

# Contour<sup>®</sup> 4x4

## Track Head



PROJECT:

TYPE:

### Features

The Contour fixtures are built to last with replaceable LED drivers and LEDs, making them durable and **sustainable choices** for your lighting needs. Contour 4x4 represents the most powerful LED track accent on the market and is ideal for punching through high ambient light levels as well as applications where mounting heights exceed 10'. High performance optics and excellent thermal design delivers superior performance.



CNTRV44

### Product Overview

Type: Track Accent & Display  
Wattage: 32W  
Color Temp: 2700K, 3000K, 3500K, 4000K  
CRI: 83 typ.  
Dimming: Optional ELV (120V only)

**DISCONTINUED**  
Replacement product: SPEQ Family

### Certifications



### Fixture Summary

#### Performance Data

Watts	Delivered Lumens	LPW	CBCP	Color Temp-CRI
32	2221	69.4	22,906	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 spread performance.

#### Electrical Data

32W		
Voltage	System Watts	Amps
120V	32	0.27
277V	32	0.12

Electronic constant current LED driver

# Contour<sup>®</sup> 4x4

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### Ordering Information

CNTRV44

32

1

2

3

4

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1	Model	2	Wattage	3	Finish	
	CNTRV44		32		<b>WT</b> white texture <b>BT</b> black texture <b>ST</b> silver texture <i>Other finishes, consult factory</i>	
4	Mounting		5	Voltage	6	Beam Spread
	<u>Vertical</u> <b>TN1</b> Global GES 1cir/H-Style, 120V <b>TEK</b> Global TEK 2cir/2neut, 120V <b>TN3</b> Global XTS 3cir, 120V <b>TN2</b> Global HTEK 2cir/2neut, 277V <b>CT</b> J-Style 1 or 2 cir, 120V <b>LOL</b> L-Style 1cir, 120V <b>CPR</b> Capri 1cir, 120V <b>C</b> canopy, 120V or 277V <b>CCL2-SOP</b> C-clamp, black, with straight cord*, 6' 120V <b>CCL2-CCP</b> C-clamp, black, with coil cord*, 5' 120V <i>Notes: * Black cord used for BT &amp; ST finish, White cord used for WT finish.</i>			<b>120</b> <b>277</b>	<b>NF</b> narrow flood, 16° <b>MFL</b> medium flood, 24° <b>FL</b> flood, 30° <b>WF</b> wide flood, 45° <b>VWF</b> very wide flood, 60° <b>WW</b> wall wash, 90°x60°	
7	Color Temp	8	Driver	9	Options/Accessories	
	<b>83</b> CRI <b>27</b> 2700K-83 <b>30</b> 3000K-83 <b>35</b> 3500K-83 <b>40</b> 4000K-83		<b>ND</b> non-dimming driver <b>ELV</b> ELV dimming, 120V only		<i>(not available for use with WW beam spread)</i> <b>SN</b> snoot, 1" length, accepts up to 2 accessories <b>CB*</b> cross blade 1/2" deep, 16 cell, black finish <b>HEX*</b> hexcell louver (1/8"x1/8") <b>SPR*</b> prismatic spread lens <i>(use with NF or FL beam spreads only)</i> <b>LSPR*</b> linear spread lens <i>(do not use if SL beam spread is specified)</i> * Requires Snoot option	

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### 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.  
R9 Values: 11 (83 CRI)  
Binning: 3 MacAdam (SDCM)  
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

#### Electrical

Wattage: 32W  
Electronic constant current LED driver, 120V/277V input  
***This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux<sup>®</sup> 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 5%, 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 and c-clamp.  
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<sup>®</sup> 4x4

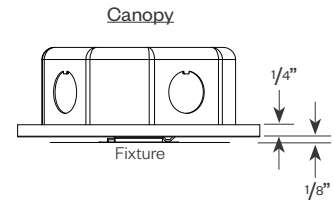
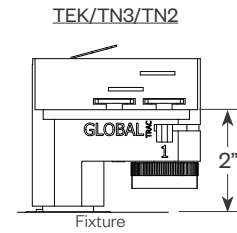
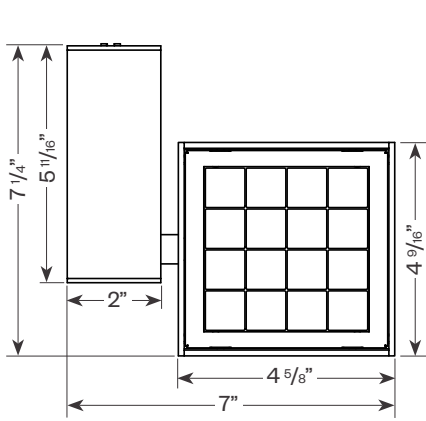
Track Head



