

# CASTOR 3 MINI ROUND FIX

RECESSED ROUND FIX  
DOWNLIGHT LUMINAIRE



- Compatible with 35 and 50 series LED modules
- Colour temperature options: 2700K, 3000K, 3500K, 4000K, 5000K, tuneWHITE™, WARM DIM, flexiK
- Colour rendering index: 85 or 95
- Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
- Beam pattern options: 10°, 20°, 35°, 60° (depending on LED module)
- Luminous flux: 310lm to 1600lm (depending on LED module)
- Supplied with non-dimmable or phase/0-10V/DALI dimmable LED driver
- 77mm cutout
- ATePS™ Automated Thermal Protection System
- ComfyEYE, reduced flicker percentage
- X-BEAM, maximising light output ratio with converging optical lens
- Interchangeable LED module system
- Optional linear spread lens, IP54 seal, colour, light effect filters and honeycomb anti-glare louvre



The information above is at nominal values accuracy of +/-7%.

FIXTURE COLOUR OPTIONS



REFLECTOR COLOUR OPTIONS



tuneWHITE™ and flexiK are recommended to pair with Soft Lens for better colour mixing effect.

## AVAILABLE OPTIONS

### LED MODULE



MR16



35/50N



50C/P

### TEMPERATURE



ProART



tuneWHITE™



WARM DIM



flexiK

### DRIVER



(ND)



(PH)



(AN)



(DA)

### ACCESSORIES



Honeycomb Anti-Glare Louvre



Soft Lens



Linear Spread Lens

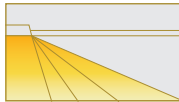


IP54

### BEAM ANGLE

#### SINGLE CCT

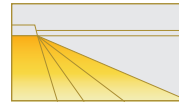
35 NEST / 50 NEST / 50 CLASSIC / 50 PRO



10° 20° 35° 60°

#### WARM DIM

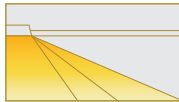
35 NEST / 50 NEST



10° 20° 35° 60°

#### tuneWHITE™

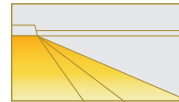
50 NEST / 50 PRO



20° 35° 60°

#### WARM DIM

50 PRO

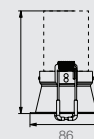


20° 35° 60°

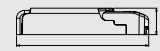
## DIMENSIONS (MM)

\*Displayed height measurements are for highest point of tilting.

35N	: 95
50N	: 120
50C/P	: 120
MR16	: 95



86

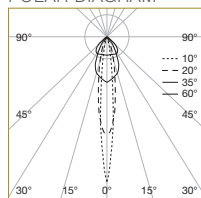


(refer to module driver dimensions)

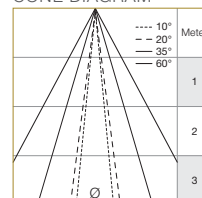
# CASTOR 3 MINI

### 50 PRO

POLAR DIAGRAM



CONE DIAGRAM



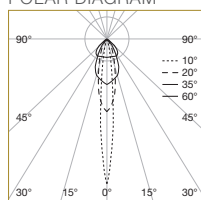
Ø = DIAMETER

	E <sub>max</sub> (lx)			
	10°	20°	35°	60°
E (0°)	9836	9043	3748	1298
Cone DØ (m)	0.19	0.26	0.58	1.09
E (0°)	2459	2260.75	937	324.5
Cone DØ (m)	0.38	0.52	1.16	2.18
E (0°)	1093	1005	416	144
Cone DØ (m)	0.57	0.78	1.74	3.27

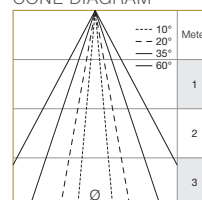
Correction Factor : 50C - f = 0.8  
50N - f = 0.63  
35N - f = 0.5

### 50 NEST WARM DIM

POLAR DIAGRAM



CONE DIAGRAM



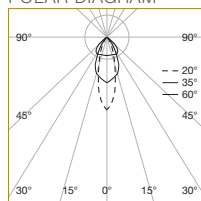
Ø = DIAMETER

	E <sub>max</sub> (lx)			
	10°	20°	35°	60°
E (0°)	3178	1785	1050	365
Cone DØ (m)	0.19	0.35	0.58	1.09
E (0°)	794.5	446.25	262.5	91.25
Cone DØ (m)	0.38	0.70	1.16	2.18
E (0°)	353	198	117	41
Cone DØ (m)	0.57	1.05	1.74	3.27

