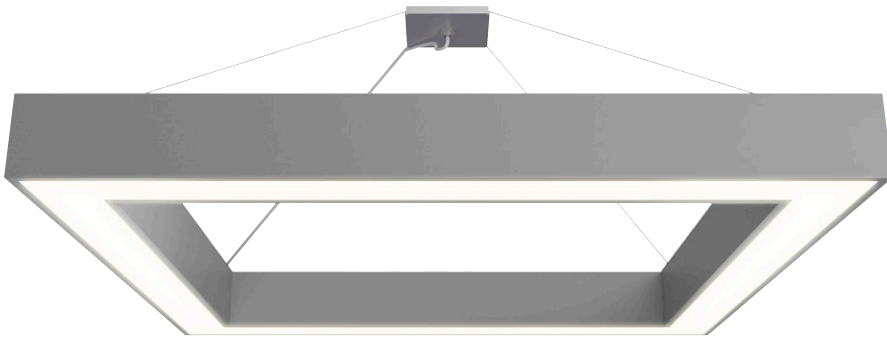


PRUDENTIAL LTG.

PRULITE.COM 213.746.0360

Type:

Job:



Prefabricated patterns.

Sleek and seamless Euro-styled body and lens with 5" height and sharp .5" trim detail. 4" aperture lens for O, C and Quad Frame. All with seamless and evenly lit flat white acrylic lenses and independent uplight.

QDF-33-LED35-SO-FWA-D1
6063 Delivered Lumens
102 Watts

LUMEN OUTPUT: Direct (D1)

		LO	MO	SO	HO
QDF-22:	Im	1950	2500	4100	5200
	w	30	40	68	88
QDF-33:	Im	2950	3750	6300	7800
	w	45	60	102	132
QDF-44:	Im	4000	5000	8300	10300
	w	61	80	136	176



CLICK HERE

Lumen output may vary +/- 5%
3500K used for lm/ft estimates above
4000K +2% If, 3000K -2%, 2700K -4%

See LED Details PDF for more info



SERIES	LED COLOR	OUTPUT	SHIELD-ING	COLOR/FINISH	DISTRI-BUTION	CIRCU-ITING	VOLT-AGE	MOUNTING	CEILING SYSTEMS	DRIVERS	OPTIONS
QDF-22 2' x 2' QDF-33 3' x 3' QDF-44 4' x 4' (60 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 Program- mable 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 QDF-22:: NA LO or MO Uplight unless Down- light is same output level	FWA Flat White Acrylic Lens	TMW Textured Matte White (Standard) YGW Gloss White Y___ Premium Color CC Custom Color NOTE: All canopies are painted the same color as the fix- ture. Consult factory to specify	D1 Direct Solid Top D9 Semi- Direct	SC Single Circuit DC Dual Circuit (Two feeds required, D9 only) To specify more or less Up- light, see Output.	UNV (120-277) 347 (Emergen- cy battery requires a Step Down trans- former)	SUR Surface Mount (1" Standoff from ceiling) MPCA48", 96" or 144" Monopoint Mounting (Adj- 36" min from fixture to ceiling) NOTE: Fixture may spin with air movement CA48", 96" or 144" Aircraft Cable (Adjustable) SSC___ Top-Swivel Stem Mount (Specify length)	X1 T-Bar 1 5/16" or 3/16" Exposed (Standard) Consult fac- tory for 3/8" Tegular X3 Hard Ceiling X6 Slot Grid or Interlude	ND Non-Dimming DM10 0-10v, 10% Dimming (Standard) DM01 0-10v, 1% Dimming STEP Step Dimming, 100-50-Off, Osram NOTE: Lumens and watts per foot may differ for STEP drivers, consult factory LDE5 5-Series EcoSystem LED LDE1 Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) LTE Hi-lume 1% 2-Wire LED Driver (120V forward phase only) 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)	EML* Emergency Battery, Low (400 delivered lumens) EMH* Emergency Battery, High (550 delivered lumens) *SUR-remote mount only, within 30" of fixture IBC Insulated Braided Cord PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse



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Pendant

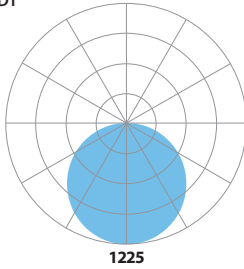
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D1 — DIRECT

Low Output:
QDF-33-LED35-SO-FWA-D1
 6063 Delivered Lumens
 102 Watts
 #102999977LAX-001

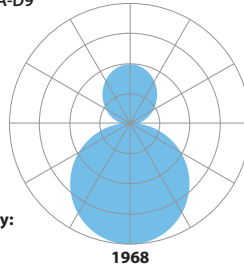


Zonal Lumen Summary:
 0-90 (Down) = 100%

Vertical Angle	0°	25°	45°	65°	90°
0°	2080	2080	2080	2080	2080
5°	2078	2069	2069	2068	2075
15°	2005	1996	1995	1994	2001
25°	1862	1854	1851	1850	1850
35°	1658	1650	1646	1644	1648
45°	1399	1393	1387	1386	1391
55°	1103	1096	1089	1087	1092
65°	777	769	764	761	767
75°	445	438	435	433	440
85°	138	134	133	132	135
90°	0	0	0	0	0

