

Ellipsoidals

Wash

PREVIEW



iImagine

Last update:
31/01/2025



Profile Optic



Wash Zoom Optic



Fixed Optic

iImagine series

Introducing

● We are proud to introduce you to the new Coemar product family, iImagine. High power is not always necessary and this is why iImagine was born. Anyone who needs a profiler or a wash with an incredible light emitted/power ratio must have our brand new iImagine. We have thought of everything, from optics to mounting options, to ensure that anyone can find the perfect product for their needs.

Key Features



- Fixed White COB LED (T/D version)
- Tunable White COB LED (VW version)
- Full Colour and Dynamic White (RGBWW version)
- CRI > 90 or 95



- CCT: 2.700 K, 3.000 K, 3.500 K, 4.000 K, 5.000 K, 5.600 K, 6.500 K, Tunable white from 2.700 K → 6.500 K
- RGBWW



- IP20



- High Definition Optics
- High lumen flux and flat field



- Fixed 15°, 20°, 30° or 40°
- Wash Zoom 10°-50°
- Profile Zoom 18°-35°, 25°-40°, 50°-60° or Profile 55°



- Four blade framing system, each shutter blade is adjustable for radial position and angle



- Full Body in Aluminum



- Custom color on request (optional)



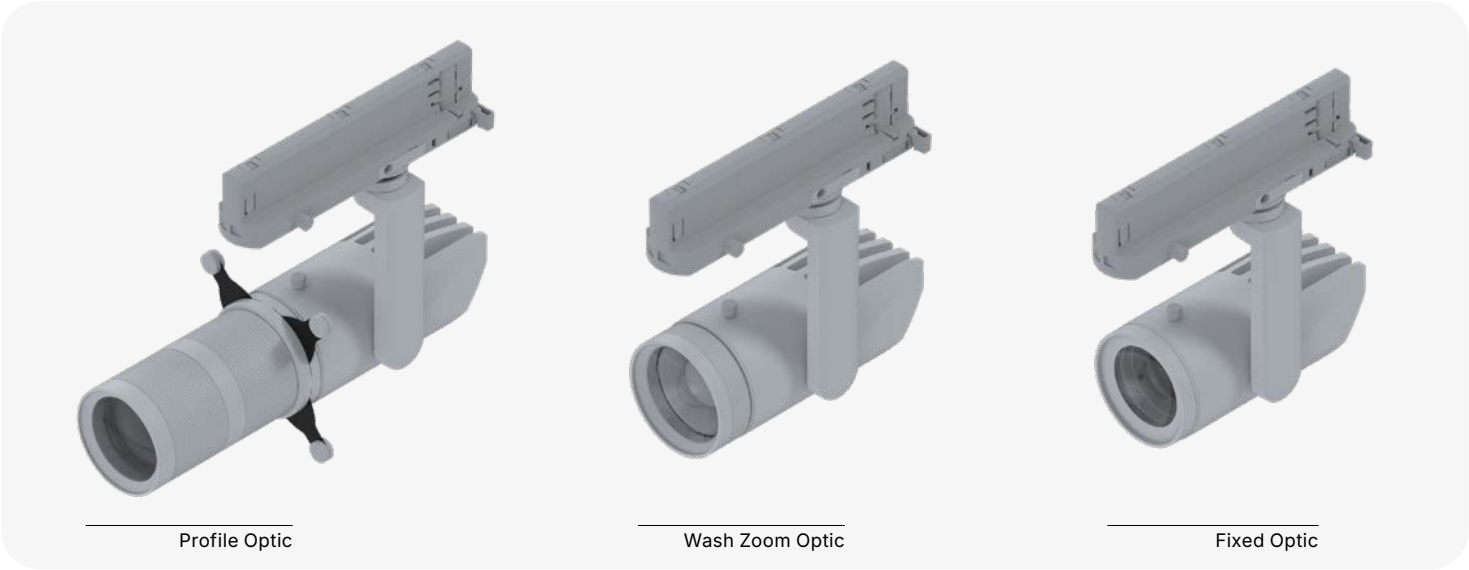
- Track



iImagine with Profile Zoom Optic

Versions

Series	Version	Optic	Barrel	Mounting	Controls
iImagine	Fixed	Fixed 15°, 20°, 30° or 40°	Integrated Barrel with 4 Shutter Blades (Profile version)	Track	DMX512
	Wash	Wash Zoom 10°-50°			DALI
	Profile	Profile Zoom 18°-35°			On / Off
		Profile Zoom 25°-40°			On Board
		Profile Zoom 50°-60°			Potentiometer
		Profile 55°			