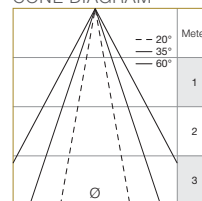
Correction Factor : 35N - f = 0.74

### 50 PRO WARM DIM

POLAR DIAGRAM



CONE DIAGRAM

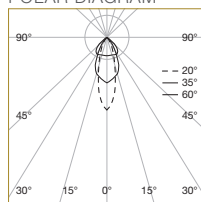


Ø = DIAMETER

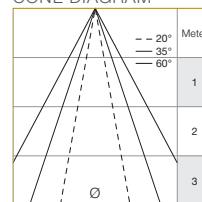
	E <sub>max</sub> (lx)		
	20°	35°	60°
E (0°)	4887	2874	995
Cone DØ (m)	0.35	0.58	1.09
E (0°)	1221.75	718.5	248.75
Cone DØ (m)	0.70	1.16	2.18
E (0°)	543	319	111
Cone DØ (m)	1.05	1.74	3.27

### 50 PRO tuneWHITE™

POLAR DIAGRAM



CONE DIAGRAM



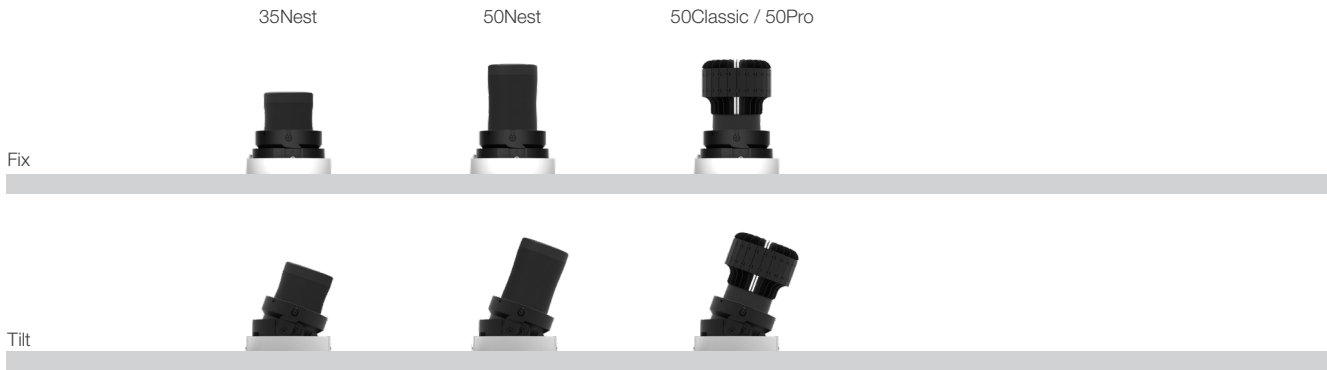
Ø = DIAMETER

	E <sub>max</sub> (lx)		
	20°	35°	60°
E (0°)	4249	2499	866
Cone DØ (m)	0.35	0.58	1.09
E (0°)	1062.25	624.75	216.5
Cone DØ (m)	0.70	1.16	2.18
E (0°)	472	278	96
Cone DØ (m)	1.05	1.74	3.27

Correction Factor : 50N - f = 0.6

## CASTOR 3 MINI

### ORDERING MATRIX CHART



FIXTURE							SINGLE CCT LED MODULE				DRIVER
Type	Trim Options	Shape	Angle	Colour	Reflector Color	Accessories	LED Power	Beam Angle	Colour Temp	CRI	Dimming
<b>CASTOR-3MINI</b>											
	Trim	RD Round	FX Fix	WH Matt White	WH Matt White	None	35N 6W	10 10°	27 2700K	Standard	ND Non-Dim
X	Trimless		TL Tilt	MB Matt Black	MB Matt Black	AGL Anti-Glare Louvre	50N 7.5W	20 20°	30 3000K	PA ProART	PH Phase
						SL Soft Lens	50C 10W	35 35°	35 3500K		AN 0-10V
						LSL Linear Spread Lens	50P 13W	60 60°	40 4000K		DA DALI
						IP IP54			50 5000K		
							WARM DIM LED MODULE				DRIVER
							35N 6W	10 10°	WD WARM DIM	PA ProART	PH Phase
							50N 7.5W	20 20°			AN 0-10V
							50P 13W	35 35°			DA DALI
								60 60°			
*10° Beam angle option is only available with 35N and 50N WARM DIM LED Modules.											
							tuneWHITE™ LED MODULE				DRIVER
							50N 7.5W	20 20°	TW18 tuneWHITE™ 1800K-4000K	PA ProART	DA DALI
							50P 13W	35 35°	TW27 tuneWHITE™ 2700K-6500K		
								60 60°			
							flexiK LED MODULE				DRIVER
							50N 7.5W	20 20°	FK## flexiK	PA ProART	PH Phase
							50P 13W	35 35°			AN 0-10V
								60 60°			DA DALI

example: CASTOR-3MINI.X.RD.TL.WH.WH.IP.50P.35.27.DA

\*Custom RAL colour options available.

## denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K  
(ELR 100 PRO 25W LED Module, 35° Beam Angle, 3500K CCT, ProART CRI>95, Phase Dimmable Driver)