

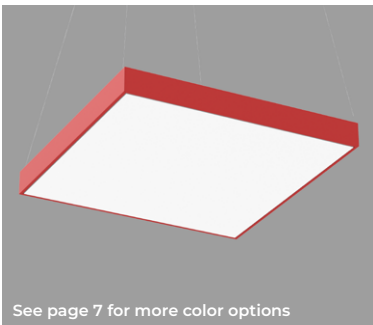
POP COLOR SQUARE 4x4



PENDANT DIRECT/INDIRECT
STATIC WHITE

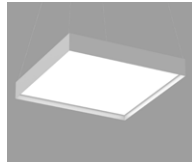


Project: _____
Type: _____



See page 7 for more color options

Flush lens



2" regressed lens

DESCRIPTION

POP Color features a painted housing with a uniformly luminous diffuser that sits flush or regressed. POP Color delivers up to 120 LPW and is available in nine standard housing colors.

Order Guide

Up to 120 lm/W performance

LUMINAIRE ID	DISTRIBUTION ¹	SIZE	OPTIC	LENS POSITION	LIGHT SOURCE ²	CRI	DIRECT LUMEN PACKAGE
	DI	4FTX4FT	ULO		SW		
PCSQP - Pop Color Square Pendant PCSQRGP - Pop Color Square Regressed Lens Pendant	DI - Direct/Indirect ¹ The lens on the indirect side is clear.	4FTX4FT - 4' X 4'	ULO - Uniform Lambertian Optic	PCSQP FH - Flush PCSQRGP 2R - 2" regressed	SW - Static white ² Chromawerx Sola and Duo also available. Consult other spec sheet.	80 - 80 CRI 90 - 90 CRI	7000 - Min. low output 7000lm 10000 - Medium output 10000lm 14000 - Max. high output 14000lm #### - Other required lm

INDIRECT LUMEN PACKAGE	COLOR TEMP.	VOLTAGE	DRIVER ⁴	ELECTRICAL
2500 - Min. low output 2500lm 3500 - Medium output 3500lm 4500 - Max. high output 4500lm #### - Other required lm	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K	120 - 120V 277 - 277V UNV - 120V-277V 347 ³ - 347V ³ Available with DI only.	D1 - 1% 0-10V DA ⁵ - DALI LDE1 ⁵ - Lutron Hi-Lume 1% Eco ELD1 - eldoLED 1% ECOdrive 0-10V ELDO - eldoLED 0.1% SOLOdrive 0-10V ⁴ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁵ On-site commissioning is required.	1 - 1 circuit 2 - 2 circuits +EB ⁶ - Emergency battery pack +GTD ⁶ - Generator transfer device ⁶ Not available with 347V.

MOUNTING	POWER CORD COLOR	FINISH	OPTIONS
5SWAC36			
5SWAC36 - Power 5" square white canopy (36" aircraft cable) For all other options refer to our Pendant Mounting Guide	BPC - Black power cord WPC - White power cord	W - Matte white AL - Aluminum B - Matte black RAL 1028 - Yellow RAL 2004 - Orange RAL 3020 - Red RAL 4010 - Magenta RAL 5002 - Blue RAL 6018 - Green CF# - Custom finish specify RAL#	FU120 - Fuse 120V FU277 - Fuse 277V NA - None

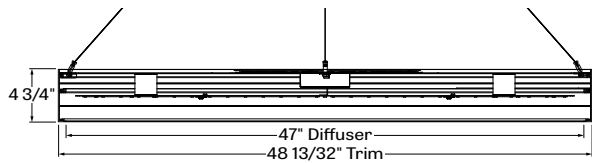
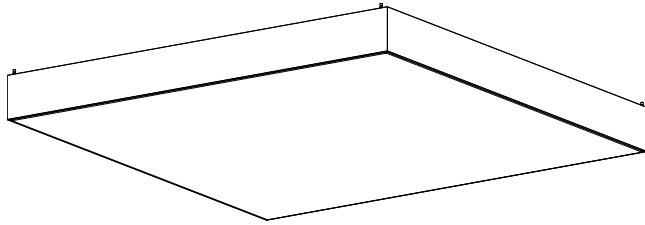
POP COLOR SQUARE 4x4



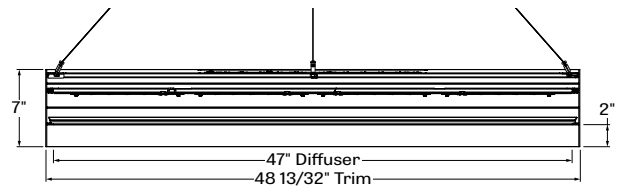
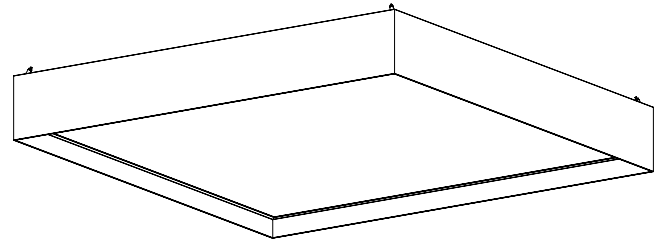
PENDANT DIRECT/INDIRECT
STATIC WHITE

