

STRATA

Layered Lighting Control



A precision track head platform with tiered optical control.

STRATA is a track head system built around interchangeable optical modules. Fixed, zoom, and framing configurations change the beam at the fixture—adjusting spread, cutting edges, or projecting patterns without replacing the head. One platform covers focused accents, broader coverage, and shaped projection using the same fixture body.



STRATA™ Glare Controls

INTRODUCTION

STRATA is a track head system built around interchangeable optical modules. Fixed, zoom, and framing configurations change the beam at the fixture—adjusting spread, cutting edges, or projecting patterns without replacing the head. **One platform covers focused accents, broader coverage, and shaped projection using the same fixture body.**

DESIGNED FOR:

- Artwork
- Objects
- Materials
- Display Environments



fixed lens. (FX)

- available in:
- 15°, 20°, 35°, 40°
- thread-on installation

zoomable lens. (ZM)

- adjustable distribution
- from 10° – 50°
- thread-on installation

framing projector. (FR)

- available in:
- 25°-40°; 50°-60°
- thread-on installation

SPECIFICATIONS DATA	
Lumens	1000 lm – 2400 lm (Optic Dependent)
Input Voltage	120–277V
CCT	2700K / 3000K / 3500K / 4000K
CRI	90+ / 97+ (Tested Ra 97.3–97.5)
Color Quality	1–3 SDCM (Tested Range)
Optics	15° / 20° / 35° / 40° / Zoom 10°–50° / Framing
Wattage	30W (Measured ~31.3W)
Finishes	Black (BK), White (WH)
Rotation	355°
Adjustability	90° Tilt
Dimming & Control	0–10V / DALI / CASAMBI / TRIAC
Technologies	Static White / Tunable White
Photometric Test	IES LM-79-08 / LM80 / TM-30 (Supplier Standard)
Lumen Maintenance	L70 @ 50,000h+
Glare Control	Accessory Dependent (Snoot / Grid / Lens)
Listings	ETL / UL Pending Confirmation
Decibel Rating	<21 dB
Warranty	5 Years



The result is defined by the combination at the head, not a fixed output.

I. BODY & LED ORDERING GUIDE (REQUIRED)

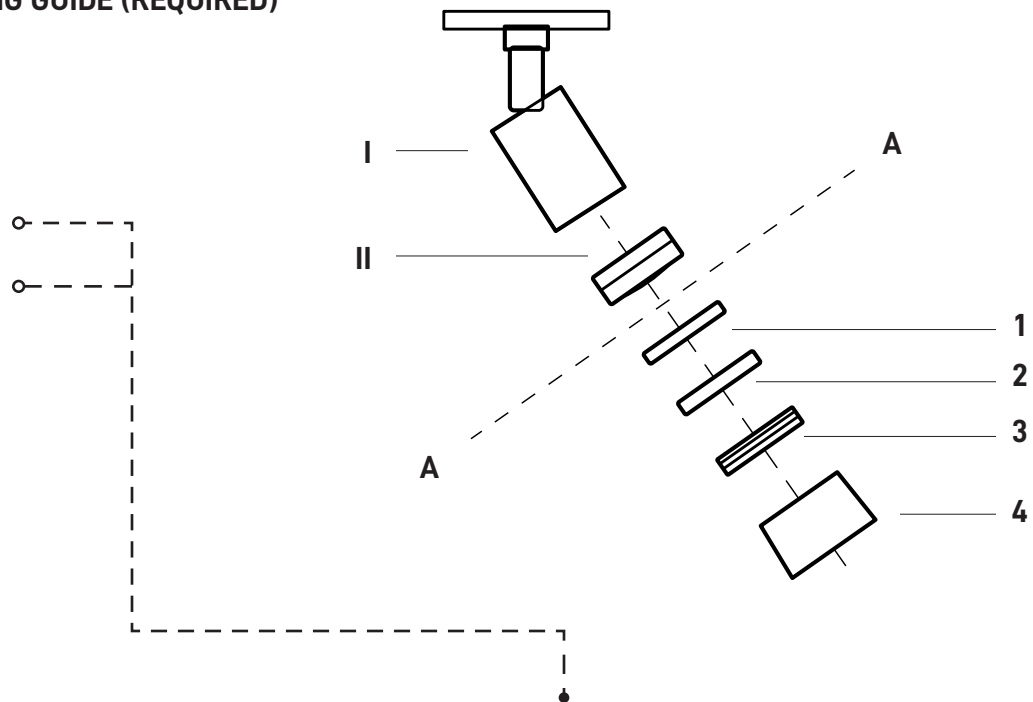
FAMILY	POWER	CCT	CRI	CONTROL & TRACK	FINISH
STR3 STRATA3	30W 30 Watt	27K 2700K	97 97+ CRI (High Fidelity)	DIM10-STA DALI-STA CAS-120-1C CAS-120-2C CAS-STA NONDIM-277VHC TRIAC-120V-1C TRIAC-120V-2C	BK Black Finish
		30K 3000K			WH White Finish
		35K 3500K			
		40K 4000K			

*Consult factory

II. LENS MODULE ORDERING GUIDE (REQUIRED)

EXAMPLE: STR3-LENS-[]

LENS MODULE
STR3-LENS-ZM Zoom Lens Module (10°-50°)
STR3-LENS-FR25* Framing Projector
STR3-LENS-FR50* Framing Projector
STR3-LENS-FX15 15° Narrow Spot
STR3-LENS-FX20 20° Spot
STR3-LENS-FX35 35° Flood
STR3-LENS-FX40 40° Wide Flood

