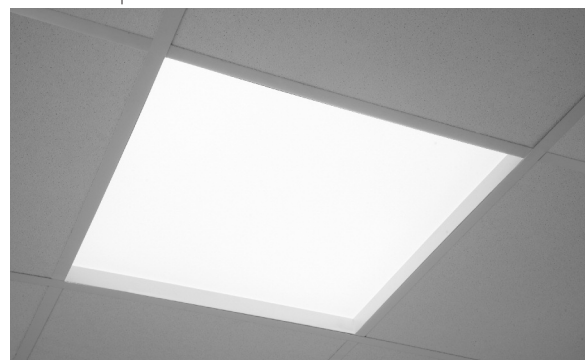


FINELITE

Tunable White HPT 2x2



Date

Project

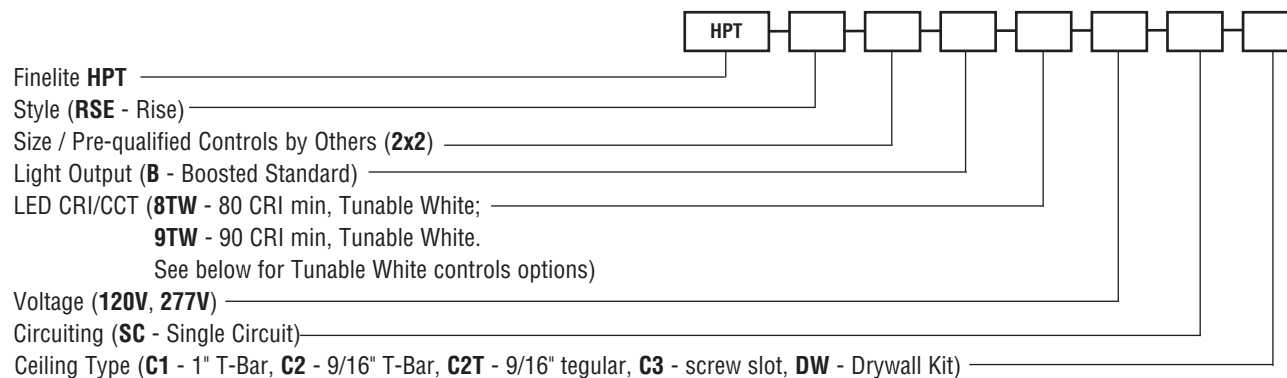
Type

Comments

DESCRIPTION

HPT is a highly efficient recessed luminaire providing exceptional performance and visual comfort. Tunable White options enhances the skylight look provided by the 1.5" regressed diffuser. The HPT creates a seamless elegant transition between the ceiling and luminaire providing an ideal solution for uniform lighting and a distinguished look.

ORDERING GUIDE: Sample Number: HPT - RSE - 2x2 - S - 8TW - 120V - SC - C1



TUNABLE WHITE CONTROLS OPTIONS: SELECT ONE



FineTune controller with FineTune DMX Driver

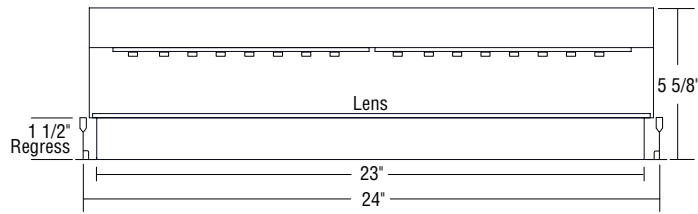
OR

- Controls by others with pre-qualified DMX driver
- Controls by others with pre-qualified DALI driver
- Controls by others with pre-qualified PoE setup
- Controls by Lutron with pre-qualified Lutron driver