D9 — SEMI-DIRECT

Standard Output:
QDF-33-LED35-SO-FWA-D9
 7947 Delivered Lumens
 122 Watts
 65 lm/w
 #102999977LAX-002



Zonal Lumen Summary:
 0-90 (Down) = 70%
 90-180 (Up) = 30%

Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	1968	1968	1968	1968	1968
5°	1958	1657	1959	1957	1956
15°	1882	1881	1882	1880	1879
25°	1741	1740	1739	1737	1735
35°	1543	1541	1540	1537	1535
45°	1295	1293	1289	1286	1285
55°	1008	1006	1002	1000	1000
65°	704	698	694	696	699
75°	392	387	385	384	386
85°	104	101	102	101	100
90°	0	0	0	0	0
95°	31	32	33	33	33
115°	258	258	260	260	259
125°	399	399	400	400	399
135°	543	545	547	546	547
145°	689	688	693	689	689
155°	811	811	814	812	811
165°	897	895	899	896	897
175°	941	941	944	942	943
180°	949	949	949	949	949

LUMEN OUTPUT: Direct/Semi-Indirect (D9)

D1 ON PREVIOUS PAGE

		LO	MO	SO	HO
QDF-22:	lm	2500	3200	5300	6600
	w	36	48	81	105
QDF-33:	lm	3500	4650	8000	10000
	w	54	72	122	158
QDF-44:	lm	4700	6250	10500	13600
	w	73	96	163	211

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, consult factory for min and max on Sky Oculus Series.

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. +/- 100 lumens, +/- 100k CCT 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. DM10 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers.

CONSTRUCTION

Housing	Extruded aluminum, >25% PC recycled, 100% recyclable
Lens	Flat acrylic, 100% recyclable
Weight	QDF-22: 28 lbs QDF-33: 45 lbs QDF-44: 60 lbs

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

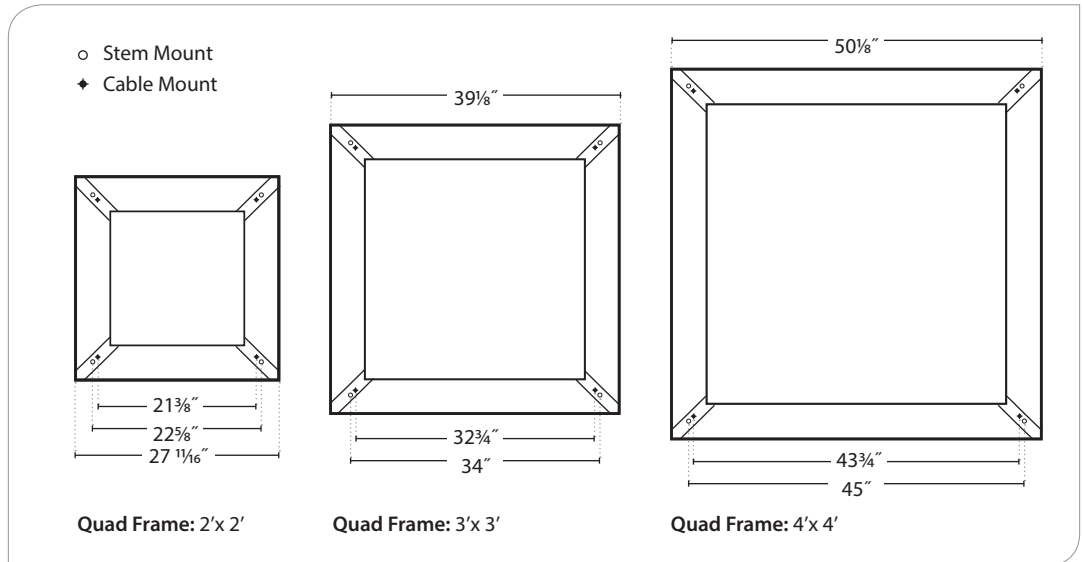
WARRANTY Single-source, 5 year limited warranty covers standard components and construction.



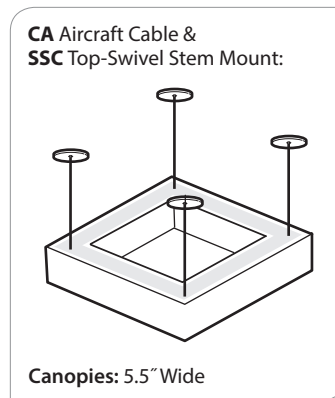
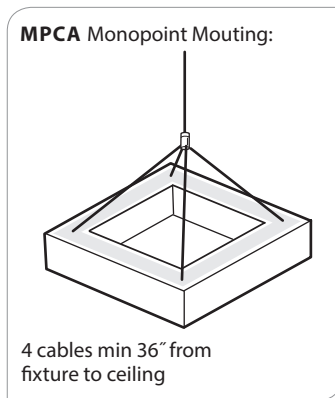


YSW – Seashell White (Matte)	YCH – Champagne (Metallic)
YSL – Silver (Metallic)	YPE – Pewter (Matte)
YRG – Rain Grey (Gloss)	YSTM – Storm Grey (Matte)
YBK – Black (Matte)	YBB – Black (Semi Gloss)
YSKM – Sky (Matte)	YMB – Military Blue (Matte)
YIB – Interstate Blue (Matte)	YSAM – Sapphire (Matte)
YFGM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

MOUNTING LOCATIONS



MOUNTING OPTIONS



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

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

