

Contour[®] 3x4

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. Architecturally styled with a mix of soft curves and shape edges, Contour 3x4 offers high performance accent lighting for retail and supermarket displays. Delivering lumens equivalent to many 39W metal halide systems. Contour offers excellent beam control and aesthetics.



CNTRV34

Product Overview

Type: Track Accent & Display
Wattage: 24W
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
24	1551	64.6	15,856	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

24W		
Voltage	System Watts	Amps
120V	24	0.20
277V	24	0.08

Electronic constant current LED driver.

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Ordering Information

CNTRV34

24

1

2

3

4


5

6

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9

1	Model	2	Wattage	3	Finish	
	CNTRV34		24		WT white texture BT black texture ST silver texture <i>Other finishes, consult factory</i>	
4	Mounting		5	Voltage	6	Beam Spread
	<u>Vertical</u> 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 1 or 2 cir, 120V LOL L-Style 1cir, 120V CPR Capri 1cir, 120V C canopy, 120V or 277V CCL2-SOP C-clamp, black, with straight cord*, 6' 120V CCL2-CCP C-clamp, black, with coil cord*, 5' 120V <i>Notes: * Black cord used for BT & ST finish, White cord used for WT finish.</i>			120 277	NF narrow flood, 16° MFL medium flood, 24° FL flood, 30° WF wide flood, 45° VWF very wide flood, 60° WW wall wash, 90°x60° 	
7	Color Temp	8	Driver	9	Options/Accessories	
	83 CRI 27 2700K-83 30 3000K-83 35 3500K-83 40 4000K-83		ND non-dimming driver ELV ELV dimming, 120V only		<i>(not available for use with WW beam spread)</i> SN snoot, 1" length, accepts up to 2 accessories CB* cross blade 1/2" deep, 12 cell, black finish HEX* hexcell louver (1/8"x1/8") SPR* prismatic spread lens <i>(use with NF or FL beam spreads only)</i> LSPR* linear spread lens <i>(do not use if SL beam spread is specified)</i> <i>* Requires Snoot option</i>	

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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: 24W
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 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[®] 3x4

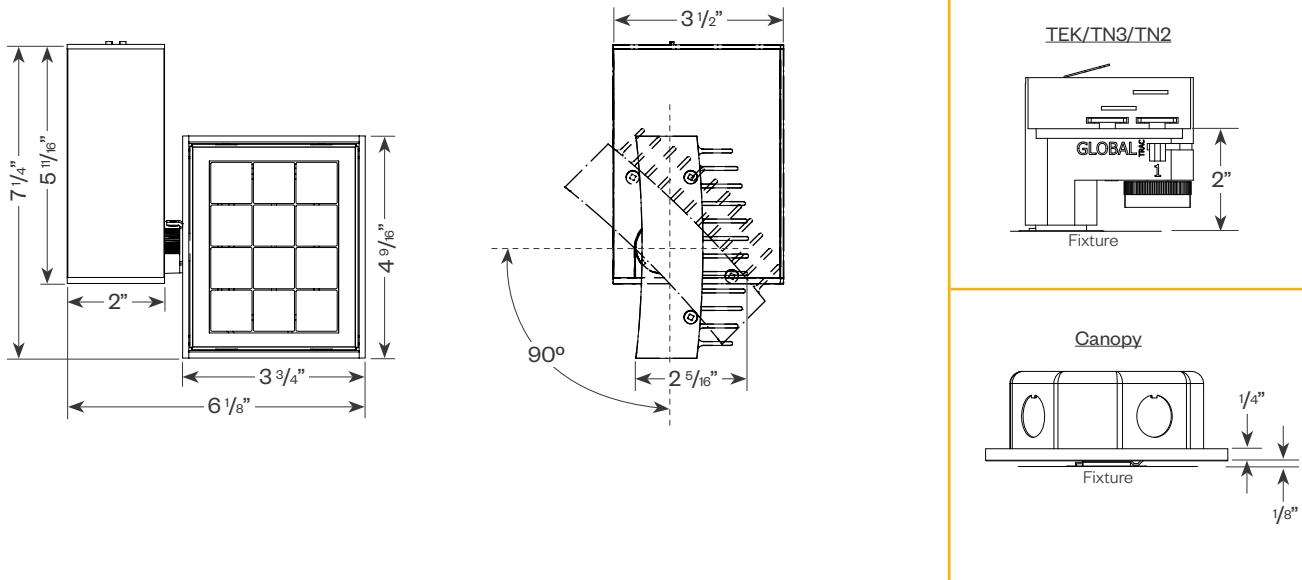
Track Head



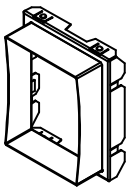
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TYPE:

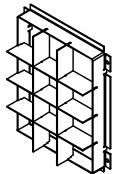
Product Details



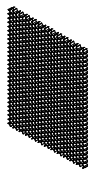
Accessories



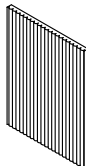
Shoot



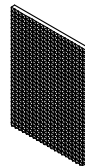
Cross Blade



Hexcell Louver



Linear Spread Lens



Prismatic Lens

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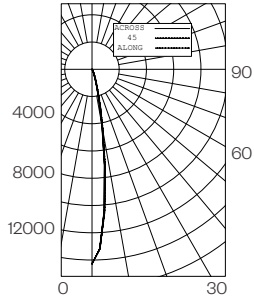
Performance Data