FINELITE

Tunable White HPT 2x2

LUMINAIRE FEATURES



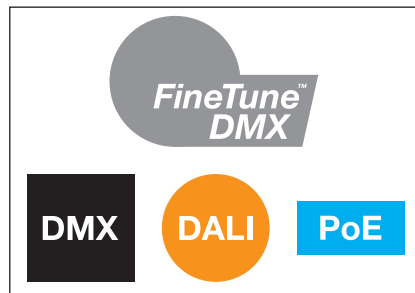
DIMENSIONS



100 % SERVICEABLE FROM BELOW

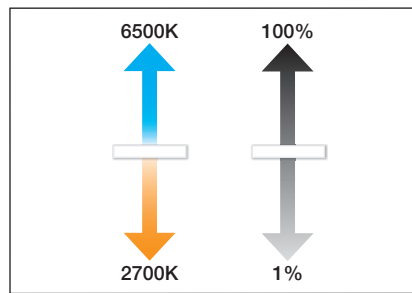
The replaceable light engine and driver are easy to access from below the ceiling.

TUNABLE WHITE FEATURES



MULTIPLE CONTROL ARCHITECTURES

Finelite's FineTune™ DMX, qualified DMX, DALI (open and proprietary), or PoE (Power over Ethernet).



TUNABLE WHITE

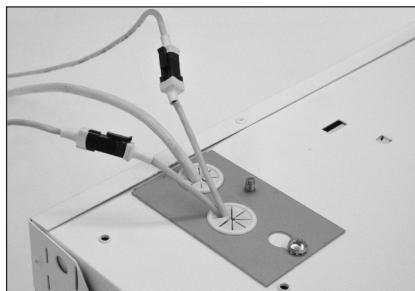
Any CCT between 2700K and 6500K with excellent CRI and R9 values; dimming from 100% to 1%.



FINETUNE SYSTEM

Award-winning control system, which includes intuitive wall mounted controller, power control center, driver, and mobile app to easily tailor lighting to match user preference.

DMX CONNECTION

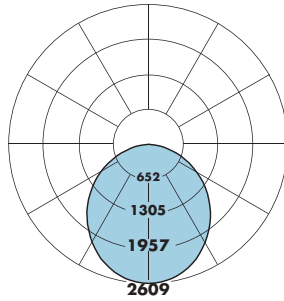


FINELITE

Tunable White HPT 2x2

PHOTOMETRY

Very High Output - 2x2
 Efficacy: 118 lumens per watt
 Total Luminaire Output: 6671 Lumens
 56.6 Watts
 Peak Candela Value: 2609 @ 0°
 CCT: 3500K
 CRI: 80+
 ITL LM79 Report: 89598



CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	ACROSS	Flux
0	2609	2609	2609	2609	2609	
5	2592	2591	2592	2593	2593	246
10	2542	2540	2541	2542	2543	
15	2463	2460	2460	2464	2465	694
20	2357	2352	2351	2356	2359	
25	2228	2222	2220	2226	2231	1024
30	2079	2072	2069	2077	2081	
35	1915	1906	1903	1912	1918	1194
40	1738	1728	1725	1735	1741	
45	1552	1522	1538	1548	1556	1192
50	1366	1349	1345	1356	1365	
55	1167	1154	1150	1161	1171	1036
60	975	960	955	966	975	
65	779	765	760	771	778	760
70	582	570	568	578	585	
75	398	387	386	394	400	417
80	233	223	223	229	234	
85	95	89	88	93	94	108
90	0	0	0	0	0	

Total Light Output, 3500K, 80 CRI (Lumens)	
B*	
	4527
Power, 3500K, 80 CRI (Watts)	
B*	
	39.8
Efficacy, 3500K, 80 CRI (Lumens Per Watt)	
B*	
	114

Lumen Adjustment Factors - 80 CRI	
2700K	0.968
3000K	0.985
3500K	1.000
4000K	1.032
6500K	1.032

Lumen Adjustment Factors - 90 CRI	
2700K	0.731
3000K	0.746
3500K	0.760
4000K	0.789
6500K	0.789

B - Boosted Standard Output

* Correlation based on ITL report: 89598 3500K, 80 CRI Very High Output (V) test - 120V

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI.

