

| DATE:      | LOCATION: |
|------------|-----------|
| TYPE:      | PROJECT:  |
| CATALOG #: |           |

600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

## FEATURES

- High efficiency acrylic lenses feature custom formulation for high performance without pixelation
- Appropriate for offices, schools, medical, and public spaces
- LED modules and electrical accessible from below
- Optional architecturally styled integration of daylight and occupancy sensor(s)
- Compatible with Dual-Lite inverters





# CONTROLS TECHNOLOGY



## SPECIFICATIONS

#### CONSTRUCTION

- Luminaire housing, reflectors and end caps are die formed code gauge cold rolled steel
- Removable lenses and center channel for easy access to LED module and electrical components
- All reflective surfaces are finished after fabrication with unique formula high reflectivity matte white paint for soft, uniform illumination

#### OPTICS

 High transmission extruded acrylic lenses feature custom formulation for high efficacy without pixelation

#### INSTALLATION

- An access plate is furnished with each luminaire for fast wiring access without the necessity to open the fixture or wireway
- Luminaire fits recessed exposed Grid ceilings (G); four integral NEC compliant T-bar clips are standard
- Can be placed in Slot Grid (SG) style ceiling with regress 9.5mm above ceiling plane
- A Flange Kit (FK) accessory is available for recessed hard ceiling applications

- Surface Mount (SM) option allows placement below ceiling plane
- Cable Mount (CM) option allows suspension below ceiling plane

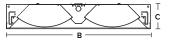
#### CONTROLS

- Optional SpectraSync<sup>™</sup> offers a Tunable White solution and integrates seamlessly into a variety of control systems
- NX Lighting Control provides options for standalone and networked integrated sensor with wired or wireless connectivity for NX system deployments

#### CERTIFICATIONS

- IC label is standard for recessed products
- All luminaires are built to UL1598 and bear appropriate CSA labels
- Damp location label standard
- Emergency-equipped fixtures are Dry Location unless specified
- CSA certified to UL 924 standards with battery pack or DTS (Dimming Bypass Module) options
- Adheres to LM79, LM80, and TM21
   industry standards

| Typical Dimensions and Weights |                                       |             |                           |                    |  |  |  |
|--------------------------------|---------------------------------------|-------------|---------------------------|--------------------|--|--|--|
| Sizes                          | es (A) Length (B)<br>Inches (mm) Inch |             | (C) Height<br>Inches (mm) | Weight<br>Ibs (kg) |  |  |  |
| 600x600                        | 23.4 (594)                            | 23.46 (596) | 4.0 (101.6)               | 11 (5)             |  |  |  |



#### **CERTIFICATIONS (CONTINUED)**

- The DTS, Dimming Bypass Module, is for emergency circuit control loads including sensors and wireless systems CSA certified to UL 924.
- Product configurations not including battery packs or controls meet federal procurement law requirements under the Trade Agreements Act (FAR 52.225-11).
   See Buy America(n) Solutions

#### WARRANTY

• 5 year warranty

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# **ORDERING GUIDE** CATALOG #

