job name:

type:

sq.air™ LED spec sheet

material

housing
brake formed and welded aluminum.

diffuser
.125" virgin gloss white acrylic panels.

optics

reflector
.050 aluminum painted high reflectance powder coat matte white.

lamp lens
.125" P95 frost acrylic lens.

efficiency
constant current driver operates LED consistently, regulating the current flow through it to produce the most consistent light output and efficiency. constant current driver protects LEDs from voltage fluctuations in the building power system, eliminating stress from over voltage, inrush surges, and flicker from voltage fluctuations, assuring long service life.

LED
custom LED board in 3000K, 3500K, or 4000K (80 cri). under normal operating conditions, the LEDs employed are rated for >36,000hrs L70 (6.8K) per IES TM-21 from LM-80 test data, and 71,000hrs L70 projected life. white power cord is standard with other color options listed below.

driver
Roal Strato series, class 2 power unit, built-in active PFC function, universal input (120-277 vac), 10% minimum dimming level, PF >80, protections include short circuit, over current, over voltage and over temperature. wired for 0-10v dimming from factory.

mounting
5"dia. spun steel canopy in satin white. four point vertical suspension of 12 ft long stainless steel cables attach to trim with field adjustable grippers that allow for exact AFF mounting heights.

emergency
emergency not available. if required, recommend use of inverter (by other).

catalog number

size

P6826
(2ft) 26.75"dia X 12"ht

P6838
(3ft) 38.75"dia X 14"ht

P6848
(4ft) 48.75"dia X 16"ht

LED array

30LO	3000K
30HI	3000K
35LO	3500K
35HI	3500K
40LO	4000K
40HI	4000K

finish

AP	anodized paint
BR	brick red
BU	blue
BZ	bronze
CP	champagne
MB	military blue
MN	mint
MW	matte white
OR	orange
RD	red
SB	satin black
SS	satin silver
TG	textured gray
TW	textured white
YO	yellow

Premium Finish

RAL	specify RAL#

options

BKPC	Black power cord and canopy
SBPC	Silver braid power cord and white canopy

cULus DRY / DAMP

made in the usa!

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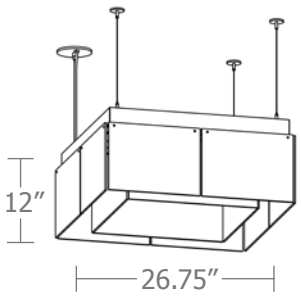
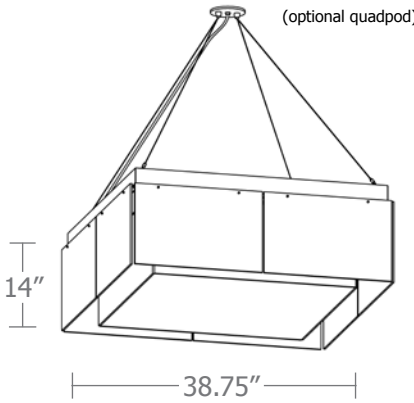
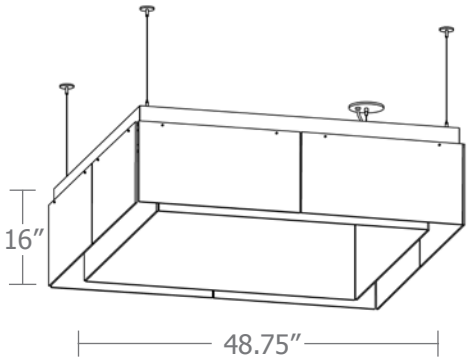
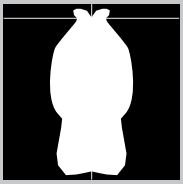
rev. 4/09/2017









19457
P6826-40HI

Cat No	Delivered Lumens	Watts 120V	Watts 277V	Amps 120V	Amps 277V
P6826 LO		30	30	0.25	0.11
4000K	2809				
3500K	2640				
3000K	2106				
P6826 HI		55.8	55.8	0.47	0.20
4000K	5461				
3500K	5133				
3000K	4096				
P6838 LO		37	37	0.31	0.13
4000K	3414	ies file # 19457			
3500K	3209				
3000K	2506				
P6838 HI		73	73	.61	0.26
4000K	6827				
3500K	6417				
3000K	5120				
P6848 LO					
4000K					
3500K					
3000K					
P6848 HI					
4000K					
3500K					
3000K					

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Powder Coat Paint Finishes

MW matte white

SB satin black

YO yellow 1018

TW textured white

CP champagne

RD red 3020

AP anodized paint

BZ bronze

BU blue 5017

SS satin silver

BR brick red

OR orange 2011

TG textured gray

MB military blue

MN mint 6019

For accurate color verification, actual finish samples are available upon request.

Premium Finishes

RAL#

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