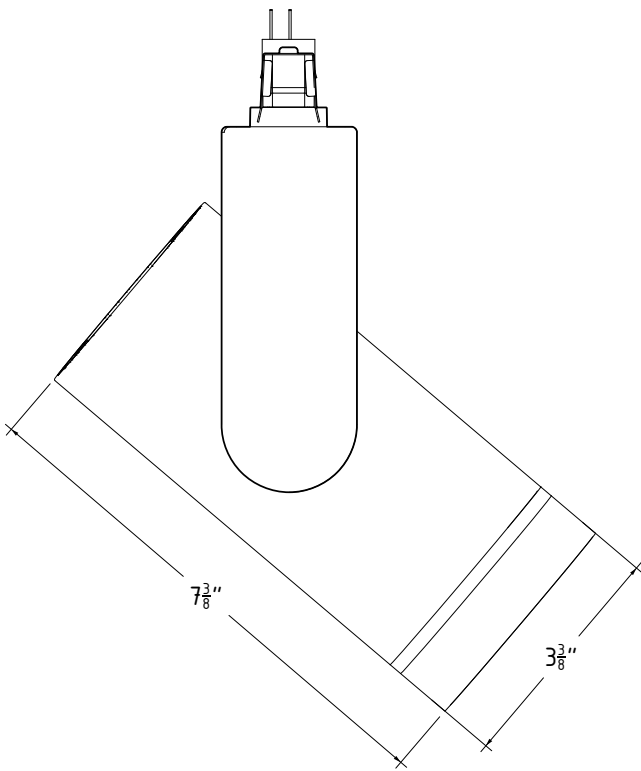
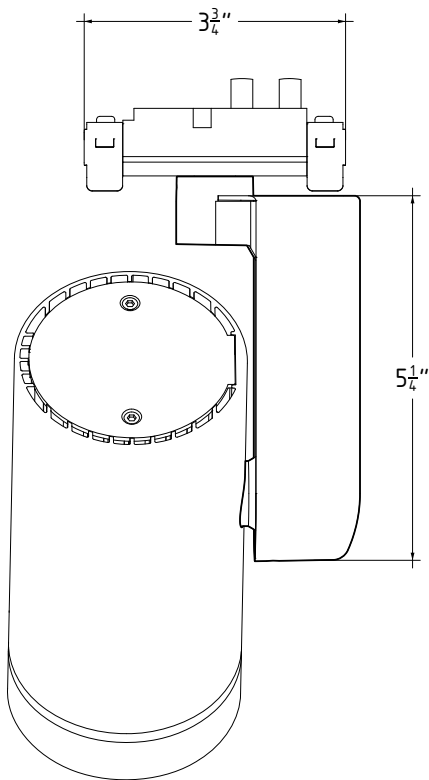
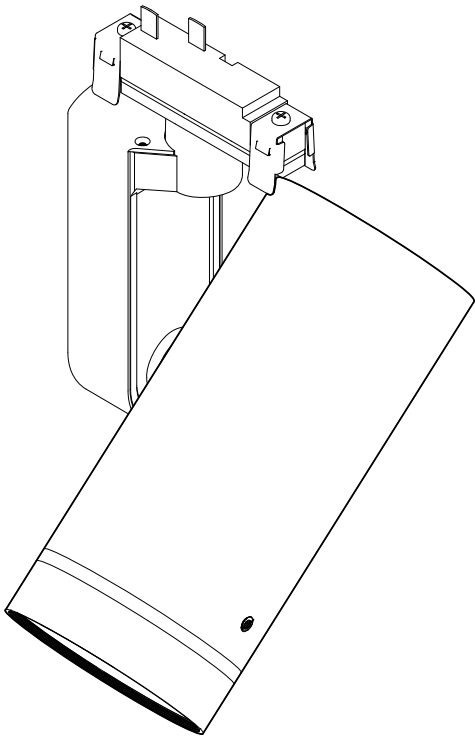
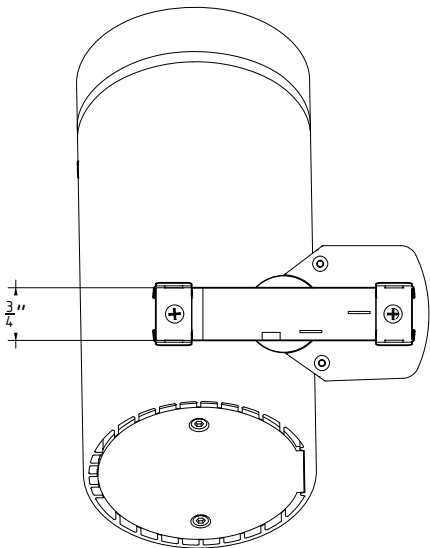


A. OPTIONAL ADD-ONS

EXAMPLE: STR3-OPTION-[]

1. OPTICAL MODIFIERS	2. LENS MODIFIERS	3. FR25/FR50 OPTIONS*	3 & 4. GLARE MODIFIERS
STR3-OPTION-FL-CT Color Adjustment	STR3-OPTION-OVAL Oval Beam Lens Elongates beam shape	STR3-OPTION-GH Holds gobo film	STR3-OPTION-SNOOT-H Half-Snoot
STR3-OPTION-FL-UV UV Protection	STR3-OPTION-WASH Wall Wash Lens Asymmetric wall distribution	STR3-OPTION-GOBO Pattern projection	STR3-OPTION-SNOOT-M Short Snoot
STR3-OPTION-FL-DIFF Diffusion Filter Softens beam edge	STR3-OPTION-SOFT Softening Lens Reduces beam hardness	STR3-OPTION-LOGO Custom branding projection	STR3-OPTION-SNOOT-L Long Snoot
STR3-OPTION-FL-GRD Gradient Filter Directional fade effect			STR3-OPTION-BD-4 4-Leaf Barn Door
			STR3-OPTION-HC Honeycomb Grid
			STR3-OPTION-OX Cross-Baffle