| тсате  | 56 -             | -                      |                                |          |                |                  |          |                          | _   |           |   |               |                                |
|--------|------------------|------------------------|--------------------------------|----------|----------------|------------------|----------|--------------------------|-----|-----------|---|---------------|--------------------------------|
| Model  |                  | Color T                | emp                            | Nom      | inal Lumens    | 5 <sup>2</sup> ( | Ceilir   | ng Type                  |     | Driver    |   | Volt          | age                            |
| CATE   | 66               | 30                     | 3000K                          | vw       | 1400–1500      | (                | G        | Grid Lay-in <sup>3</sup> | ľ   | Е         | Fixed Output  | U             | 120-277V                       |
| 600mr  |                  | 35                     | 3500K                          | мw       | 2075-2350      | ) s              | SM       | Surface                  |     | ED        | 0–10V Dimming   | 347           | 347V                           |
|        | n LED<br>nporary | 40                     | 4000K                          | LW       | 2525-2875      | 5                |          | Mount                    |     | ED1       | 0–10V 1% Dimming  |               |                                |
|        | ectural          | 50                     | 5000K                          | ML       | 3375-3825      | 5 0              | СМ       | Cable                    |     | ESD       | Step Dimming <sup>4</sup>   |               |                                |
| offer  |                  | 2765T                  | 2700K-6500K                    | HL       | 3850-4050      | o                |          | Suspended<br>Mount       |     | LUTH      |   |               |                                |
|        |                  |                        | SpectraSync™<br>Tunable White¹ | VL       | 4300-4625      | 5                |          | Mount                    |     |           | driver with Soft-on, Fade-to-Black<br>dimming technology <sup>4</sup>   |               |                                |
|        |                  |                        |                                |          |                |                  |          |                          |     | DALIP     | Powered by DALI <sup>4</sup>  |               |                                |
| Dption | Emergen          |                        | Pack Installed,                | N        | Control Option | Controls         | <u>s</u> |                          |     |           |   |               |                                |
|        | 1400 Lum         |                        | · · · · · ,                    |          | letworked Wir  |                  | -        |                          |     |           |   |               |                                |
| TS     | 9                | Bypass M               | odule <sup>4, 6, 7</sup>       | N        | N WXI          | IX Netwo         | orked    | d Wireless Rac           | lio | Module    | NXRM2 and Bluetooth Programming   | g, witho      | ut Sensor <sup>9, 10, 11</sup> |
| 388    | 3-Wire Fle       |                        |                                | N        |                |                  |          |                          |     |           | ral NXSMP2-SMI PIR Occupancy Ser  | nsor wit      | n Automatic <sup>9, 10</sup>   |
| :488   | 4-Wire Fle       |                        |                                |          |                | 5                | Phot     | ocell and Blue           | to  | oth Prog  | ramming   |               |                                |
| 588    | 5-Wire Fle       |                        |                                |          | letworked Win  |                  |          |                          |     |           | h   |               |                                |
| GLR    | Fast Blow        |                        |                                |          |                |                  |          |                          |     | - / -     | hout Sensor <sup>9, 10, 11, 12</sup><br>Integral NXSMP2-SMI PIR Occupan |               |                                |
| OR     |                  |                        | d CM only.<br>access for       |          |                |                  |          |                          |     |           | ramming <sup>9, 10, 11, 12</sup>  | y sens        | OF WILLT AULOIN                |
|        |                  | us row mo              |                                | Ir       | ndependent C   |                  |          |                          |     |           | 5   |               |                                |
| ΝT     |                  |                        | nd CM only.                    | N        | IXCS N         | IX Conn          | ect N    | IXC-WIZ20 Wi             | rel | ess Indo  | or Occupancy and Photocell Senso  | 4, 13, 14, 15 | 17                             |
|        |                  | ends with<br>us row mo | wiring access for<br>unting.)  | <u>c</u> | Other Lightir  | ng Conti         | rols     |                          |     |           |   |               |                                |
| Р      | Chicago I        | Plenum                 |                                | N        | letworked Wir  | eless            |          |                          |     |           |   |               |                                |
|        |                  |                        |                                |          |                |                  |          | •                        |     |           | CSJ-OEM-RF (RF only) <sup>4, 15, 16, 17</sup>                           |               |                                |
|        |                  |                        |                                |          |                |                  |          | •                        |     |           | CSJ-OEM-OCC (RF with daylight and                                       | occupa        | ancy sensing) <b>4</b>         |
|        |                  |                        |                                | A        | WNR L          | utron Atl        | hena     | Integral Fixtur          | e ( | Control A | A-WN-D01-RF-WH (RF only) 4, 12, 15, 18                                  |               |                                |
|        |                  |                        |                                |          | WNS L          |                  |          |                          |     |           | A-WN-D01-OCC-WH with Daylight an  |               |                                |

Independent Control

Occupancy and Daylight Sensors w/ Grouping, Philips 4, 15, 17 ODPG

## Accessories FK66

600mm × 600mm Single Flange Kit (Shipped separately)