SAMPLE LUMEN ADJUSTMENT CALCULATION

$$\frac{\text{Boosted Standard Output (B)}}{\text{Angled (A) \& Flat (F)}} \\ \text{4000K, 90 CRI}$$

$$\text{Lumen Adjustment Factor} = 0.789$$

$$\text{Total Light Output} = \\ 4527 \text{ lm} \times 0.789 = 3571 \text{ lm}$$

$$\text{Efficacy} = \frac{3571 \text{ lm}}{39.8 \text{ W}} = 90 \text{ lm/W}$$

FINELITE

Tunable White HPT 2x2

SPECIFICATIONS

CONSTRUCTION: Die-formed 20-gauge cold-rolled steel housing. All components are hard-tooled to tolerances of +/- 0.010". Lift and shift lens provides easy access to light arrays and driver compartment for servicing from below. Seismic brackets are integrated into the luminaire assembly. Additional wire entrances are positioned on the ends of the housing to allow easy wiring access for the installer.

OPTICAL SYSTEM: Diffusers is UV-stabilized and impact-resistant frosted virgin acrylic, 0.08" thick.

LIGHT OUTPUT: Available in Boosted Standard (B). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

LUMEN MAINTENANCE: 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

TUNABLE WHITE DRIVER: Replaceable LED driver accessible from below the ceiling. 120/277V. Power factor ≥0.90. Total Harmonic Distortion (THD): <20%. Dimming Range: 100% - 1%. Expected driver lifetime: 100,000 hours.

ELECTRICAL:

Emergency Option DMX: Battery backup only.

Emergency Option DALI: Battery backup, emergency-to-generator/ inverter wiring.

Emergency Option Lutron: Battery backup, emergency-to-generator/ inverter wiring.

Emergency Option PoE: Contact factory.

Battery Backup: Factory-choice low-profile backup battery available. Bodine BSL722 battery pack also available. Backup batteries deliver 1600 lumens. One half of the 2x2 will be illuminated in emergency mode. Backup battery will operate at 6500K in emergency.

Chicago Plenum: Available on request.

MOUNTING: Standard flange design works with most lay-in ceiling types. Integral pry-out tabs secure the luminaire to the ceiling grid from above. The location of the pryout tabs allows two luminaires to be mounted adjacent to each other sharing the same T bar. Tie-in locations for tie-wire on all corners. Consult local code for appropriate tie-wire recommendations. Drywall Kit available.

DMX INTERCONNECTION CABLES: Luminaires are prewired with plug-and-play interconnection cables to support easy plug-together joining of luminaire runs. If a non-FineTune DMX system has been specified, a DMX to RJ45 converter is provided.

FINISH: Housing painted with 96 LG high reflectance matte white powder coat paint. Optional adder: Anti-microbial paint. Contact factory.

FEED: Standard with one 18-gauge single-circuit feed. 14-gauge feed available on request. DMX and power feed at same location (standard). Optional whips (with flex connectors) supplied in a maximum of 11' lengths. Lead Wires. DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

LABELS: Luminaire and electrical components are ETL-listed conforming to UL 916, 1598, 8750, 924 in the U.S.A. and CAN/CSA C22.2 No. 205, 250, and 141 in Canada. In accordance with NEC Code 410.73 (G), this luminaire contains an internal driver disconnect. Damp Location. IC-rated. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2002/95/EC.

WEIGHT: 23.5 lbs.

WARRANTY: 10-year performance-based warranty on all standard components. Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

TUNABLE WHITE PRE-QUALIFIED DRIVERS BY OTHERS

DMX	DALI	POE set up	LUTRON
EldoLED	EldoLED, Crestron	Contact Factory	LUTRON

NOTE: For a complete list of system option/limitations [please click here](#).