STRATA 3
with **EPL Track Adapter (120V-1C)**
with **Fixed Lens (FX)**



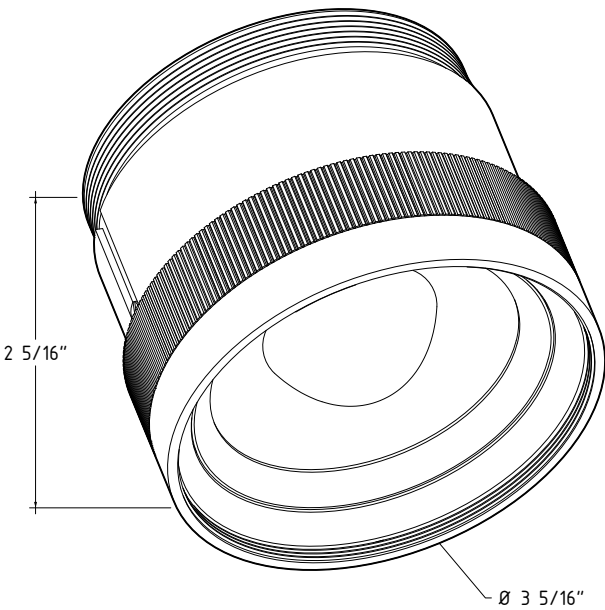
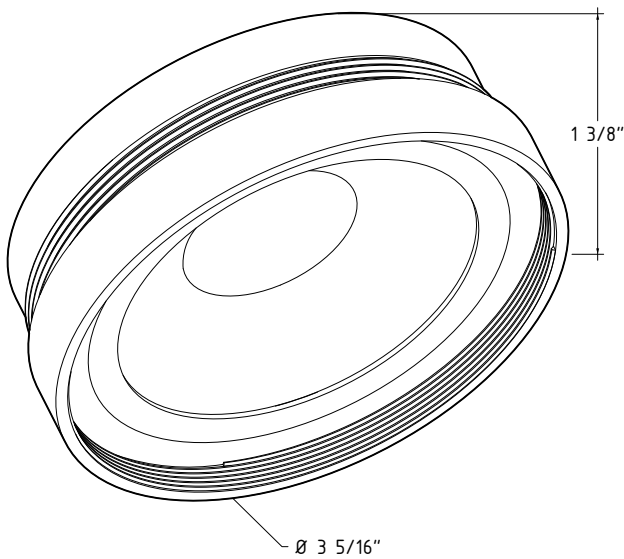
LENS MODULES

FX — Fixed Lens

Available in 15°, 20°, 35°, 40°

ZM — Zoomable Lens

Adjustable distribution 10°–50°

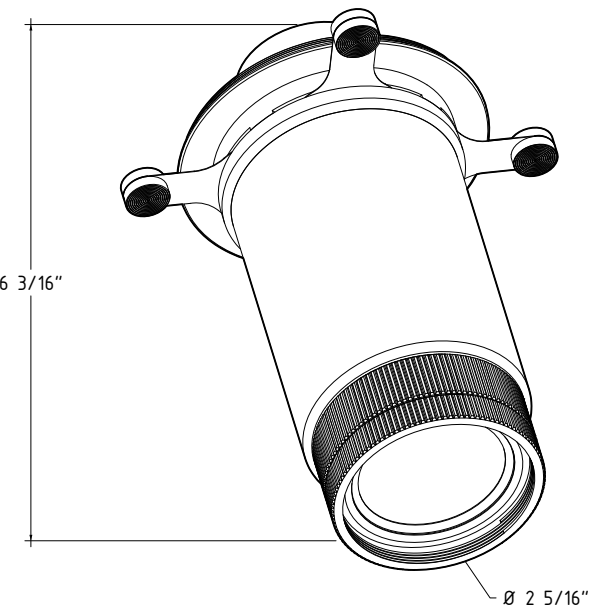
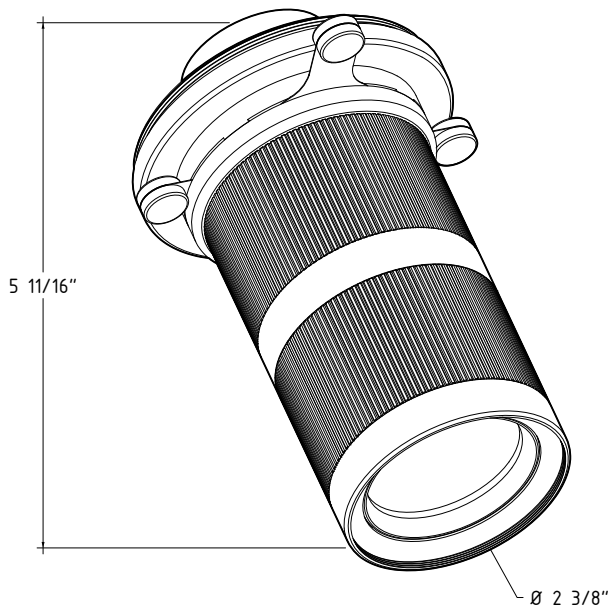


FR25 — Framing Projector Lens 25° – 40°

Sharp beam shaping + gobos

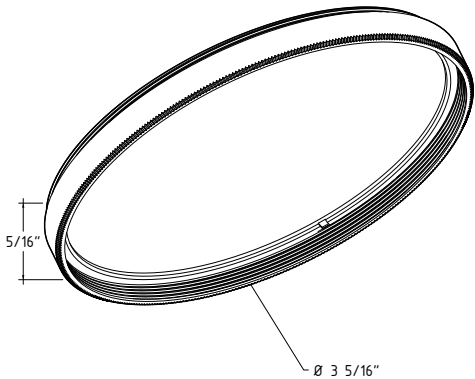
FR50 — Framing Projector Lens 50° – 60°

Sharp beam shaping + gobos



BEAM MODIFIERS

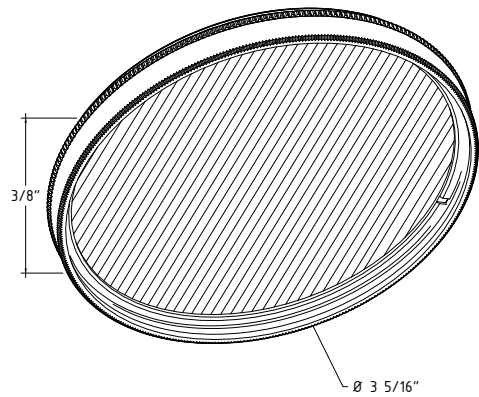
For Fixed & Zoomable Lenses



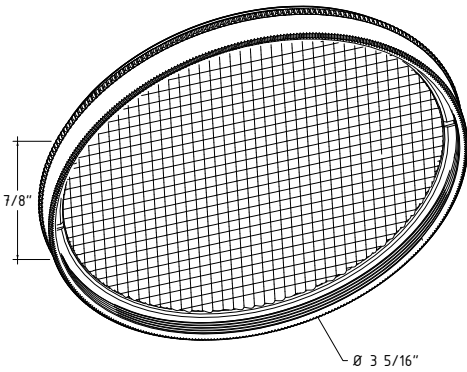
- FL-CT**
Color Filter
Color adjustment for beam tuning
- FL-UV**
UV Filter
Protects materials from UV exposure
- FL-DIFF**
Diffusion Filter
Softens beam edge
- FL-GRD**
Gradient Filter
Directional fade effect

