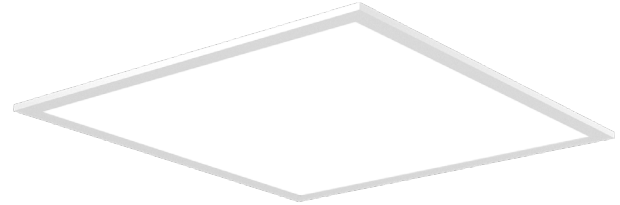


DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

tradeSELECT®

FEATURES

- Switchable Lumen technology:
4400/3300/2750 lumens (2x2)
5500/4400/3300 lumens (2x4)
- 2x2, and 2x4 sizes
- 80 CRI
- 0–10V dimming to 10%
- Recessed or surface mount
- Universal voltage (120–277V)
- IC rated
- Smooth even illumination across the face of the luminaire



SPECIFICATIONS

CONSTRUCTION

- Aluminum lens frame has a matte white finish
- Luminaire housing is die formed code-gauge steel

OPTICS

- Acrylic micro-optics over each LED provide edge to edge illumination without pixelation or bright spots
- Frosted/textured lens provides smooth surface brightness

INSTALLATION

- Integral T-bar clips for secure mounting to grid ceiling
- For surface mount applications use surface mount kit accessories

INSTALLATION (CONTINUED)

- For plaster or sheet rock installations, use flange kit accessories

ELECTRICAL

- 60,000 hour LEDs at L70 for reduced maintenance
- Operates at 120–277V. 1V minimum low-end trim recommended when paired with a 0-10V dimmer
- 0–10V dimmable driver, down to 10%
- Switchable Lumen technology allows for easy field-adjustable lighting output with three level switch located on back of panel
- Switchable Lumen fixtures ship at the highest lumen output, 3500k

CERTIFICATIONS

- All luminaires are built to UL 1598 standards and bear appropriate cULus labels
- Damp location label standard
- Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations
- DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org

WARRANTY

- 5 year warranty

ORDERING GUIDE

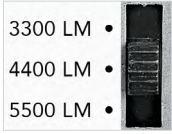
Catalog Number	Part #	UPC	Description	Delivered Lumens	Watts	LPW
CBT22-LS35	93157357	840141405476	2X2 Back-Lit Troffer, 4400/3300/2750 Switchable Lumens, 3500K CCT	2970	24	124
				3358	28	120
				4385	38	115
CBT24-LS35	93157359	840141400051	2x4 Back-Lit Troffer, 5500/4400/3300 Switchable Lumens, 3500K CCT	3633	28	130
				5014	38	132
				6037	48	126

Accessories (Order Separately)	
FK14	1x4 Single Flange Kit
FK22	2x2 Single Flange Kit
FK24	2x4 Single Flange Kit
PSMK14	1x4 Surface Mount Kit
PSMK22	2x2 Surface Mount Kit
PSMK24	2x4 Surface Mount Kit

KEY DATA	
Lumen Range	2970–6140
Wattage Range	24–48
Efficacy Range (LPW)	115–133
Reported Life (Hours)	L70/60,000

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

ADDITIONAL INFORMATION



Switchable Lumen technology

0-10V DIMMER COMPATIBILITY

Fixture operates at 120-277V. 0-10V dimmable driver, down to 10%.

1V minimum low-end trim recommended when paired with a 0-10V dimmer.

List of suitable dimmers based on laboratory testing. Compatibility must be verified by customer before install. Columbia cannot guarantee dimmer compatibility

- NX Lighting Controls RSD710
- NX Lighting Controls PSD710
- Lutron® Diva DVST
- Leviton® IP710
- Leviton® AWSMT-7DW
- Eaton® DF10P-C1
- Synergy® ISD BC120/277
- Enerlites® 51300L

PHOTOMETRY

CBT14-LS35_4400LM

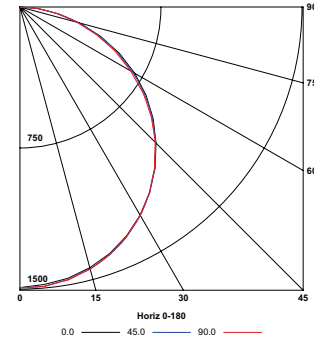
LUMINAIRE DATA

Test No.	CBT14-LS35_4400lm
Description	CBT Back-lit Troffer 1'x4' 3500K 4400lm
Delivered Lumens	4454
Watts	41.65
Efficacy	107
Mounting	Recessed
Spacing Criterion	0° = 1.27 90° = 1.27

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1170	26.3
0-40	1924	43.2
0-60	3439	77.2
0-90	4454	100.0
0-180	4454	100.0

POLAR GRAPH



CBT22-LS35_4400LM

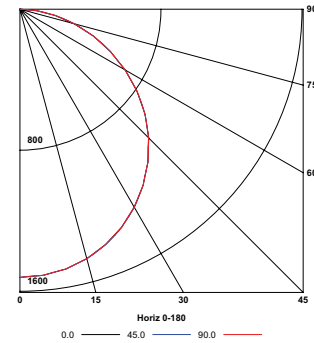
LUMINAIRE DATA

Test No.	CBT22-LS35_4400lm
Description	CBT Back-lit Troffer 2'x2' 3500K 4400lm
Delivered Lumens	4484
Watts	40.33
Efficacy	111
Mounting	Recessed
Spacing Criterion	0° = 1.26 90° = 1.26

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1189	26.5
0-40	1953	43.6
0-60	3476	77.5
0-90	4484	100.0
0-180	4484	100.0

POLAR GRAPH



CBT24-LS35_5500LM

LUMINAIRE DATA

Test No.	CBT24-LS35_5500lm
Description	CBT Back-lit Troffer 2'x4' 3500K 5500lm
Delivered Lumens	5855
Watts	49.71
Efficacy	118
Mounting	Recessed
Spacing Criterion	0° = 1.27 90° = 1.26

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	1542	26.3
0-40	2535	43.3
0-60	4526	77.3
0-90	5855	100.0
0-180	5855	100.0

POLAR GRAPH