Dimensions

POP COLOR FH - FLUSH



POP COLOR 2R - 2" REGRESSED



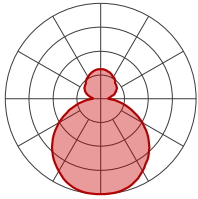
POP COLOR SQUARE 4x4



PENDANT DIRECT/INDIRECT
STATIC WHITE

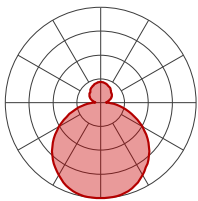
Photometrics

Performance at Indirect 2500 Lumen



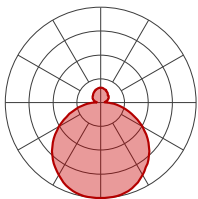
7000 LUMEN AT 80 CRI - LOW OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
Low output	2700K	86.7	7000	2500	9500	110
Low output	3000K	85	7000	2500	9500	112
Low output	3500K	82	7000	2500	9500	116
Low output	4000K	79	7000	2500	9500	120



10000 LUMEN AT 80 CRI - MEDIUM OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
Medium output	2700K	115.8	10000	2500	12500	108
Medium output	3000K	113.5	10000	2500	12500	110
Medium output	3500K	110.5	10000	2500	12500	113
Medium output	4000K	107	10000	2500	12500	117



14000 LUMEN AT 80 CRI - HIGH OUTPUT

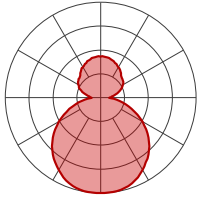
LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
High output	2700K	158.7	14000	2500	16500	104
High output	3000K	155.5	14000	2500	16500	106
High output	3500K	150	14000	2500	16500	110
High output	4000K	146	14000	2500	16500	113

POP COLOR SQUARE 4x4



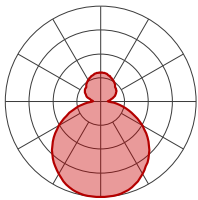
PENDANT DIRECT/INDIRECT
STATIC WHITE

Performance at Indirect 3500 Lumen



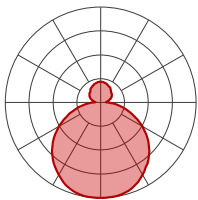
7000 LUMEN AT 80 CRI - LOW OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
Low output	2700K	96.4	7000	3500	10500	109
Low output	3000K	94.5	7000	3500	10500	111
Low output	3500K	91.5	7000	3500	10500	115
Low output	4000K	88	7000	3500	10500	119



10000 LUMEN AT 80 CRI - MEDIUM OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
Medium output	2700K	126.5	10000	3500	13500	107
Medium output	3000K	124	10000	3500	13500	109
Medium output	3500K	119.5	10000	3500	13500	113
Medium output	4000K	116.5	10000	3500	13500	116



14000 LUMEN AT 80 CRI - HIGH OUTPUT

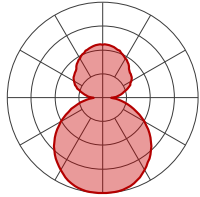
LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
High output	2700K	168.4	14000	3500	17500	104
High output	3000K	165	14000	3500	17500	106
High output	3500K	160.5	14000	3500	17500	109
High output	4000K	155	14000	3500	17500	113

POP COLOR SQUARE 4x4



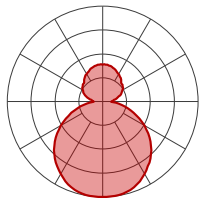
PENDANT DIRECT/INDIRECT
STATIC WHITE

Performance at Indirect 4500 Lumen



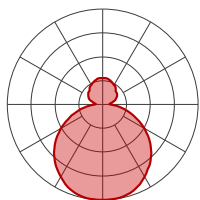
7000 LUMEN AT 80 CRI - LOW OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
Low output	2700K	106.6	7000	4500	11500	108
Low output	3000K	104.5	7000	4500	11500	110
Low output	3500K	101	7000	4500	11500	114
Low output	4000K	98	7000	4500	11500	117



10000 LUMEN AT 80 CRI - MEDIUM OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
Medium output	2700K	135.7	10000	4500	14500	107
Medium output	3000K	133	10000	4500	14500	109
Medium output	3500K	129.5	10000	4500	14500	112
Medium output	4000K	125	10000	4500	14500	116



