

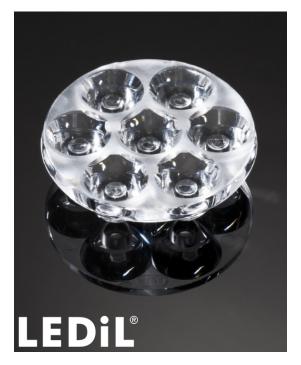
# PRODUCT DATASHEET C11716\_ANNA-40-7-S

## ANNA-40-7-S

~15° spot beam with 7 optics

#### **SPECIFICATION:**

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes 🛈



### MATERIALS:

Component ANNA-40-7-S

Туре
Multi-lens

Material	Colour	Finish
PMMA	clear	

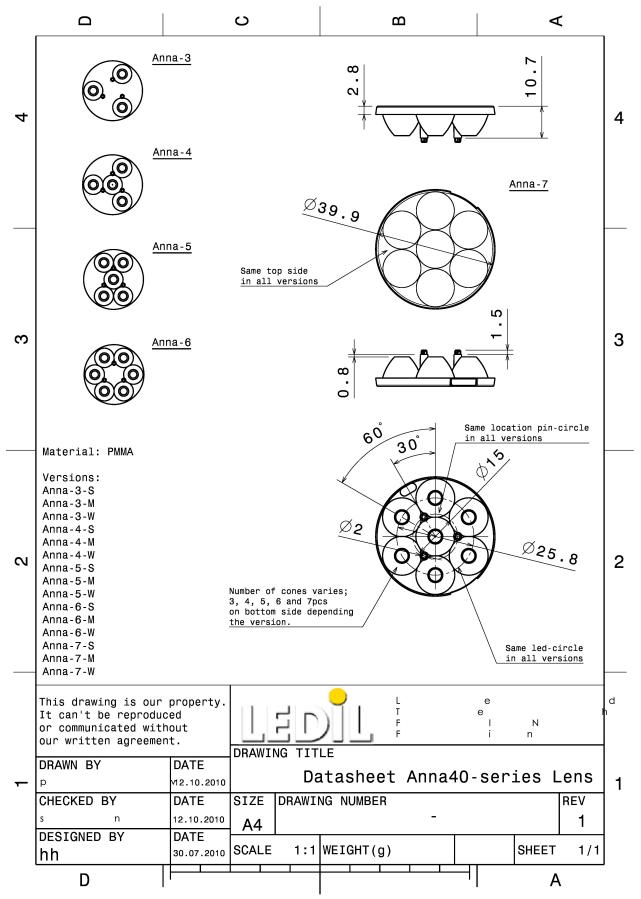
#### **ORDERING INFORMATION:**

Component	
C11716_ANNA-40-7-S	
» Box size: 480 x 280 x 300 mm	

Qty in box	MOQ	MPQ	Box weight (kg)
760	120	40	8.3



## PRODUCT DATASHEET C11716\_ANNA-40-7-S



See also our general installation guide: www.ledil.com/installation\_guide



### **OPTICAL RESULTS (MEASURED):**

LED FWHM / FWTM Efficiency	XP-E 12.0° / 24.0° 93 %	01 200 22 22 23 24 25 25 25 25 25 25 25 25 25
Peak intensity LEDs/each optic Light colour Required compone	12.7 cd/lm 1 White nts:	gr 635 655
	2	25 <sup>-</sup> 0 <sup>+</sup> 25 <sup>-</sup> 3 <sup>+</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-G 18.0° / 39.0° 93 % 5.9 cd/lm 1 White	200 30 <sup>4</sup> 50 60 <sup>4</sup> 60 <sup>4</sup> 60 <sup>4</sup> 60 <sup>5</sup> 60 <sup>5</sup>
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON A 19.0° / 40.0° 87 % 5.7 cd/lm 1 White	54 55 64 55 55 55 55 55 55 55 55 55 55 55 55 55
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON Rebel 13.0° / 28.0° 92 % 9.3 cd/lm 1 White	20° 00° 20° 20° 00° 20° 00° 20° 00° 20° 00° 20° 00°