LENS EFFECTS

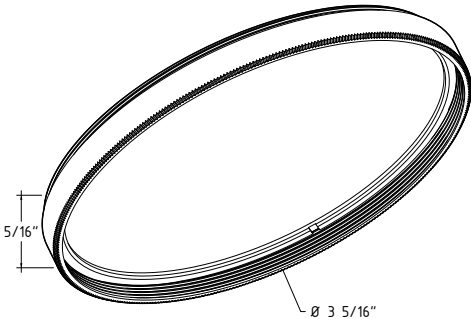
For Fixed & Zoomable Lenses



OVAL
Stretches beam



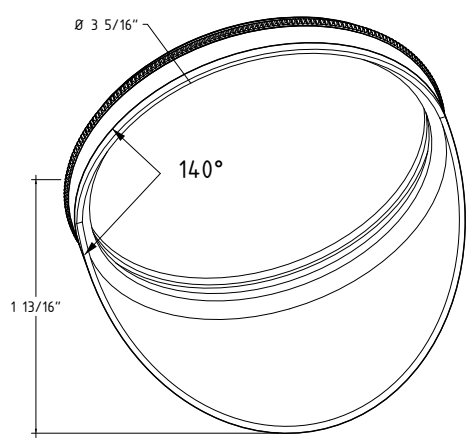
WALLWASH
Wall grazing



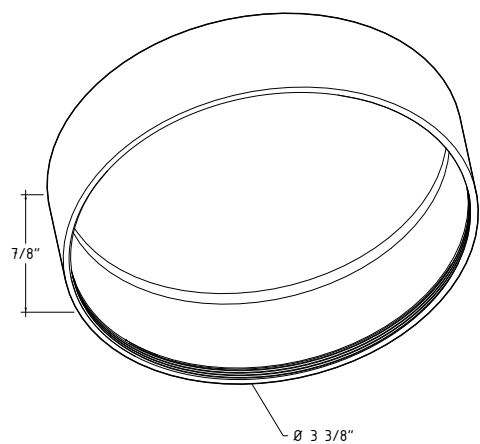
SOFT
Edge smoothing

GLARE MODIFIERS

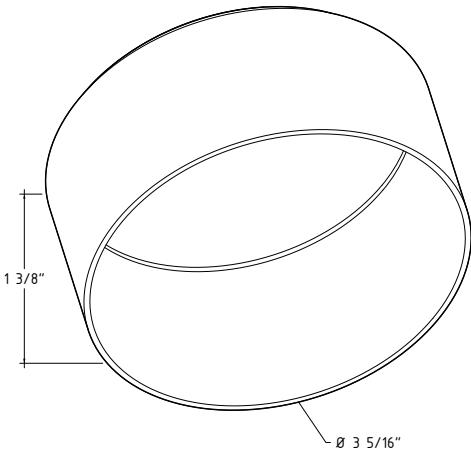
For Fixed & Zoomable Lenses



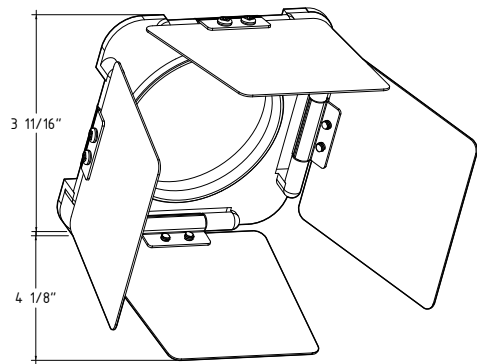
SNOOT-H
Partial cutoff for
directional glare control



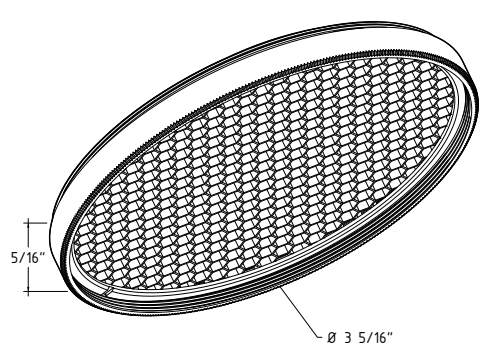
SNOOT-M
Balanced cutoff and glare control