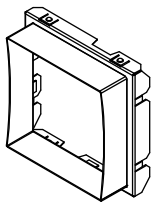
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TYPE:

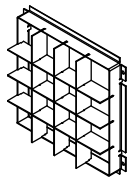
## Product Details



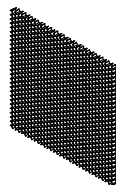
## Accessories



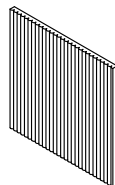
Shoot



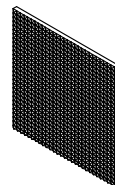
Cross Blade



Hexcell Louver



Linear Spread Lens



Prismatic Lens

PROJECT:

TYPE:

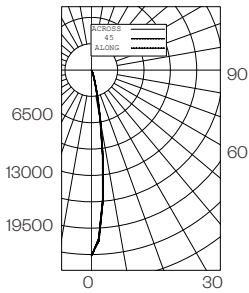
### Performance Data

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

### 32W LED, 2700K-83

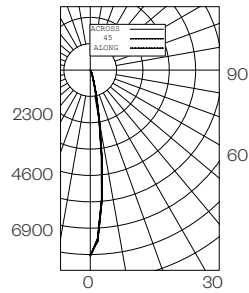
**NARROW FLOOD (NF) 16°  
DISTRIBUTION  
LTL # 227548**



**Candelas at Nadir**

Deg	Candela
0	22906
5	16340
15	2244
25	410
35	77
45	35

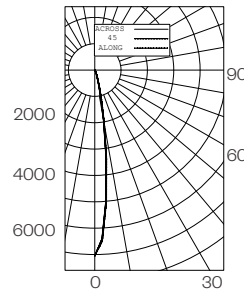
**MEDIUM FLOOD (MFL) 24°  
DISTRIBUTION  
LTL # 227550**



**Candelas at Nadir**

Deg	Candela
0	8130
5	7411
15	3413
25	831
35	192
45	65

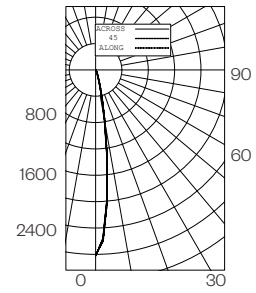
**FLOOD (FL) 30°  
DISTRIBUTION  
LTL # 227549**



**Candelas at Nadir**

Deg	Candela
0	6950
5	6511
15	2927
25	622
35	112
45	45

**WIDE FLOOD (WF) 45°  
DISTRIBUTION  
LTL # 227696**



**Candelas at Nadir**

Deg	Candela
0	2773
5	2688
15	2067
25	1154
35	453
45	132

### Application Data

**Notes and Definitions:**

Beam spread is to 50% center beam candlepower (CBCP).

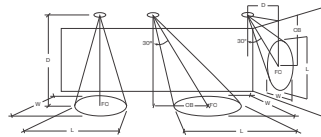
D=Distance to floor or wall.