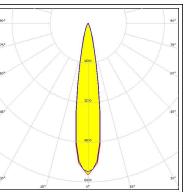


#### **OPTICAL RESULTS (MEASURED):**

Rebel ES

#### LUMILEDS

LED	LUXEON Re	
FWHM / FWTM	18.0° / 36.0°	
Efficiency	93 %	
Peak intensity	6.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		



#### **ΜΝΙCΗΙΛ**

 LED
 NCSxx19A

 FWHM / FWTM
 16.0° / 35.0°

 Efficiency
 91 %

 Peak intensity
 6.7 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 1

#### **ΜΝΙCΗΙΛ**

 LED
 NF2x757G

 FWHM / FWTM
 18.0° / 42.0°

 Efficiency
 88 %

 Peak intensity
 5.4 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 1



#### **Μ**ΝΙCΗΙΛ

LEDNVSxx19AFWHM / FWTM19.0° / 42.0°Efficiency91 %Peak intensity4.9 cd/lmLEDs/each optic1Light colourWhiteRequired components:



### **OPTICAL RESULTS (MEASURED):**

OSRAM Opto Semiconductors		90* 90*
LED	Duris S5 (2 chip)	
FWHM / FWTM	18.0° / 41.0°	737
Efficiency	90 %	1500
Peak intensity	5.7 cd/lm	
LEDs/each optic	1	
Light colour	White	ay
Required compone	nts:	
		30° 34°
		153 0¢ 153
OSRAM Opto Semiconductors		90* 90*
LED	OSLON SSL 150	75'
FWHM / FWTM	12.0° / 22.0°	
Efficiency	90 %	60*
Peak intensity	13.7 cd/lm	
LEDs/each optic	1	
Light colour	White	93°
Required compone	nts:	
		12500
		30%
		15° 0° 15°
OSRAM Opto Semiconductors		90* 80*
OSRAM Opto Semiconductors LED	OSLON SSL 80	
	OSLON SSL 80 11.0° / 26.0°	50°
LED		
LED FWHM / FWTM	11.0° / 26.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 26.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	11.0° / 26.0° 90 % 11.7 cd/lm 1 White	61 53 73 73
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White	61 53 73 73
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White	73°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White	27 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts:	73 60 9 9 100 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2	24 24 25 25 25 26 20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0°	30,         30,         10,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 %	No.         No.           30.         30.           30.         30.           60.         60.           60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stous semiconductor LED FWHM / FWTM Efficiency Peak intensity	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm	No.         No.           30.         30.           30.         30.           60.         60.           60.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone secons semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone secons semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone secons semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone secons semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	11.0° / 26.0° 90 % 11.7 cd/lm 1 White nts: Z5M1/Z5M2 18.0° / 36.0° 91 % 6.9 cd/lm 1 White	



### **OPTICAL RESULTS (SIMULATED):**

		50*
LED	J Series 2835	
FWHM / FWTM	14.0° / 32.0°	
Efficiency	97 %	60° 60°
Peak intensity	9.2 cd/lm	
LEDs/each optic	1	
Light colour	White	gy
Required components:		6430
		30°
-		15 <sup>°</sup> 0 <sup>6</sup> 15 <sup>°</sup>
		90* 90*
LED	LUXEON CZ	75
FWHM / FWTM	8.0° / 18.0°	
Efficiency	96 %	60° 60°
Peak intensity	26.6 cd/lm	
LEDs/each optic	1	
Light colour	White	63× 63+
Required components:		tsow
		36* 30*
	DS	135 <sup>4</sup> 0 <sup>6</sup> 35 <sup>5</sup>
LED	LUXEON T	
FWHM / FWTM	17.0° / 32.0°	
Efficiency	92 %	
Peak intensity	7.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
OSRAM		
Opto Semiconductors		90* 90*
LED	OSCONIQ P 3030	75
FWHM / FWTM	10.0° / 24.0°	
Efficiency	95 %	60° × × × × × × × × × × × × × × × × × × ×
Peak intensity	15.4 cd/lm	
LEDs/each optic	1	
Light colour	Blue	
Required components:		
		$\times$ / $\vee$ $\times$
		30° 30° 30°
		15° 0° 15°



#### **OPTICAL RESULTS (SIMULATED):**

1

#### OSRAM

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required components:

OSLON Square CSSRM2/CSSRM3 15.0° / 29.0° 94 % 9.8 cd/lm White

## SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	12.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	