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

24W LED, 2700K-83

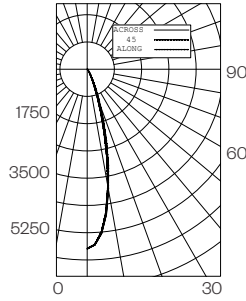
Narrow Flood 16° Distribution
LTL # 335540
Lumens: 1,551



Candelas at Nadir

Deg	Candela
0	15856
5	11225
15	1588
25	293
35	59
45	27

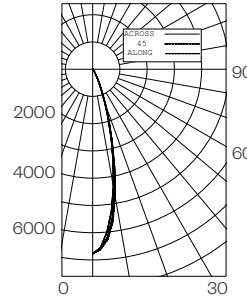
Medium Flood 24° Distribution
LTL # 227543
Lumens: 1,631



Candelas at Nadir

Deg	Candela
0	6589
5	5977
15	2715
25	665
35	149
45	50

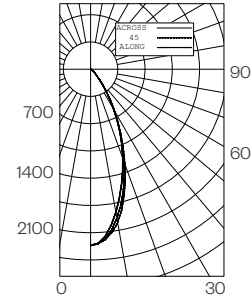
Flood 30° Distribution
LTL # 227542
Lumens: 1,517



Candelas at Nadir

Deg	Candela
0	5924
5	5500
15	2414
25	519
35	96
45	38

Wide Flood 45° Distribution
LTL # 227546
Lumens: 1,448



Candelas at Nadir

Deg	Candela
0	2263
5	2197
15	1670
25	913
35	350
45	101

Application Data

Notes and Definitions:

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

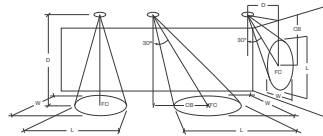
D=Distance to floor or wall.

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'	363	1.7	1.7	5.0'	267	2.2	1.8	3.0	3.0'	177	3.1	1.8	5.0	3.0'	489	1.7	1.4	2.0	4.0'	362	2.0	1.6	2.0
	7.5'	209	2.3	2.3	7.5'	152	2.9	2.6	4.0	4.0'	113	3.9	2.3	6.0	4.0'	266	2.3	1.9	3.0	5.0'	266	2.3	1.9	3.0
	10.0'	131	2.9	2.9	10.0'	87	3.8	3.2	6.0	5.0'	78	4.8	2.7	8.0	5.0'	195	2.6	2.2	3.0	6.0'	195	2.6	2.2	3.0
	12.5'	89	3.5	3.5	12.5'	61	4.4	3.8	7.0	6.0'	56	5.6	3.1	9.0										
Medium Flood	5.0'	239	2.4	2.3	5.0'	145	3.2	2.8	3.0	3.0'	114	3.7	2.4	4.0	3.0'	320	2.2	1.8	2.0	4.0'	229	2.5	2.3	2.0
	7.5'	115	3.4	3.3	7.5'	75	4.4	3.8	4.0	4.0'	68	4.8	3.1	5.0	4.0'	146	3.2	2.8	3.0	5.0'	146	3.2	2.8	3.0
	10.0'	66	4.5	4.4	10.0'	43	5.8	5.0	5.0	5.0'	44	6.0	3.8	7.0	5.0'	111	3.6	3.1	3.0	6.0'	111	3.6	3.1	3.0
	12.5'	42	5.6	5.5	12.5'	28	7.1	6.3	6.0	6.0'	32	7.2	4.5	8.0										
Flood	5.0'	216	2.5	2.4	5.0'	131	3.8	3.2	3.0	3.0'	105	3.6	2.5	4.0	3.0'	290	2.2	1.9	2.0	4.0'	208	2.5	2.3	2.0
	7.5'	104	3.4	3.3	7.5'	67	4.5	3.9	4.0	4.0'	63	4.7	3.1	5.0	4.0'	132	3.3	2.8	3.0	5.0'	132	3.3	2.8	3.0
	10.0'	60	4.6	4.4	10.0'	39	5.8	5.0	5.0	5.0'	41	5.9	3.9	6.0	5.0'	101	3.7	3.2	3.0	6.0'	101	3.7	3.2	3.0
	12.5'	38	5.7	5.5	12.5'	26	7.1	6.2	6.0	6.0'	30	7.0	4.5	8.0										
Wide Flood	5.0'	93	3.5	3.4	5.0'	61	4.3	3.8	2.0	3.0'	59	4.0	3.2	3.0	3.0'	142	2.9	2.6	1.0	4.0'	92	3.5	3.3	2.0
	7.5'	42	5.2	5.0	7.5'	29	6.2	5.6	3.0	4.0'	35	4.9	4.0	4.0	4.0'	63	4.3	3.8	2.0	5.0'	63	4.3	3.8	2.0
	10.0'	24	7.0	6.7	10.0'	17	8.2	7.4	4.0	5.0'	23	6.3	5.0	5.0	5.0'	43	5.2	4.7	3.0	6.0'	43	5.2	4.7	3.0
	12.5'	15	8.8	8.4	12.5'	11	10.4	9.4	5.0	6.0'	16	7.6	6.1	6.0										



Delta Intelligent Building Technologies