CM48YSC3F-KIT 1200mm Cable Mount Kit for 600mm wide Cable Mount fixtures, 3-wire

Notes:

- 1 Available with ED driver and 80 CRI only.
- 2 Refer to performance tables for exact values and available lumen outputs for fixture size
- For drywall, order G with flange kit accessory 3
- 4 Not available with 347V
- 5 To determine lumen output in emergency mode, multiply the battery pack wattage by the fixture lumens per watt (LPW)
- 6 For compatibility with Dual-Lite Litegear inverters, contact lighting representative
- For emergency circuit control loads including sensors and wireless systems CSA certified to UL 924, only available with 0-10V driver. See wiring diagram. 7

#### All Controls

8 Minimum ambient temperature: 0°C (32°F)

#### NX Lighting Controls Options

- 9 NX combined with SpectraSync is not available in 347V
- 10 Not available with VL lumen package
- 11 Not compatible with Surface Mount
- 12 Available with ED or ED1 drivers only
- 13 NX Connect devices can be configured using the NX Connect Mobile App, available in the Apple App Store
- 14 NX Connect devices are not compatible with NX Networked Wireless or Wired Options

### Ohter Lighting Controls Options

- 15 Not available with SpectraSync
- Vive is a trademark of Lutron Electronics Co., Inc. 16
- 17 Only available with DALIP driver option
- 18 When installing in a hard ceiling application room side mounting is suggested, please consult factory



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#### LOCATION: DATE: TYPE:

Example: TCAT66-35HLG-ESDU

CATALOG #:

TCAT66

600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

PROJECT:

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|----------|---|
| LIGHTIN  | G |

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600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

# **PRODUCT EXCEPTIONS & DETAILS**

Driver options listed below are available for the outputs as shown.

|      | DRIVER AVAILABILITY TABLE |                   |   |   |   |   |  |  |  |
|------|---------------------------|-------------------|---|---|---|---|--|--|--|
|      | VW                        | VW MW LW ML HL VL |   |   |   |   |  |  |  |
| E    | Х                         | Х                 | Х | Х | Х | Х |  |  |  |
| ED   | Х                         | Х                 | Х | Х | Х | Х |  |  |  |
| ED1  | Х                         | Х                 | Х | Х | Х | Х |  |  |  |
| ESD  |                           |                   |   | Х | Х | Х |  |  |  |
| LUTH |                           |                   | Х | Х | Х | Х |  |  |  |

# DELIVERED LUMENS

| LUMEN PACKAGE | LUMENS | INPUT WATTS | LPW   |
|---------------|--------|-------------|-------|
| TCAT66-30VWG  | 1417   | 12          | 118.1 |
| TCAT66-35VWG  | 1460   | 12          | 121.7 |
| TCAT66-40VWG  | 1483   | 12          | 123.6 |
| TCAT66-50VWG  | 1517   | 12          | 126.4 |
| TCAT66-30MWG  | 2075   | 18          | 115.3 |
| TCAT66-35MWG  | 2138   | 18          | 118.8 |
| TCAT66-40MWG  | 2177   | 18          | 120.9 |
| TCAT66-50MWG  | 2364   | 18          | 131.3 |
| TCAT66-30LWG  | 2530   | 22          | 115   |
| TCAT66-35LWG  | 2606   | 22          | 118.5 |
| TCAT66-40LWG  | 2646   | 22          | 120.3 |
| TCAT66-50LWG  | 2882   | 22          | 131   |
| TCAT66-30MLG  | 3375   | 31          | 108.9 |
| TCAT66-35MLG  | 3476   | 31          | 112.1 |
| TCAT66-40MLG  | 3530   | 31          | 113.9 |
| TCAT66-50MLG  | 3844   | 31          | 124   |
| TCAT66-30HLG  | 3558   | 30          | 118.6 |
| TCAT66-35HLG  | 3665   | 30          | 122.2 |
| TCAT66-40HLG  | 3722   | 30          | 124.1 |
| TCAT66-50HLG  | 4053   | 30          | 135.1 |
| TCAT66-30VLG  | 4315   | 37          | 116.6 |
| TCAT66-35VLG  | 4445   | 37          | 120.1 |
| TCAT66-40VLG  | 4514   | 37          | 122   |
| TCAT66-50VLG  | 4620   | 37          | 124.9 |