iImagine series white body

General	
● LED Source	Fixed White COB LED (T/D version), Tunable White COB LED (VW version) or RGBWW (White CCT range from 1800 K → 8000 K)
● CCT Range	● ● ● ● ● ● 2.700 K, 3.000 K, 3.500 K, 4.000 K, 5.000 K, 5.600 K, 6.500 K (T/D version) ● ● ● ● ● ● 2.700 K → 6.500 K (VariWhite Version)
● Color Rendition Average	CRI> 95
● Available Optics	Fixed Optics 15°, 20°, 30° or 40°, Wash Zoom 10°-50°, Profile Zoom 18°-35°, 25°-40°, 50°-60° or Profile 55°
● L80 Rating (hours to 80% output)	50.000 hours
● Pattern projection	Yes (internal gobo holder)
● Pattern Size	Gobo outside diameter: Ø30 mm (1.18 in) max image diameter: Ø23 mm (0.91 in) max Gobo thickness: 2 mm (0.07 in)
Electrical	
● Voltage Input	220-240 V, auto-sensing, 50/60 Hz
● Power Consumption	20 W
Thermal	
● Ambient Operating Temperature	0°C - +40°C (32°F - 104°F)
● Cooling	Passive cooling and fan-free
Control	
● Protocols	On/Off, On board potentiometer, Dali, DMX512
● RDM	DMX Setup, Fixture Status, RDM Commands (only DMX version)
Physical	
● Mounting	Track
● Materials	Aluminium construction (EN AB-46100 grade)
● Framing System	Four blade framing system, each shutter blade is adjustable for radial position and angle (+/- 30°)
● Fine Texture	High temperature powder-coated paint
● Tool-free	Tilt and beam adjustment
● Weight	Profile optics vrs. 1.58 kg (3.48 lbs), Wash optic vrs. 1.04 kg (2.29 lbs), Fixed optics vrs. 0.98 kg (2.16 lbs)
● Length	Profile optics vrs. 250 mm (9.84 in), Wash optic vrs. 148 mm (5.83 in), Fixed optics vrs. 136 mm (5.35 in)
● Height	177 mm (6.97 in)
● Width	82 mm (3.23 in)
● IP Rating	IP20
● Color options	Black and white (standard), custom color on request (optional)
Optics	
● Fixed Optics	15°, 20°, 30° or 40°
● Wash Optic	Zoom 10°-50°
● Profile Optics	Zoom 18°-35°, 25°-40°, 50°-60° or Profile 55°
Accessories	
Full set of Color, Frost and Beam shapeing filter, Honey-comb	
Full, Medium and Half Top Hat, Barndoor	