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**

	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'	565	1.7	1.6	5.0'	415	2.1	1.8	3.0	3.0'	278	3.0	1.8	5.0	3.0'	767	1.6	1.4	2.0
	7.5'	322	2.3	2.2	7.5'	232	2.8	2.5	4.0	4.0'	173	3.9	2.2	6.0	4.0'	563	2.0	1.5	5.0
	10.0'	200	2.9	2.8	10.0'	132	3.7	3.2	6.0	5.0'	119	4.6	2.7	8.0	5.0'	414	2.2	1.8	3.0
	12.5'	134	3.4	3.3	12.5'	91	4.4	3.8	7.0	6.0'	85	5.5	3.1	9.0	6.0'	300	2.5	2.1	3.0
Medium Flood	5.0'	293	2.5	2.4	5.0'	197	3.1	2.7	3.0	3.0'	154	3.6	2.3	4.0	3.0'	449	2.1	1.7	2.0
	7.5'	141	3.4	3.3	7.5'	98	4.3	3.7	4.0	4.0'	90	4.7	3.0	5.0	4.0'	316	2.4	2.1	2.0
	10.0'	81	4.6	4.5	10.0'	56	5.7	4.9	5.0	5.0'	58	5.8	3.7	7.0	5.0'	198	3.1	2.7	3.0
	12.5'	52	5.7	5.5	12.5'	36	7.1	6.2	6.0	6.0'	42	7.0	4.4	8.0	6.0'	149	3.5	3.0	3.0
Flood	5.0'	253	2.5	2.4	5.0'	170	3.1	2.7	3.0	3.0'	137	3.5	2.4	4.0	3.0'	390	2.1	1.8	2.0
	7.5'	121	3.5	3.4	7.5'	85	4.4	3.7	4.0	4.0'	81	4.5	3.0	5.0	4.0'	274	2.4	2.2	2.0
	10.0'	70	4.7	4.5	10.0'	49	5.7	4.9	5.0	5.0'	52	5.6	3.8	6.0	5.0'	171	3.2	2.7	3.0
	12.5'	45	5.8	5.5	12.5'	32	7.2	6.1	6.0	6.0'	37	6.8	4.4	8.0	6.0'	130	3.6	3.1	3.0
Wide Flood	5.0'	113	3.6	3.5	5.0'	83	4.1	3.7	2.0	3.0'	80	3.8	3.1	3.0	3.0'	198	2.7	2.5	1.0
	7.5'	51	5.3	5.1	7.5'	38	6.1	5.5	3.0	4.0'	47	4.8	3.9	4.0	4.0'	128	3.3	3.2	2.0
	10.0'	29	7.1	6.8	10.0'	22	8.0	7.3	4.0	5.0'	30	6.0	4.9	5.0	5.0'	85	4.1	3.7	2.0
	12.5'	18	8.9	8.5	12.5'	14	10.3	9.4	5.0	6.0'	21	7.3	6.0	6.0	6.0'	57	5.0	4.6	2.0

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## Performance Data (continued)

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

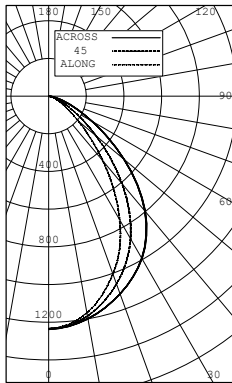
CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	1.0	1.04	1.06	1.08

Contour 4x4 Vertical Wall Wash 32W, 2700K

Source: 16 white LEDs Lumens: 2082

Recessed

LTL# 368479



### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	880	42.27
0-40	1346	64.64
0-60	1932	92.78
0-90	2082	100.0
40-90	736	35.36
60-90	150	7.22
90-180	0	0.0
0-180	2082	100.0

Efficacy (lpw) = 60.7%

## Application Data

Footcandles on Wall

Footcandles are average and rounded off.  
Data for multiple units are based on a minimum of five units.

3' off wall, 3' o.c., 30° tilt

Distance from Fixture	1'	2'	3'	4'	5'	6'	7'	8'	9'
1'	61	60	61	61	60	60	60	60	60
2'	87	87	88	89	88	87	87	87	87
3'	83	84	85	85	85	84	83	83	83
4'	65	67	67	68	67	66	65	65	65
5'	49	50	51	51	51	50	49	49	49
6'	36	37	38	38	38	37	36	36	36
7'	28	29	29	29	29	29	28	28	28
8'	22	22	23	23	23	22	22	22	22
9'	18	18	19	19	19	18	18	18	18

4' off wall, 4' o.c., 30° tilt

Distance from Fixture	1'	2'	3'	4'	5'	6'	7'	8'	9'
1'	31	31	30	31	31	30	30	30	31
2'	48	47	47	47	48	47	47	47	47
3'	54	54	54	54	54	54	54	54	54
4'	50	50	50	50	50	49	49	49	49
5'	42	42	42	43	43	42	42	42	41
6'	34	35	35	35	35	35	35	35	34
7'	28	29	29	29	29	29	29	28	28
8'	23	24	24	24	24	24	24	23	23
9'	20	20	20	21	20	20	20	20	20

4' off wall, 5' o.c., 30° tilt

Distance from Fixture	1'	2'	3'	4'	5'	6'	7'	8'	9'
1'	25	24	22	23	24	25	24	23	25
2'	38	37	35	35	37	38	37	35	38
3'	42	42	41	41	42	42	42	41	42
4'	39	39	39	39	39	40	40	39	39
5'	33	34	34	34	34	34	34	34	34
6'	28	28	28	28	28	28	28	28	28
7'	22	23	23	23	23	23	23	23	22
8'	18	19	19	19	19	19	19	19	19
9'	16	16	16	16	16	16	16	16	16