

# CONTOUR 3X3 MULTIPLE RECESSED 3LT LED

CNTR33R-3  
LED

## APPLICATION:

Retail & commercial accent & display lighting

## CONSTRUCTION:

Extruded aluminum heat sink  
Stamped aluminum end plates  
Formed steel upper housing  
Powder coat paint, available in over 200 finishes

## ELECTRICAL:

Electronic constant current LED driver  
120v or 277v input  
Dimming down to less than 20%, available on 120v only with ELV (reverse phase) dimming equipment, consult factory for approved device list

This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

## OPTICS:

LED cluster

Color Temp: 2700K, 3000K, 3500K, 4000K

CRI: 85

Life: 50,000 hrs

Lumen Maintenance: >70% of initial lumens @ 50,000 hrs

Lumen output (@ 2700K): 1164 typ Narrow Flood, 1103 typ Medium Flood, 1044 typ Flood 1006 typ Wide Flood

0-45° tilt, 360° rotation

Beam options: Narrow Flood 16°, Medium Flood 24°, Flood 30°, Wide Flood 45°, Very Wide Flood 60°

## MOUNTING:

For use in T-Grid & sheet rock ceiling

## LABELING:

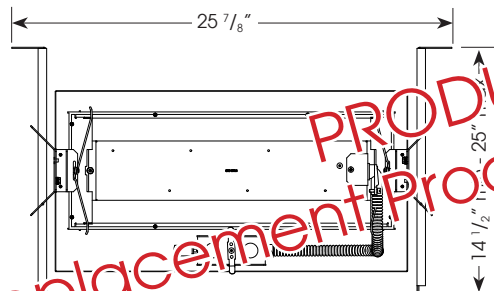
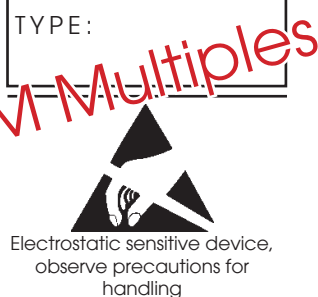


For indoor use only

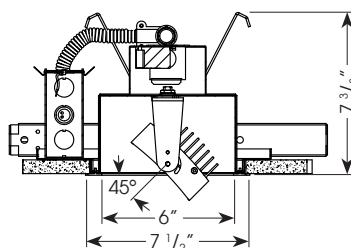
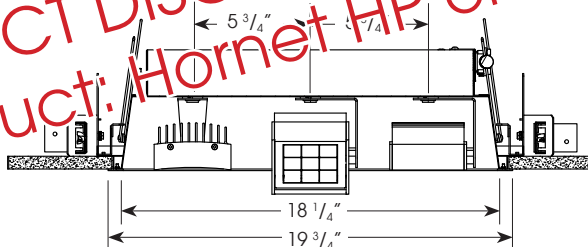


PROJECT:

TYPE:



Ceiling cut out dimension: 7 1/8" x 19 3/8"



## ELECTRICAL

3 x 17w

| Driver          | Operating Watts* | Amps* |
|-----------------|------------------|-------|
| Electronic 120v | 51               | .43   |
| 277v            | 51               | .18   |

Class 2 constant current driver, 600 mA

## ORDERING INFORMATION:

| Model   | # Heads | Wattage | Lamp Type | Driver         | Housing/ Head Finish                                                             | Voltage    | Beam Spread Head 1                    | Head 2                                | Head 3                                | Trim Ring Finish   | Color Temp                   | Options                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|---------|---------|-----------|----------------|----------------------------------------------------------------------------------|------------|---------------------------------------|---------------------------------------|---------------------------------------|--------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CNTR33R | 3       | 17      | LED       | E - electronic | WT - white texture<br>BT - black texture<br>ST - silver texture<br>— (other RAL) | 120<br>277 | NF*<br>MFL*<br>FL*<br>WF<br>VWF<br>SL | NF*<br>MFL*<br>FL*<br>WF<br>VWF<br>SL | NF*<br>MFL*<br>FL*<br>WF<br>VWF<br>SL | WT - white texture | 2700<br>3000<br>3500<br>4000 | DIM-ELV - ELV dimming (120v only)<br><b>Snoot</b> (accepts up to 2 forms of light control media)<br>SN - snoot 1", specify WT, BT, ST finish<br><br><b>Light Control Media</b> (requires snoot)<br>CB - cross blade 1/2" deep, 9 cell, black (B) finish standard<br>HEX - hexcell louver, 1/8"x1/8"<br>SPR - prismatic spread lens (use only with NF, FL)<br>LSPR - linear spread lens (do not use if SL beam spread is specified) |

\*Title 24 Compliant

Example: CNTR33R-1-24-LED-E-WT-120-NF-NF-NF-WT-3000

Cat #:

Amerlux reserves the right to change details that do not affect overall function and performance.



