

Contour[®]

3x3

Track Head



Features

Architecturally styled with a mix of soft curves and shape edges, Contour 3x3 offers high performance accent lighting for retail and supermarket displays. Delivering lumens equivalent to many 20W metal halide systems. Contour offers excellent beam control and aesthetics.

Product Overview

Type:	Track Accent & Display
Wattage:	17
Lumen Output:	1,164 max; 68.5 Lm/W (NF optic)
CBCP:	12,319 max (NF optic)
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	83 typ. (2700K, 3000K, 3500K, 4000K)
Dimming:	Optional ELV (120V only)

PROJECT:

TYPE:

Fixture Summary *(see following pages for more information)*

Performance Chart

Watts	Delivered Lumens	LPW	CBCP	Color Temp
17	1164	68.5	12,319	2700K-83

Data is based on 2700K-83 120V IES files available on website

Data is based on Narrow Flood optic

See pg 5 for other beam spreads

Electrical Data

	17W	
	System Watts	Amps
120V	17	0.14
277V	17	0.06

Electronic constant current LED driver



5 year limited warranty
AMERLUX LED



PROJECT:

TYPE:

Ordering Information




1 Model
CNTRV33

2 Wattage
17

3 Finish
WT - white texture
BT - black texture
ST - silver texture
Other finishes, consult factory

4 Mounting
TN1 - Global GES 1cir/H-Style, 120V
TEK - Global TEK 2cir/2neut, 120V
TN3 - Global XTS 3cir, 120V
TN2 - Global HTEK 2cir/2neut, 277V
CT - J-Style, 120V
LOL - L-Style, 120V
CPR - Capri, 120V
B* - busway, 120V or 277V
C - canopy, 120V or 277V
CCL2-SCP - C-clamp, black, with straight cord**, 6', 120V
CCL2-CCP - C-clamp, black, with coil cord**, 5', 120V
Notes: *Busway compact series B40,B60c only, consult factory for other busway adapters. Black busway adapter used for ST finish
**Black cord used for BT & ST finish, White cord used for WT finish

5 Voltage
120
277

6 Beam Spreads
NF - narrow flood, 16° (Title 24 Compliant)
MFL - medium flood, 24° (Title 24 Compliant)
FL - flood, 30° (Title 24 Compliant)
WF - wide flood, 45°
VWF - very wide flood, 60°
WW - wall wash, 90° x 60° 

7 Color Temp
83 CRI:
27 - 2700K-83
30 - 3000K-83
35 - 3500K-83
40 - 4000K-83

8 Driver
ND - non-dimming driver
ELV - ELV dimming, 120V only

9 Options/Accessories
(not available for use with WW beam spread)
SN - snoot, 1" length, accepts up to 2 accessories
CB* - crossv blade 1/2" deep, 9 cell, black finish
HEX* - hexcell louver (1/8" x 1/8")
SPR* - prismatic spread lens (use with NF or FL beam spreads only)
LSPR* - linear spread lens (do not use if SL beam spread is specified, not available for use with WW beam spread)
* Requires Snoot option



Note: See page 6 for Energy Star approved model numbers.

Contour[®] 3X3

Track Head



PROJECT:

TYPE:

Specifications

Application

Retail, Grocery and Commercial accent and display lighting

Construction

Extruded aluminum driver housing & heat sink
Stamped aluminum end plates
Formed steel wire cover

Optical

0-90° tilt, 360° rotation
Beam spreads: Narrow Flood, 16°; Medium Flood, 24°
Flood, 30°; Wide Flood, 45°; Very Wide Flood, 60°;
Wall Wash, 90°x 60° optic film

LED

Color Temp Options:
2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
R9 Values: 11 (83 CRI)
Binning: 3 MacAdam (SDCM)
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 17
Electronic constant current LED driver, 120V/277V input
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 and over voltage damage is not covered under warranty.

Driver

Optional dimming driver available, Trailing Edge (ELV, Reverse Phase) only dimming to less than 10%, 120V only

Finish

Powder coat paint.
Standard colors: White Texture, Black Texture, Silver Texture
Consult factory for custom RAL powder coat finishes

Mounting

Track, canopy, c-clamp and busway.
See ordering information for all available options.
Note: Recommend track fixture mounting to horizontal surface mounted/pendant mounted track only

Certifications

Approved to UL standards as tested by CSA.
Intended for indoor use only.

Warranty

Amerlux's 5 year limited warranty. Please consult Amerlux website for details.