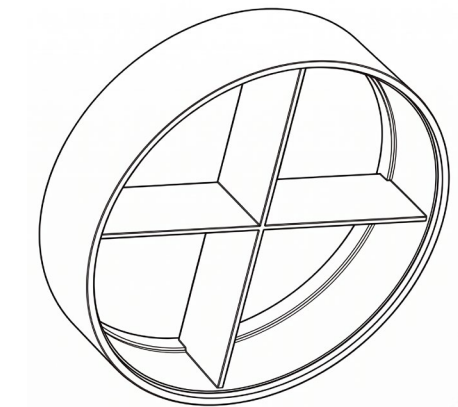
SNOOT-L
Tighter beam cutoff



BD-4
Directional shaping



HC
Glare control

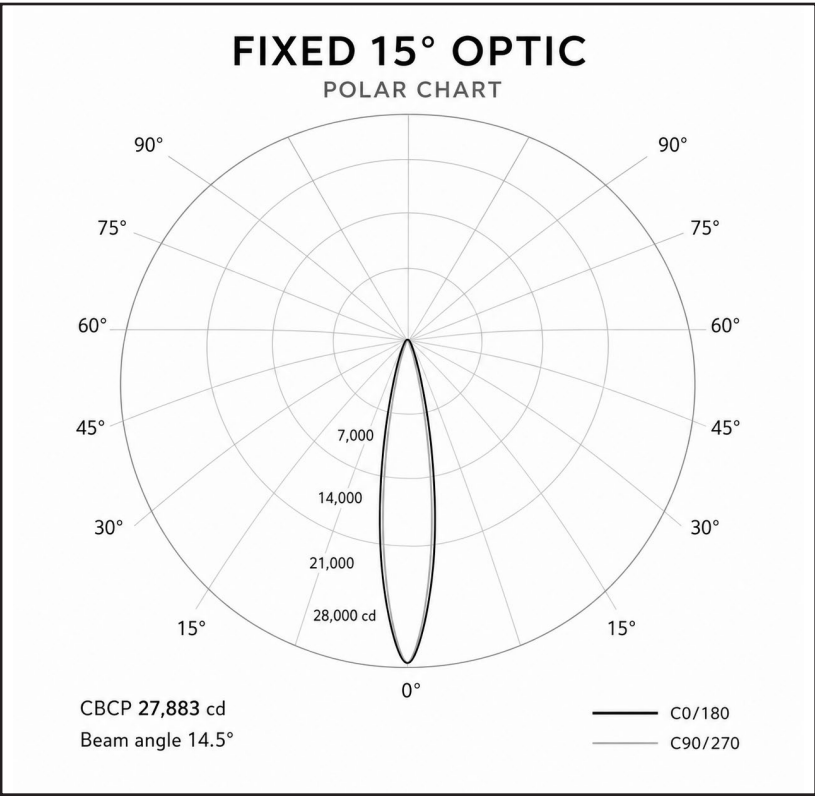


OX
Cross-Baffle

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	2520 lm	80.6 lm/W	27,883 cd	14.5°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	27883
5°	20510
10°	7180
15°	1890
20°	734
25°	375
30°	202
35°	115
40°	74
45°	52
50°	41
55°	32
60°	24
65°	17
70°	11
75°	3
80°	1
85°	0
90°	0

PERFORMANCE BAR

OPTIC	15° FIXED OPTIC
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-FX15
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Narrow spot fixed optic
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	1.5 ft	774.5 fc
8 ft	2.0 ft	435.7 fc
10 ft	2.5 ft	278.8 fc
12 ft	3.0 ft	193.6 fc
14 ft	3.6 ft	142.3 fc
16 ft	4.1 ft	108.9 fc
18 ft	4.6 ft	86.1 fc
20 ft	5.1 ft	69.7 fc

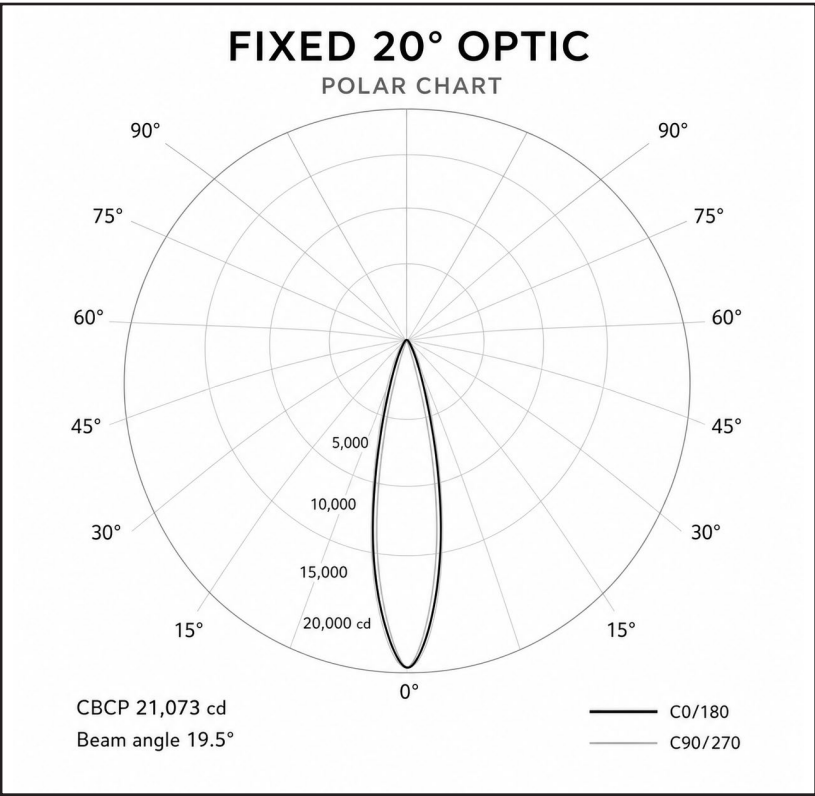
FOOTNOTES

Tested with a fixed 15° narrow spot optic, this configuration produces a tight, high-intensity beam for accent applications requiring strong center-beam punch and controlled spill. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	2673 lm	85.4 lm/W	21,073 cd	19.5°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	21073
5°	17810
10°	9620
15°	2890
20°	670
25°	246
30°	126
35°	64
40°	37
45°	29
50°	26
55°	24
60°	19
65°	12
70°	6
75°	1
80°	1
85°	0
90°	0

PERFORMANCE BAR

OPTIC	20° FIXED OPTIC
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-FX20
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Narrow spot fixed optic
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	2.1 ft	585.4 fc
8 ft	2.7 ft	329.3 fc
10 ft	3.4 ft	210.7 fc
12 ft	4.1 ft	146.3 fc
14 ft	4.8 ft	107.5 fc
16 ft	5.5 ft	82.3 fc
18 ft	6.2 ft	65.0 fc
20 ft	6.8 ft	v52.7 fc