Profile Optic

Wash Zoom Optic

Fixed Optic

iMagine interchangeable optics system

Filters



Oval lens



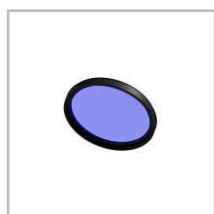
Softening lens



Wall Washing lens



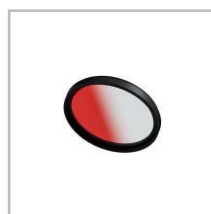
Honey Comb



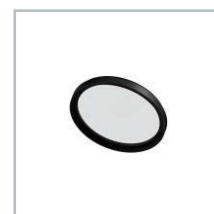
CCT filter



UV filter



Gradient filter



ND filter

Optical Accessories



Medium Snoot



Half Snoot

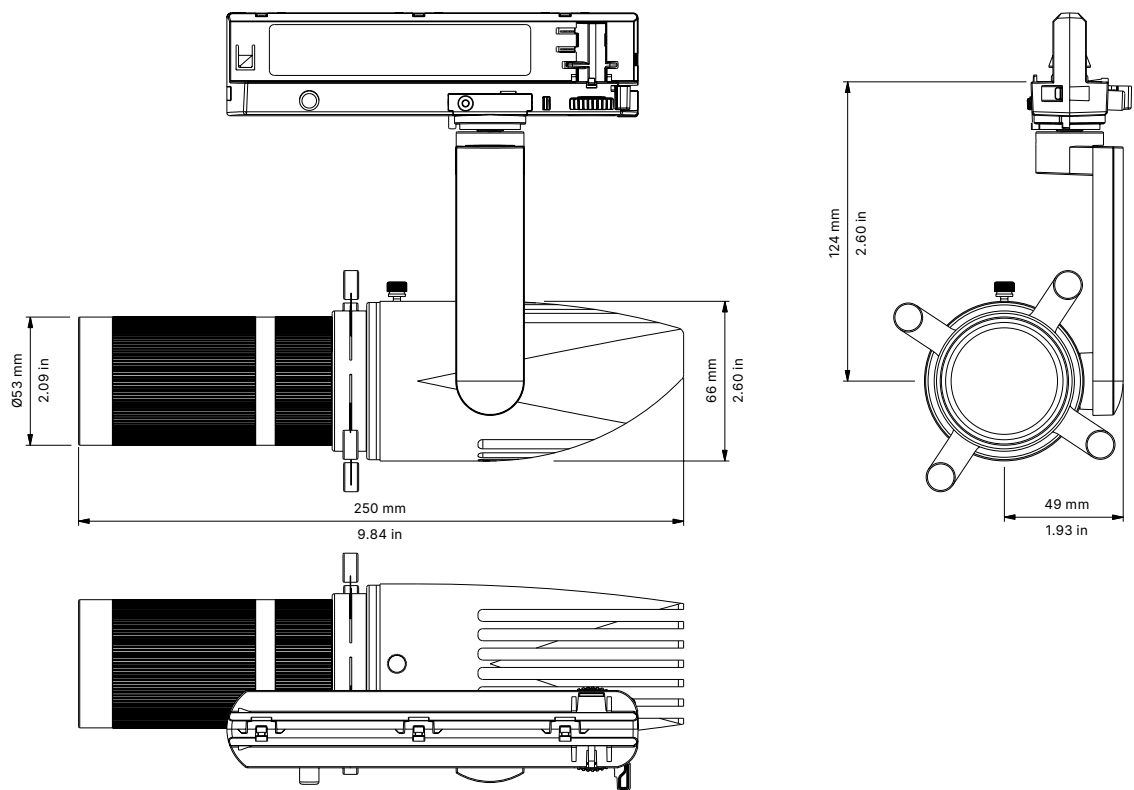


Full Snoot

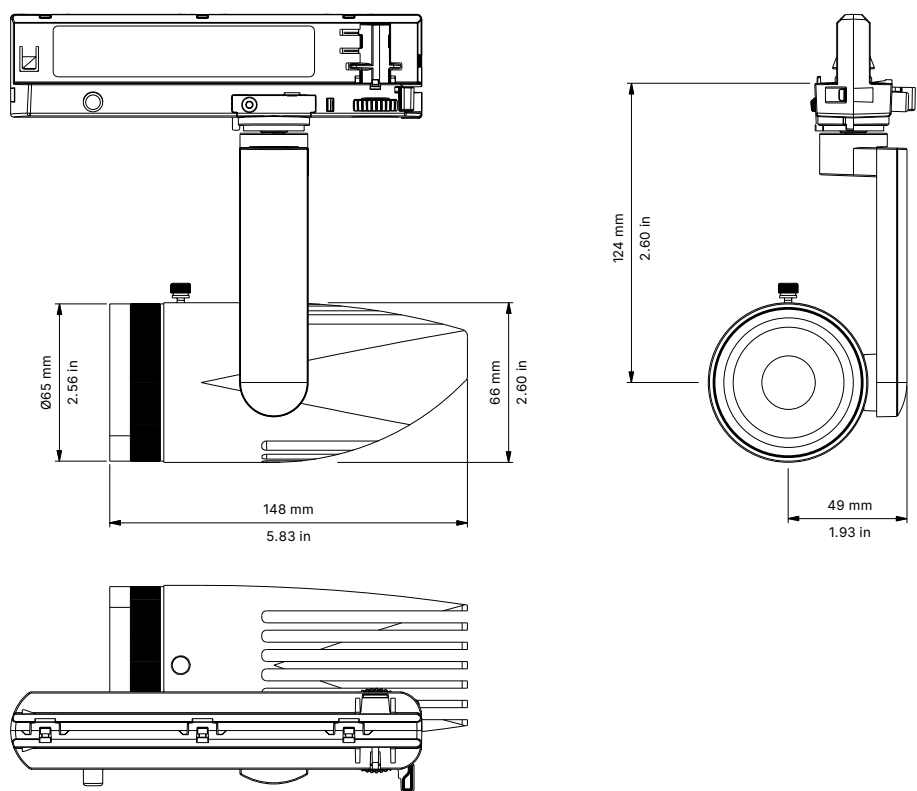


Four Barndoor

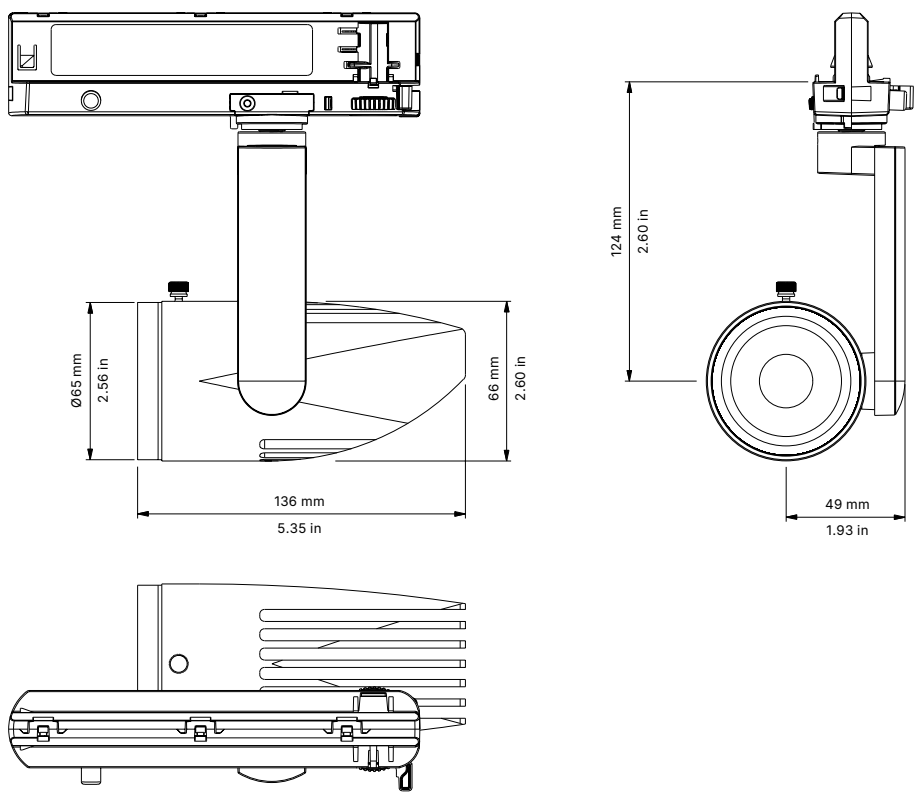
Profile Optic version



Wash Zoom Optic version



Fixed Optic version



DALI, DMX versions - Table A

Manufacturer	Type	Model	System
Eutrac	One Track	575 2 1101 575 2 1102 575 2 1103 575 2 1104	3-phase + SIGNAL
Nordic Aluminium	Global Track pulse DALI	XTSC 6x00 XTSCF 6x00 x=1, 2, 3, 4	3-phase + SIGNAL
Powergear	3 Circuits DALI track system	PRO-06X0, 064000 PRO-R6x0, R6400 x=1, 2, 3	3-phase + SIGNAL