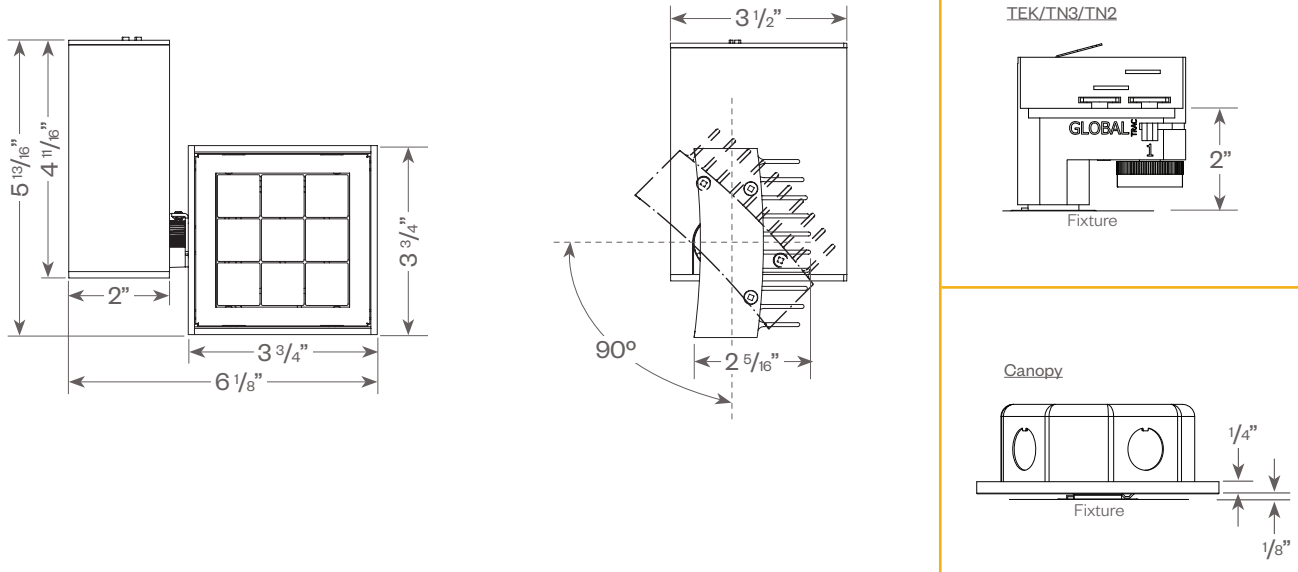
Contour[®] 3X3

Track Head

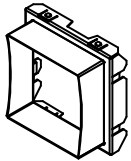


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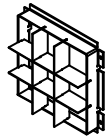
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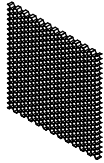
Accessories



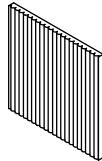
Snoot



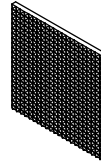
Cross Blade



Hexcell Louver



Linear Spread Lens



Prismatic Lens

Contour® 3X3

Track Head



PROJECT:

TYPE:

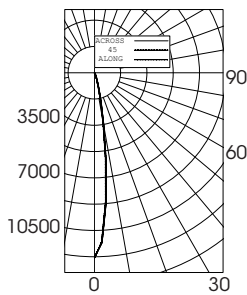
FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

MULTIPLYING FACTORS: (Multiplying Factor is based on 2700K-83 120V IES file on website)

CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	1.0	1.04	1.06	1.08

17W LED, 2700K

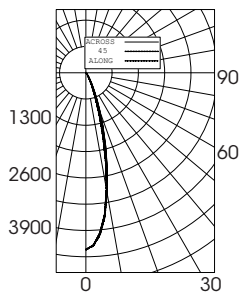
Narrow Flood 16° Distribution
LTL # 227411
Lumens: 1,164



Candelas at Nadir

Deg	Candela
0	12319
5	8613
15	1016
25	179
35	39
45	17

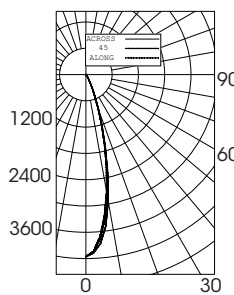
Medium Flood 24° Distribution
LTL # 227413
Lumens: 1,103



Candelas at Nadir

Deg	Candela
0	4374
5	4028
15	1710
25	321
35	69
45	26

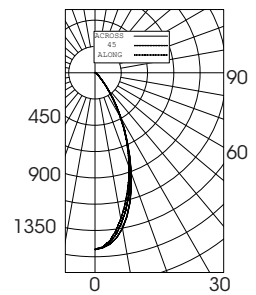
Flood 30° Distribution
LTL # 227412
Lumens: 1,044



Candelas at Nadir

Deg	Candela
0	4155
5	3702
15	1620
25	327
35	60
45	25

Wide Flood 45° Distribution
LTL # 227414
Lumens: 1,006



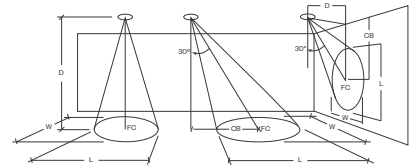
Candelas at Nadir

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 Horizontal Footcandles				30° Aiming Angle Horizontal Footcandles					30° Aiming Angle Vertical Footcandles					60° Aiming Angle Vertical Footcandles				
	D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB	D	FC	L	W	CB
Narrow 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 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 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

PROJECT:

TYPE:

ENERGY STAR APPROVED MODEL NUMBERS:



Certificate of Conformance

Energy Efficiency Certification

UL conducted an independent evaluation on behalf of:

Amerlux Global Lighting Solutions

178 Bauer Dr., Oakland, NJ 07436

for the following products:

Indoor Directional Luminaires

Brand: Amerlux

Model Name: Contour

Model Number: CNTRV33-17-LED-
E-XX-YYY-120/277-ZZ-3000-TTT

Additional Model Numbers:
CNTRV33-17-LED-E-XX-YYY-
120/277-ZZ-3500-TTT, CNTRV33-17-
LED-E-XX-YYY-120/277-ZZ-4000-TTT

This product meets all of the necessary
qualifications pursuant to:

ENERGY STAR[®] Program Requirements for
Luminaires, Version 2.0



2016-08-09

Certification Date

N/A

Certification Revision Date



Issued by

11349407

UL Product Number

00-V5-F0418, Version 2.0. This is to certify that representative samples of the Certified Product(s) listed above have been investigated by UL to the Standard(s) indicated on this certificate, in accordance with the UL Global Services Agreement and the EEC Terms & Conditions ("Agreement"). The Certificate Holder is entitled to use the UL Energy Verified Mark for the Certified Product(s) listed on the certificate and manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate shall remain valid unless a Standard identified on this Certificate is amended or withdrawn prior to that date or these is a non-compliance with the Agreement.