600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

# NX LIGHTING CONTROLS

|                |       |  |              |              | Contro       | l Optio              | n Func                 | tionali          | ty                |                              |         |                     |
|----------------|-------|--|--------------|--------------|--------------|----------------------|------------------------|------------------|-------------------|------------------------------|---------|---------------------|
|                | Co    | ntrol Option Ordering Logic & Description  | Networkable  | Grouping     | Scheduling   | Occupancy/<br>Motion | Daylight<br>Harvesting | 0-10V<br>Dimming | On/Off<br>Control | Bluetooth App<br>Programming | Control | Option Components   |
|                | NXW   | NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor   | $\checkmark$ | $\checkmark$ | $\checkmark$ | -                    | -                      | $\checkmark$     | $\checkmark$      | $\checkmark$                 |         | NXRM2-H             |
| NX Wireless    | NXWSM | NX Networked Wireless Enabled Integral NXSMP2-<br>SMI PIR Occupancy Sensor with Automatic Dimming<br>Photocell and Bluetooth® Programming    | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$         | $\checkmark$           | $\checkmark$     | $\checkmark$      | $\checkmark$                 |         | NXSMP2-SMI          |
|                | NXE   | NX Wired Dual RJ45 SmartPORTS , without Sensor   | $\checkmark$ | $\checkmark$ | $\checkmark$ | -                    | -                      | $\checkmark$     | $\checkmark$      | $\sqrt{1}$                   |         | NXDSP               |
| NX Wired       | NXESM | NX Wired Dual RJ45 SmartPORTS and Integral<br>NXSMP2-SMI PIR Occupancy Sensor with Automatic<br>Dimming Photocell and Bluetooth® Programming | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$         | $\checkmark$           | $\checkmark$     | $\checkmark$      | $\checkmark$                 | •••     | NXDSP<br>NXSMP2-SMI |
| NX Independent | NXCS  | NX Connect NXC-WIZ20 Wireless Indoor Occupancy<br>and Photocell Sensor   | -            | $\checkmark$ | -            | $\checkmark$         | $\checkmark$           | $\checkmark$     | $\checkmark$      | $\sqrt{2}$                   | 0       | NXC-WIZ20           |

DATE: TYPE:

CATALOG #:

1 Requires NXBTC, order separately.

2 Requires use of NX Connect App available for download from Apple app store.

#### DEFAULT SETTINGS

|                    | Occupancy Sensor                       | Enabled    |
|--------------------|--|------------|
|                    | Occupancy Sensor Sensitivity           | 7 Minutes  |
| p                  | Occupancy Sensor Timeout               | 15 Minutes |
| Wire               | Occupied Dim Level                     | 100%       |
| ss &               | Unoccupied Dim Level                   | 0% (OFF)   |
| NX Wirelss & Wired | Daylight Sensor                        | Disabled   |
| ××                 | Bluetooth                              | Enabled    |
| ~                  | 2.4GHz Wireless Mesh                   | Off        |
|                    | Passcode<br>Factory Passcode: HubbN3T! | Enabled    |

|   | Settling/Dwell Time   | 5 sec       |
|---|-----------------------|-------------|
|   | Hold Time             | 10 min      |
| , | Group Hold Time       | 10 min      |
|   | Grace Time            | -           |
| 5 | Strategy              | Auto ON/OFF |
|   | Occupancy Sensitivity | 5 (highest) |
| 5 | Occupancy Indicator   | ON          |
|   | Partial Off/Standby   | 0%          |
| ) | Background Level      | 50%         |
|   | Task Level            | 100%        |
|   | Daylight Harvesting   | -           |
|   | Low Ambient Output    | 250%        |
|   | High Ambient Output   | OFF         |

#### CONTROLS TECHNICAL SUPPORT

1-800-888-8006 (7:00 am-7:00 pm est)

#### APP INFORMATION

#### NX Lighting Controls App



The NX Lighting Controls App is a free to use mobile application for programming both an NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enabled luminaires and program your NX system settings.