Stucchi	One Track Advance	9000A-.../...-ST 9000A-.../...-R	3-phase + SIGNAL
Targetti	Eurostandard Plus	9000A-.../...-ST 9000A-.../...-R	3-phase + SIGNAL

On/Off, On board potentiometer, Bluetooth App versions - Table B *

Manufacturer	Type	Model	System
Eutrac	Surface Track	25-x0 x= 1, 2, 3, 4	3-phase
Ivela	3-phase LKM	7501-x0 x= 1, 2, 3, 4	3-phase
Nordic Aluminium	Global Track Pro	XTS 4x000 x= 1, 2, 3, 4	3-phase
Powergear	3 Circuit Track system	PRO-04x0 x= 1, 2, 3	3-phase

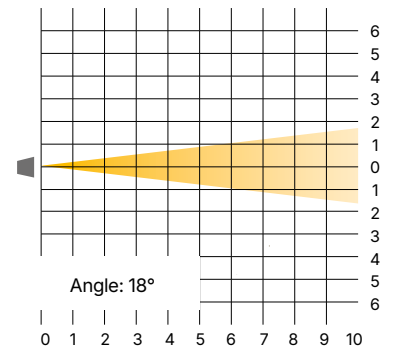
* On/Off, On board potentiometer, Bluetooth App versions products can also be switched on and powered by the tracks indicated in table A, but obviously they cannot be controlled or dimmed via a control signal

iMagine

Measurements taken at 2,50 mt

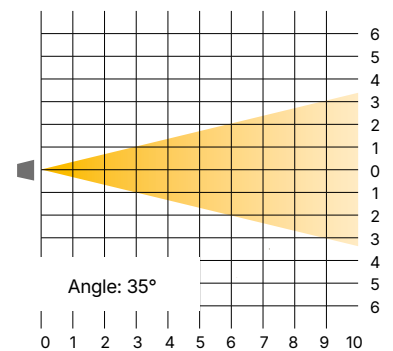
Profile Zoom 18°-35° - Minimum Zoom

Distance (m)	1	2	3	4	5	6	7	8	9	10	
lux	4.000 K	7875	1969	875	492	315	219	161	123	97	79
CRI96											
Ø (m)	0.33	0.65	0.98	1.30	1.63	1.95	2.28	2.61	2.93	3.26	