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TYPE:



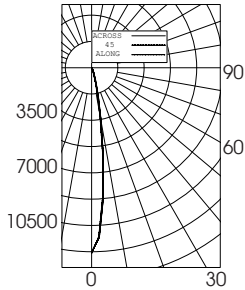
## FIXTURE DATA:

Note: Data per head

Complete photometric data (ies format) available upon request.

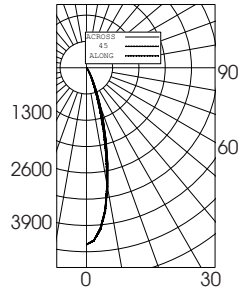
## 17W LED 2700K

NARROW FLOOD 16°  
DISTRIBUTION  
LTL # 227411



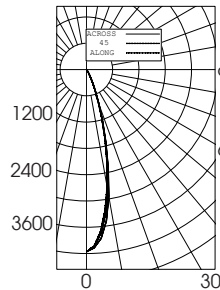
| Candelas at Nadir |         |
|-------------------|---------|
| Deg               | Candela |
| 0                 | 12319   |
| 5                 | 8613    |
| 15                | 1016    |
| 25                | 179     |
| 35                | 39      |
| 45                | 17      |

MEDIUM FLOOD 24°  
DISTRIBUTION  
LTL # 227413



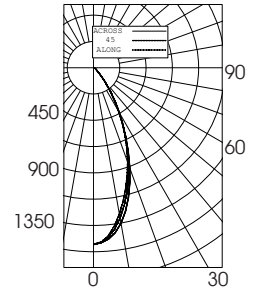
| Candelas at Nadir |         |
|-------------------|---------|
| Deg               | Candela |
| 0                 | 4374    |
| 5                 | 4028    |
| 15                | 1710    |
| 25                | 321     |
| 35                | 69      |
| 45                | 26      |

FLOOD 30°  
DISTRIBUTION  
LTL # 227412



| Candelas at Nadir |         |
|-------------------|---------|
| Deg               | Candela |
| 0                 | 4155    |
| 5                 | 3702    |
| 15                | 1620    |
| 25                | 327     |
| 35                | 60      |
| 45                | 25      |

WIDE FLOOD 45°  
DISTRIBUTION  
LTL # 227414

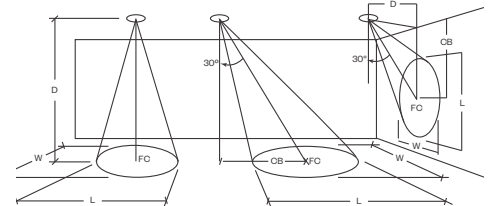


| Candelas at Nadir |         |
|-------------------|---------|
| Deg               | Candela |
| 0                 | 1512    |
| 5                 | 1444    |
| 15                | 1066    |
| 25                | 638     |
| 35                | 258     |
| 45                | 67      |

## APPLICATION DATA:

### Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).  
D=Distance to floor or wall.  
FC=Footcandles on floor or wall at center beam aiming location.  
L=Effective Visual Beam length in feet (50% of maximum footcandle level).  
W=Effective Visual Beam width in feet (50% of maximum footcandle level).  
CB=Distance across or down to center beam location.