Independent - NX Connect

X





Android

Apple iOS

#### NX Connect App



The NX Connect mobile App is a free to use mobile application for programming a NX Connect System. The mobile App allows you to discover, configure and share your NX Connect system.



Apple iOS



LOCATION:

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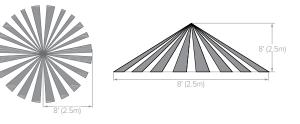


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600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

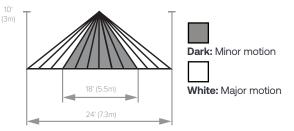
### COVERAGE PATTERNS

## NXWSM/NXESM (NXSMP2-SMI SENSOR)



NXCS (NXC-WIZ20 SENSOR)

CATALOG #:



# OTHER LIGHTING CONTROLS

|       |      | Control Option Ordering Logic & Description  |              | Control Option Functionality |              |                      |                        |                  |                   |                              |           |                   |
|-------|------|--|--------------|------------------------------|--------------|----------------------|------------------------|------------------|-------------------|------------------------------|-----------|-------------------|
|       | Co   |  |              | Grouping                     | Scheduling   | Occupancy/<br>Motion | Daylight<br>Harvesting | 0-10V<br>Dimming | On/Off<br>Control | Bluetooth App<br>Programming | Control ( | Option Components |
|       | ODPG | Occupancy sensing, daylight harvesting and task tuning in one device. <sup>1</sup>   | -            | $\checkmark$                 | -            | $\checkmark$         | $\checkmark$           | $\checkmark$     | $\checkmark$      | $\sqrt{3}$                   | 0         | SNS200            |
|       | LVR  | The Vive integral fixture control is a radio frequency (RF) device that controls either Lutron EcoSystem or DALI drivers based on RF input from Pico remote controls, Radio Powr Savr wireless sensors, or Vive hubs. <sup>2</sup> | $\checkmark$ | $\checkmark$                 | $\checkmark$ | -                    | -                      | -                | $\checkmark$      | -                            | 0         | DFCSJ-OEM-RF      |
| Other | LVS  |  | $\checkmark$ | $\checkmark$                 | $\checkmark$ | $\checkmark$         | $\checkmark$           | -                | $\checkmark$      | -                            | 0 0       | DFCSJ-OEM-OCC     |
|       | AWNR | The Athena wireless node is a radio frequency (RF)   | $\checkmark$ | $\checkmark$                 | -            | -                    | -                      | $\checkmark$     | $\checkmark$      | -                            |           | A-WN-D01-RF-WH    |
|       | AWNS | device that enables simple, digital control of individual<br>light fixtures in an Athena control system. <sup>3</sup>  |              | $\checkmark$                 | $\checkmark$ | $\checkmark$         | $\checkmark$           | $\checkmark$     | $\checkmark$      | -                            |           | A-WN-D01-OCC-WH   |

1 Philips MasterConnect App required for field configuration.

2 Lutron Vive Hub required to enable Networking, Grouping and Scheduling.

3 Lutron Athena Hub required to enable Networking, Grouping and Scheduling.

### Philips EasySense Controls ODPG Sensor:

- Occupancy sensing, daylight harvesting, task tuning and grouping in one device
- Standalone control or grouping to wireless switches<sup>1</sup>
- Uses Philips field apps for on site commissioning<sup>2,3</sup>
- Ability to create scenes for various room configurations
- Cost-effective solution for energy-savings and code-compliancy strategies
- DLC® Qualified: Listed on the QPL for Networked Lighting Controls. Please refer to the DLC website for specific product qualifications at www.designlights.org
- 1 Wireless switches only compatible with ODPG Philips EasySense
- 2 Requires android device or IR dongle.