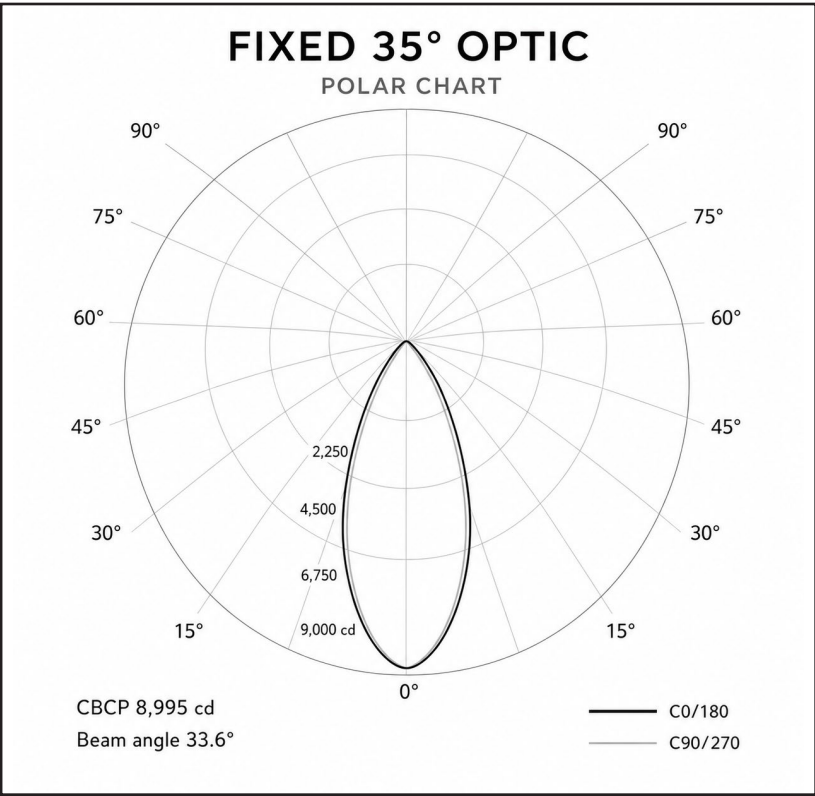
FOOTNOTES

Tested with a fixed 20° narrow spot optic, this configuration provides a concentrated accent beam with a slightly wider distribution than the 15° optic while maintaining strong center-beam intensity. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	2708 lm	86.5 lm/W	8,995 cd	33.6°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	8379
5°	8456
10°	7914
15°	5601
20°	2383
25°	547
30°	175
35°	84
40°	39
45°	20
50°	17
55°	21
60°	22
65°	18
70°	11
75°	3
80°	1
85°	0
90°	0

PERFORMANCE BAR

OPTIC	35° FIXED OPTIC
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK&STR3-LENS-FX35
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Medium fixed optic
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	3.6 ft	249.9 fc
8 ft	4.8 ft	140.5 fc
10 ft	6.0 ft	90.0 fc
12 ft	7.3 ft	62.5 fc
14 ft	8.5 ft	45.9 fc
16 ft	9.7 ft	35.1 fc
18 ft	10.9 ft	27.8 fc
20 ft	12.1 ft	22.5 fc

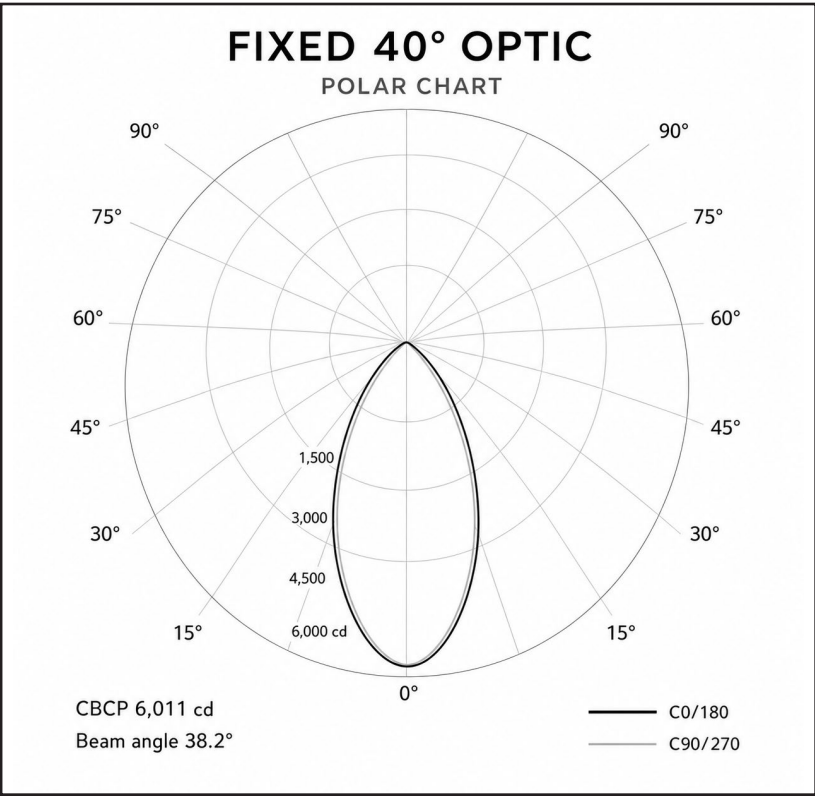
FOOTNOTES

Tested with a fixed 35° optic, this configuration provides a broader accent distribution with lower center-beam intensity than the narrower spot optics while maintaining controlled forward throw. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	2616 lm	83.5 lm/W	6,011 cd	38.2°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	5984
5°	5784
10°	5144
15°	3994
20°	2799
25°	1694
30°	685
35°	207
40°	96
45°	51
50°	30
55°	23
60°	22
65°	16
70°	9
75°	2
80°	1
85°	0
90°	0

PERFORMANCE BAR

OPTIC	40° FIXED OPTIC
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-FX40
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Medium flood fixed optic
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	4.1 ft	167.0 fc
8 ft	5.5 ft	93.9 fc
10 ft	6.9 ft	60.1 fc
12 ft	8.2 ft	41.7 fc
14 ft	9.6 ft	30.7 fc
16 ft	11.0 ft	23.5 fc
18 ft	12.4 ft	18.6 fc
20 ft	13.7 ft	15.0 fc