|                 | 0° Aiming Angle<br>Horizontal<br>Footcandles |     |     |     |  | 30° Aiming Angle<br>Horizontal<br>Footcandles |     |      |      |     | 30° Aiming Angle<br>Vertical<br>Footcandles |     |     |     |     | 60° Aiming Angle<br>Vertical<br>Footcandles |     |     |     |     |
|-----------------|----------------------------------------------|-----|-----|-----|--|-----------------------------------------------|-----|------|------|-----|---------------------------------------------|-----|-----|-----|-----|---------------------------------------------|-----|-----|-----|-----|
|                 | D                                            | FC  | L   | W   |  | D                                             | FC  | L    | W    | CB  | D                                           | FC  | L   | W   | CB  | D                                           | FC  | L   | W   | CB  |
| NARROW<br>FLOOD | 5.0'                                         | 301 | 1.6 | 1.7 |  | 5.0'                                          | 222 | 2.1  | 1.8  | 3.0 | 3.0'                                        | 150 | 2.9 | 1.8 | 5.0 | 3.0'                                        | 410 | 1.6 | 1.4 | 2.0 |
|                 | 7.5'                                         | 173 | 2.2 | 2.3 |  | 7.5'                                          | 125 | 2.7  | 2.5  | 4.0 | 4.0'                                        | 92  | 3.8 | 2.3 | 6.0 | 4.0'                                        | 299 | 1.9 | 1.6 | 2.0 |
|                 | 10.0'                                        | 108 | 2.8 | 2.9 |  | 10.0'                                         | 71  | 3.6  | 3.2  | 6.0 | 5.0'                                        | 64  | 4.4 | 2.7 | 8.0 | 5.0'                                        | 222 | 2.1 | 1.8 | 3.0 |
|                 | 12.5'                                        | 72  | 3.5 | 3.4 |  | 12.5'                                         | 49  | 4.2  | 3.8  | 7.0 | 6.0'                                        | 45  | 5.3 | 3.1 | 9.0 | 6.0'                                        | 159 | 2.5 | 2.2 | 3.0 |
| MEDIUM<br>FLOOD | 5.0'                                         | 158 | 2.4 | 2.5 |  | 5.0'                                          | 106 | 3.0  | 2.8  | 3.0 | 3.0'                                        | 83  | 3.4 | 2.4 | 4.0 | 3.0'                                        | 243 | 2.1 | 1.8 | 2.0 |
|                 | 7.5'                                         | 76  | 3.3 | 3.5 |  | 7.5'                                          | 53  | 4.2  | 3.9  | 4.0 | 4.0'                                        | 48  | 4.5 | 3.2 | 5.0 | 4.0'                                        | 170 | 2.3 | 2.3 | 2.0 |
|                 | 10.0'                                        | 44  | 4.4 | 4.6 |  | 10.0'                                         | 30  | 5.5  | 5.1  | 5.0 | 5.0'                                        | 32  | 5.6 | 3.8 | 7.0 | 5.0'                                        | 107 | 3.0 | 2.8 | 3.0 |
|                 | 12.5'                                        | 28  | 5.6 | 5.7 |  | 12.5'                                         | 20  | 6.9  | 6.4  | 6.0 | 6.0'                                        | 23  | 6.7 | 4.6 | 8.0 | 6.0'                                        | 80  | 3.4 | 3.1 | 3.0 |
| FLOOD           | 5.0'                                         | 149 | 2.4 | 2.5 |  | 5.0'                                          | 100 | 3.0  | 2.8  | 3.0 | 3.0'                                        | 77  | 3.5 | 2.5 | 4.0 | 3.0'                                        | 230 | 2.1 | 1.8 | 2.0 |
|                 | 7.5'                                         | 72  | 3.4 | 3.5 |  | 7.5'                                          | 50  | 4.1  | 3.9  | 4.0 | 4.0'                                        | 45  | 4.7 | 3.2 | 5.0 | 4.0'                                        | 161 | 2.3 | 2.3 | 2.0 |
|                 | 10.0'                                        | 41  | 4.4 | 4.6 |  | 10.0'                                         | 28  | 5.5  | 5.2  | 5.0 | 5.0'                                        | 29  | 5.8 | 4.0 | 7.0 | 5.0'                                        | 101 | 3.0 | 2.8 | 3.0 |
|                 | 12.5'                                        | 27  | 5.5 | 5.7 |  | 12.5'                                         | 18  | 6.9  | 6.5  | 6.0 | 6.0'                                        | 21  | 6.9 | 4.7 | 8.0 | 6.0'                                        | 76  | 3.4 | 3.2 | 3.0 |
| WIDE<br>FLOOD   | 5.0'                                         | 62  | 3.5 | 3.6 |  | 5.0'                                          | 44  | 4.1  | 3.9  | 2.0 | 3.0'                                        | 43  | 3.9 | 3.1 | 3.0 | 3.0'                                        | 108 | 2.7 | 2.6 | 1.0 |
|                 | 7.5'                                         | 28  | 5.2 | 5.4 |  | 7.5'                                          | 20  | 6.1  | 6.0  | 3.0 | 4.0'                                        | 25  | 5.0 | 4.2 | 4.0 | 4.0'                                        | 70  | 3.3 | 3.3 | 2.0 |
|                 | 10.0'                                        | 16  | 6.9 | 7.2 |  | 10.0'                                         | 11  | 8.1  | 8.0  | 4.0 | 5.0'                                        | 16  | 6.3 | 5.3 | 5.0 | 5.0'                                        | 45  | 4.1 | 4.0 | 2.0 |
|                 | 12.5'                                        | 10  | 8.8 | 9.1 |  | 12.5'                                         | 7   | 10.4 | 10.3 | 5.0 | 6.0'                                        | 11  | 7.7 | 6.5 | 6.0 | 6.0'                                        | 31  | 5.0 | 4.9 | 3.0 |