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Lumen

Output

VW

MW

LW

ML

ΗΙ

VL

Lumens

LPW

LPW

Lumens

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LOCATION: DATE:

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# TCAT66

600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

# **CONTROLS (CONTINUED)**

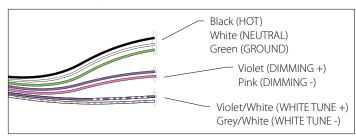
## SpectraSync<sup>™</sup> Color Tuning Technology:

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with distinct SpectraSync™ Color Tuning Technologies.

| SPECTRASYNC COLOR TUNING TECHNOLOGY |             |  |  |  |  |  |
|-------------------------------------|-------------|--|--|--|--|--|
| Mode Kelvin Range Description       |             |  |  |  |  |  |
| Tunable White                       | 2700K-6500K | Offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space |  |  |  |  |

## SpectraSync Tunable White

Available in 2765T (2700K-6500K). Requires two 0–10V controllers, one for intensity and one for CCT. Minimum 5% dimming.



SpectraSync Tunable White luminaires are provided with two 0-10V circuits. The violet and pink circuit is for wiring to any qualified 0–10V controller for dimming. The violet/white and pink/white circuit is for wiring to any qualified 0–10V controller for Tunable White CCT control.

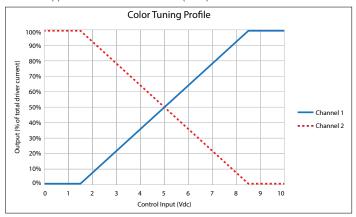
Lumens

LPW

### Controller Manufacturer Data

SpectraSync Tunable White was designed to be used with sinking style dimmers (provided by others) and is compatible with:

- NX Lighting Controls Room Controller (NXRC) and
- In-fixture Controllers (NXFM) • Lutron: DVTV, DVSTV, and NFTV dimmers
- Wattstopper: ADF120277 and CD4BL (Titan) dimmers



To enable scheduling and for use with NX wall control preset stations please refer to NX SpectraSync technical shee

LPW

Lumens

Lumens

LPW

## **DELIVERED LUMENS, SPECTRASYNC™**

Watts



Lumens

LPW

SpectraSync

CATALOG #:

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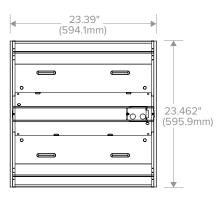


| TOA | TCC        |
|-----|------------|
|     | <b>T66</b> |

600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

## DIMENSIONS

#### GRID



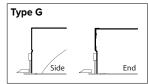


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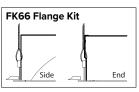
Grid, recessed section

Grid, back of housing

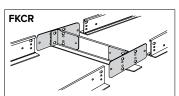
#### CEILING COMPATIBILITY



For lay-in installation in exposed grid ceilings. Maximum tee widths of 25mm and maximum tee heights of 51mm allowed.



For hard ceiling applications, order FK66 flange kit. Flange kit wires directly into concealed ceiling opening for a clean, finished appearance.

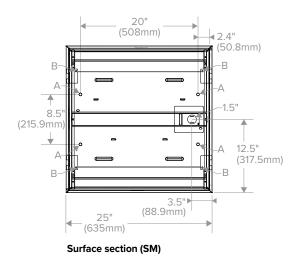


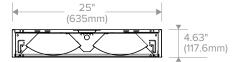
For flanged fixtures in row configurations, the FKCR adapter bracket kit is required in addition to the FK66 kit. Order one less FKCR than the total number of fixtures in row. (Example: Row of two, order (2) FK66 & (1) FKCR)

Row cut out dimensions using FK66s & FKCR adapters: Width 619mm, Length [610mm × (# in row)] + 9.5mm. Example: (610mm × 2) + 9.5mm = 1229mm.

Flange kit cut out dimension for single unit only: 619mm × 619mm

#### SURFACE MOUNT OR CABLE MOUNT





#### Surface Mount (SM) and Cable Mount (CM), back of housing

#### Surface Mount:

Order SM ceiling type. Mounting collar required for surface mounting. (4) Mounting knock-outs, 9.5mm, provided in center channel as indicated at left, marked A.

Cable Mount:

Order CM ceiling type. Use CM48Y2SC3F-KIT 1219mm Cable Mount Kit for 610mm wide CM trim fixtures. Mounting holes are provided in diagonal straps shown at left, marked B.