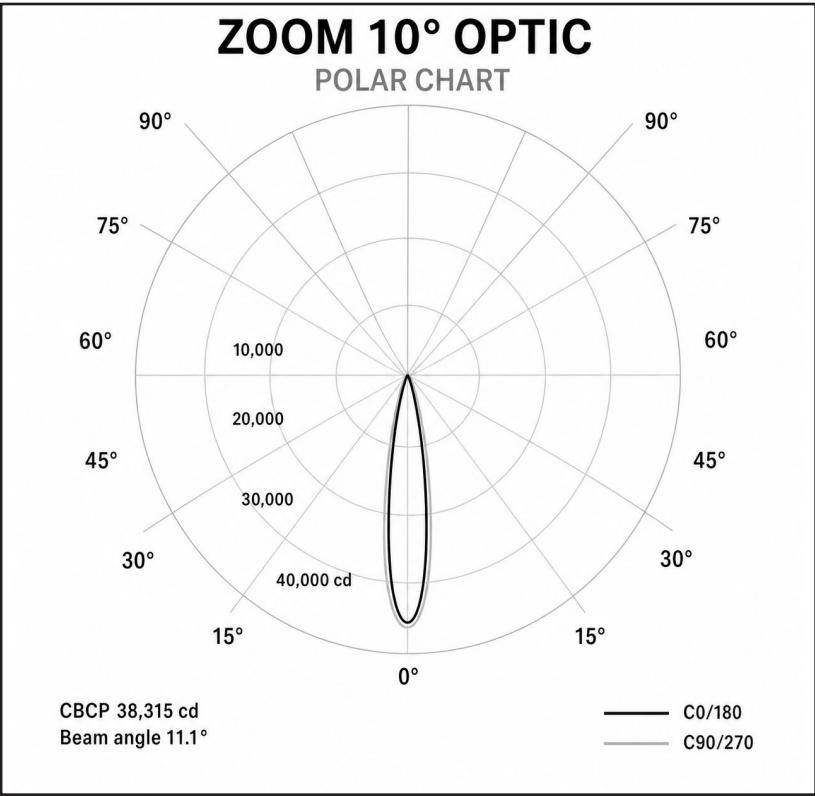
FOOTNOTES

Tested with a fixed 40° optic, this configuration provides a broad accent distribution for wider coverage while reducing center-beam intensity compared to narrower spot optics. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	1749 lm	55.9 lm/W	38,315 cd	11.1°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	37840
5°	24020
10°	3370
15°	869
20°	265
25°	103
30°	54
35°	45
40°	41
45°	31
50°	23
55°	16
60°	10
65°	7
70°	4
75°	2
80°	0
85°	0
90°	0

PERFORMANCE BAR

OPTIC	ZOOM ADJUSTABLE OPTIC — 10° SETTING
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-ZM
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Adjustable zoom optic set to 10°
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	1.2 ft	1064.3 fc
8 ft	1.6 ft	598.7 fc
10 ft	1.9 ft	383.2 fc
12 ft	2.3 ft	266.1 fc
14 ft	2.7 ft	195.5 fc
16 ft	3.1 ft	149.7 fc
18 ft	3.5 ft	118.3 fc
20 ft	3.9 ft	95.8 fc

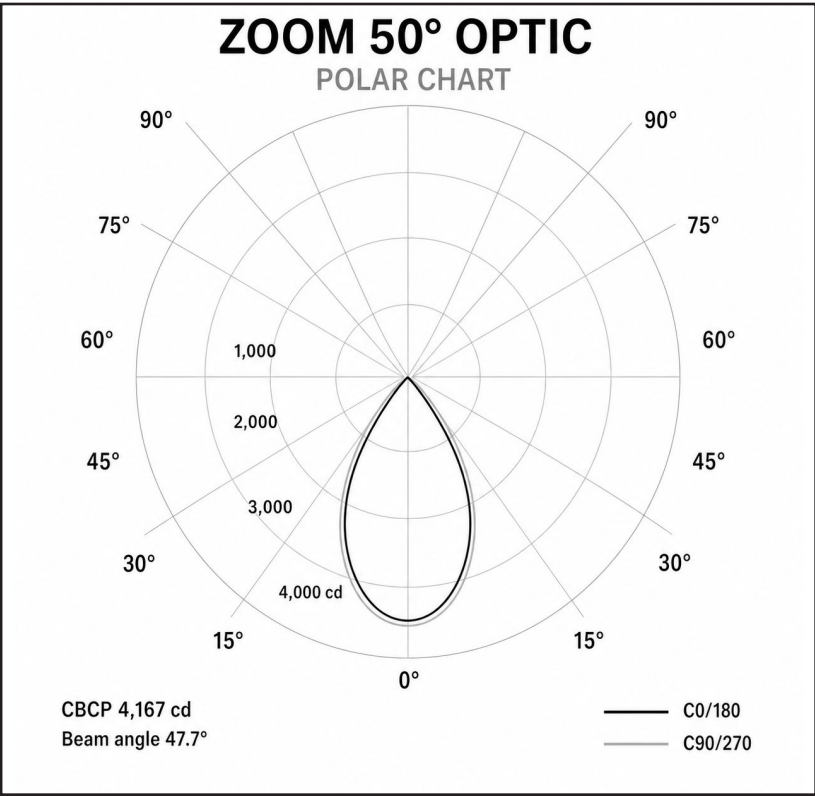
FOOTNOTES

Tested with the adjustable zoom optic set to 10°, this configuration represents the narrow endpoint of the 10°–50° zoom range, producing a tight, high-intensity beam for focused accent applications. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	2294 lm	73.4 lm/W	4,167 cd	47.7°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	4165
5°	4151
10°	4055
15°	3741
20°	3034
25°	1663
30°	352
35°	92
40°	26
45°	13
50°	6
55°	4
60°	3
65°	1
70°	1
75°	1
80°	0
85°	0
90°	0

PERFORMANCE BAR

OPTIC	ZOOM ADJUSTABLE OPTIC — 50° SETTING
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-ZM
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Adjustable zoom optic set to 50°
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	5.3 ft	115.8 fc
8 ft	7.0 ft	65.1 fc
10 ft	8.8 ft	41.7 fc
12 ft	10.6 ft	28.9 fc
14 ft	12.3 ft	21.3 fc
16 ft	14.1 ft	16.3 fc
18 ft	15.9 ft	12.9 fc
20 ft	17.6 ft	10.4 fc