14000 LUMEN AT 80 CRI - HIGH OUTPUT

LED OUTPUT	COLOR TEMP	WATTS	DIR. LUMENS	IND. LUMENS	TOTAL NOMINAL DELIVERED LUMENS	EFFICACY LPW
High output	2700K	178.1	14000	4500	18500	104
High output	3000K	174.5	14000	4500	18500	106
High output	3500K	169.5	14000	4500	18500	109
High output	4000K	163.5	14000	4500	18500	113

POP COLOR SQUARE 4x4



PENDANT DIRECT/INDIRECT
STATIC WHITE

Technical Specifications

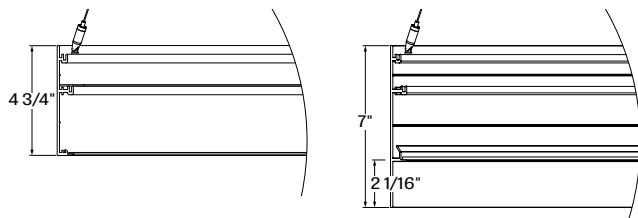
OPTIC

Uniform Efficiency Lambertian Optic (ULO)

Made of formed impact modified white PMMA, the optic provides an even light distribution with up to 88% transmission. Its unique enclosed shell design protects LEDs against Electrostatic Discharge and dust while its back surface project a soft glow on the mounting surface.

LENS POSITION

Pop Color square 44 pendant is available in 2 lens configurations.



PCSQP + FH - Flush lens

PCSQRGP + 2R - 2" regressed lens

LIGHT SOURCE

Custom array of mid-flux LEDs are mounted directly to the housing for optimal thermal performance. Available in 2700K, 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.

All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white) emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

EMERGENCY

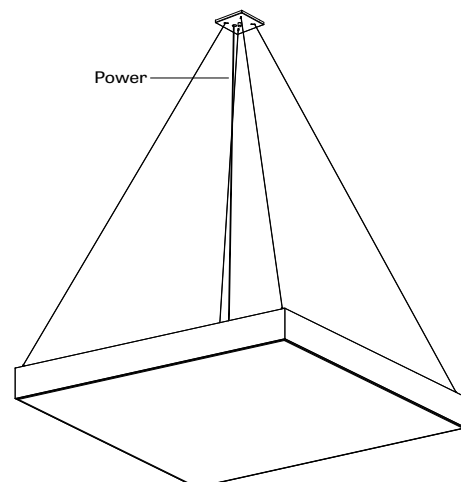
Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 10W (25°C) emergency lighting output and recharge time of 24 hours.

MOUNTING OPTION

Fixtures are pendant-mounted, using aircraft cables. Unless otherwise specified, Lumenwerx provides the following hardware:

For cable-mounted fixtures - 5SWAC36, 5" square white canopy with a 36" cable.

[For all other options, see our website for a detailed Pendant Mounting Guide](#)



POP COLOR SQUARE 4x4

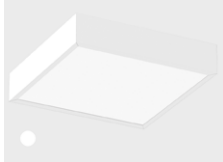


PENDANT DIRECT/INDIRECT
STATIC WHITE

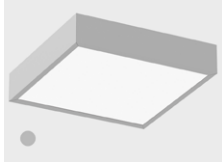
FINISH

Interior - 95%, reflective, matte white powder coating

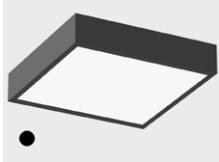
Exterior - Side trim is offered in a range of vibrant color powder coating.



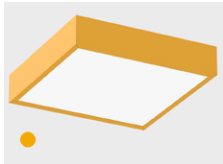
W - Matte white



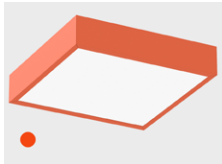
AL - Aluminum



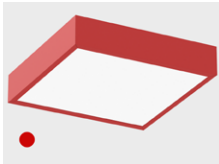
B - Matte black



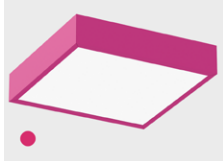
RAL 1028 - Yellow



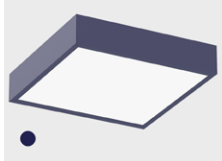
RAL 2004 - Orange



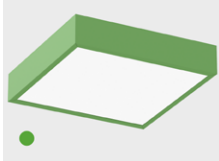
RAL 3020 - Red



RAL 4010 - Magenta



RAL 5002 - Blue



RAL 6018 - Green

CONSTRUCTION

Housing - Welded aluminum extrusion .125in thick, wide variety of colored powder coating

WEIGHT

SQ 44 Flush, 2R - 77.12lbs - 35.02kg

CERTIFICATION

ETL - Rated for Indoor Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.