\* For Cable Mount a 51mm x 76mm access plate with (4) 22mm KOs provided in place of Mounting Collar shown.

NOTE: Dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.



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| DATE: | LOCATION: |
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# TCAT66

600MM X 600MM LED TWIN CONTEMPORARY ARCHITECTURAL TROFFER

# PHOTOMETRY

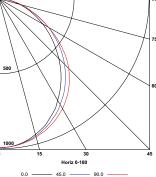
## TCAT66-35LWX-EDU

### LUMINAIRE DATA

| Test No.          | 16556   |  |  |
|-------------------|---|--|--|
| Description       | 600mm × 600mm LED recessed<br>architectural troffer with acrylic<br>refractor |  |  |
| Delivered Lumens  | 2606  |  |  |
| Watts             | 21.60   |  |  |
| Efficacy          | 121   |  |  |
| Mounting          | Recessed  |  |  |
| Spacing Criterion | 0° = 1.17 90° = 1.26  |  |  |

| ZONAL LUMEN SUMMARY |        |             |  |  |  |
|---------------------|--------|-------------|--|--|--|
| Zone                | Lumens | % Luminaire |  |  |  |
| 0–30                | 760    | 29.2        |  |  |  |
| 0-40                | 1232   | 47.3        |  |  |  |
| 0–60                | 2110   | 80.9        |  |  |  |
| 0–90                | 2606   | 100         |  |  |  |
| 0–180               | 2606   | 100         |  |  |  |





# TCAT66-35MLX-EDU

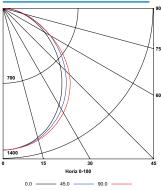
### LUMINAIRE DATA

| Test No.          | 16573   |  |  |
|-------------------|---|--|--|
| Description       | 600mm × 600mm LED recessed<br>architectural troffer with acrylic<br>refractor |  |  |
| Delivered Lumens  | 3476  |  |  |
| Watts             | 30.80   |  |  |
| Efficacy          | 113   |  |  |
| Mounting          | Recessed  |  |  |
| Spacing Criterion | 0° = 1.18 90° = 1.26  |  |  |

## ZONAL LUMEN SUMMARY

| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0–30  | 1013   | 29.1        |
| 0-40  | 1642   | 47.2        |
| 0–60  | 2812   | 80.9        |
| 0-90  | 3476   | 100         |
| 0–180 | 3476   | 100         |

## POLAR GRAPH



## TCAT66-35HLX-EDU

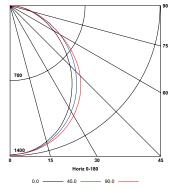
#### LUMINAIRE DATA

| Test No.          | 16576   |  |  |  |
|-------------------|---|--|--|--|
| Description       | 600mm × 600mm LED recessed<br>architectural troffer with acrylic<br>refractor |  |  |  |
| Delivered Lumens  | 3665  |  |  |  |
| Watts             | 29.90   |  |  |  |
| Efficacy          | 123   |  |  |  |
| Mounting          | Recessed  |  |  |  |
| Spacing Criterion | 0° = 1.18 90° = 1.26  |  |  |  |

### ZONAL LUMEN SUMMARY

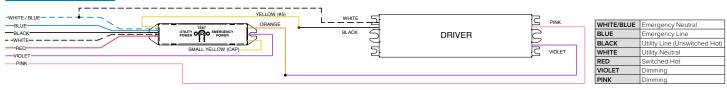
| Zone  | Lumens | % Luminaire |
|-------|--------|-------------|
| 0–30  | 1066   | 29.1        |
| 0-40  | 1728   | 47.1        |
| 0–60  | 2962   | 80.8        |
| 0-90  | 3665   | 100         |
| 0–180 | 3665   | 100         |

### POLAR GRAPH



## ADDITIONAL INFORMATION

#### DTS WIRING DIAGRAM (0-10V DIMMING DRIVER SHOWN)



# Current 🗐

## currentlighting.com/columbialighting

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