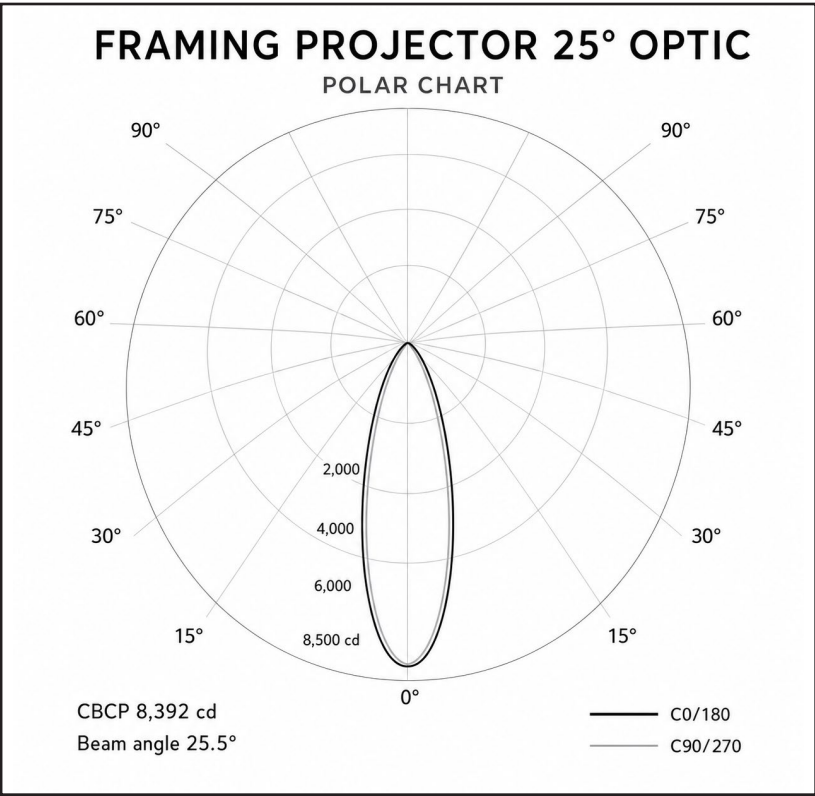
FOOTNOTES

Tested with the adjustable zoom optic set to 50°, this configuration represents the wide endpoint of the 10°–50° zoom range, providing broader coverage with reduced center-beam intensity. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.2 W	1102 lm	35.3 lm/W	8,392 cd	25.5°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	8313
5°	7884
10°	6648
15°	20
20°	5
25°	2
30°	1
35°	1
40°	1
45°	1
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

PERFORMANCE BAR

OPTIC	FRAMING PROJECTOR — 25° SETTING
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-FR25
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Adjustable framing projector set to 25°
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	2.7 ft	233.1 fc
8 ft	3.6 ft	131.1 fc
10 ft	4.5 ft	83.9 fc
12 ft	5.4 ft	58.3 fc
14 ft	6.3 ft	42.8 fc
16 ft	7.2 ft	32.8 fc
18 ft	8.1 ft	25.9 fc
20 ft	9.0 ft	21.0 fc

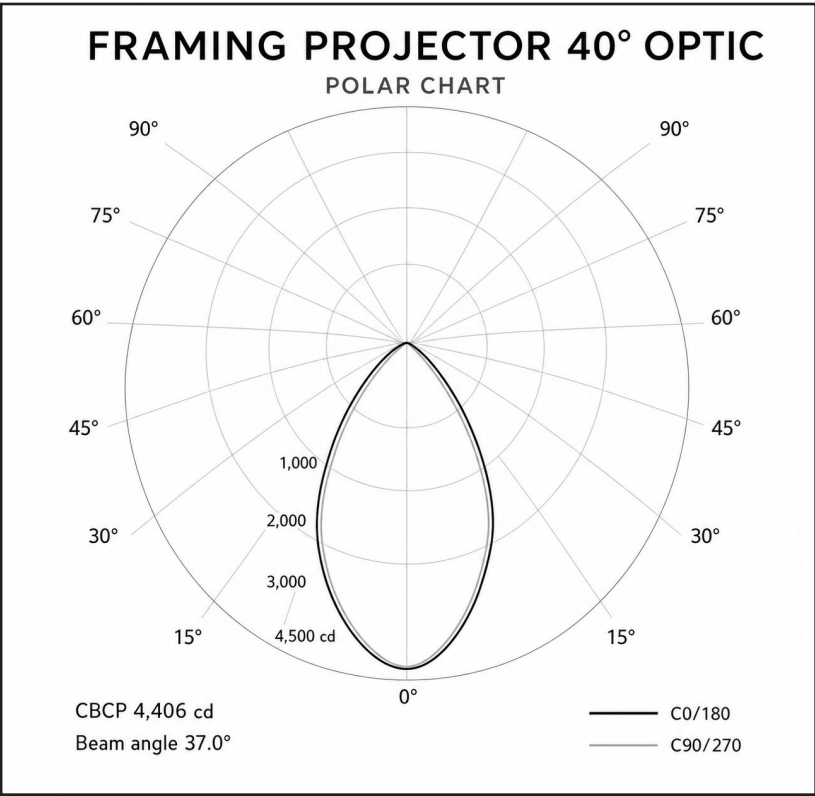
FOOTNOTES

Tested with the adjustable framing projector set to 25°, this configuration represents the narrower endpoint of the 25°–40° framing range, providing controlled beam shaping with defined cutoff for accent and display applications. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.

PHOTOMETRIC REPORT PAGES

INPUT WATTS	DELIVERED LUMENS	EFFICACY	CBCP	BEAM ANGLE
31.3 W	1154 lm	36.9 lm/W	4,406 cd	37.0°

POLAR CHART



SIMPLIFIED CANDELA DISTRIBUTION TABLE

VERTICAL ANGLE	CANDELA
0°	4372
5°	4158
10°	3649
15°	3015
20°	900
25°	4
30°	1
35°	1
40°	0
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0
90°	0

PERFORMANCE BAR

OPTIC	FRAMING PROJECTOR — 40° SETTING
TESTED CONFIGURATION	STR3-30W-40K-97-ND-220V-BK & STR3-LENS-FR25
LED CONFIGURATION	30W LED module, 4000K, Ra97
DISTRIBUTION	Adjustable framing projector set to 40°
TESTED FINISH	Black
REPORT SOURCE	Everfine goniophotometer test report
DATE TESTED	2024-10-31
GENERAL NOTE	Values shown are based on tested luminaire performance from the supplier photometric report.

CONE OF LIGHT

MOUNTING DISTANCE	BEAM DIAMETER	CENTER BEAM FC
6 ft	4.0 ft	122.4 fc
8 ft	5.3 ft	68.8 fc
10 ft	6.7 ft	44.1 fc
12 ft	8.0 ft	30.6 fc
14 ft	9.3 ft	22.5 fc
16 ft	10.6 ft	17.2 fc
18 ft	12.0 ft	13.6 fc
20 ft	13.3 ft	11.0 fc

FOOTNOTES

Tested with the adjustable framing projector set to 40°, this configuration represents the wider endpoint of the 25°–40° framing range, providing broader shaped-beam coverage with defined cutoff. Photometric values represent delivered luminaire performance for the tested 30W, 4000K, Ra97 configuration.