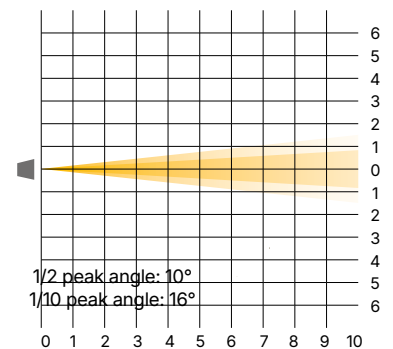
Profile Zoom 18°-35° - Maximum Zoom

Distance (m)		1	2	3	4	5	6	7	8	9	10
lux	4.000 K	2625	656	292	164	105	73	54	41	32	26
	CRI96										
Ø (m)		0.66	1.33	1.99	2.65	3.32	3.98	4.64	5.31	5.97	6.63



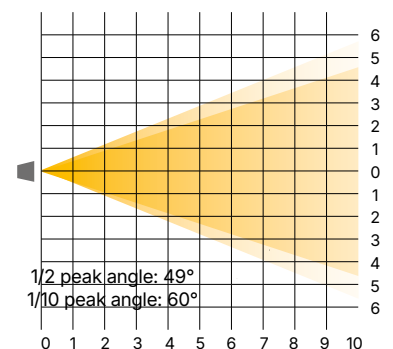
Wash Zoom 10°-55° - Minimum Zoom

Distance (m)	1	2	3	4	5	6	7	8	9	10	
lux	4.000 K	25063	6266	2785	1566	1003	696	511	392	309	251
CRI96											
1/2 P.A 10° Ø (m)	0.19	0.38	0.56	0.75	0.94	1.13	1.32	1.50	1.69	1.88	
1/10 P.A 16° Ø (m)	0.29	0.58	0.88	1.17	1.46	1.75	2.04	2.34	2.63	2.92	



Wash Zoom 10°-55° - Maximum Zoom

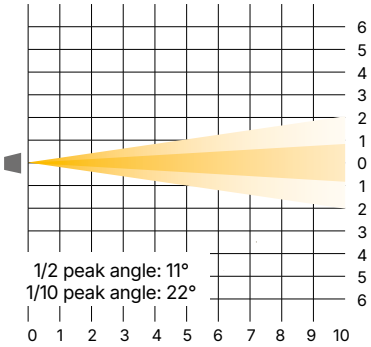
Distance (m)		1	2	3	4	5	6	7	8	9	10
lux	4.000 K	2169	542	241	136	87	60	44	34	27	22
CRI96											
1/2 P.A 49° Ø (m)		0.93	1.86	2.78	3.71	4.64	5.57	6.50	7.42	8.35	9.28
1/10 P.A 60° Ø (m)		1.17	2.34	3.50	4.67	5.84	7.01	8.18	9.34	10.51	11.68



iMagine
Measurements taken at 2.5 mt

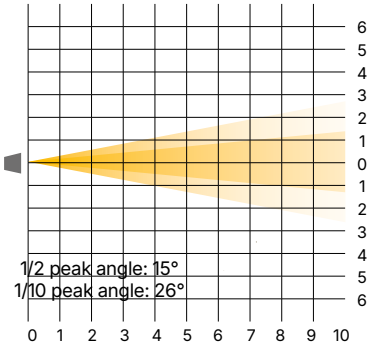
Fixed lens 15°

Distance (m)	1	2	3	4	5	6	7	8	9	10	
lux	4.000 K	22000	5500	2444	1375	880	611	449	344	272	220
CRI96											
1/2 P.A 11° Ø (m)	0.21	0.42	0.62	0.83	1.04	1.25	1.46	1.66	1.87	2.08	
1/10 P.A 22° Ø (m)	0.40	0.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00	



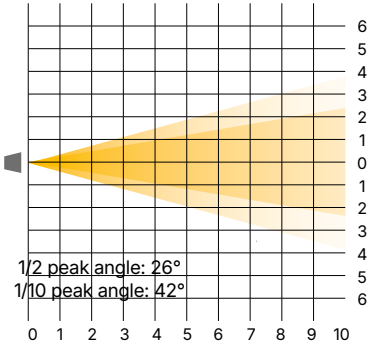
Fixed lens 20°

Distance (m)	1	2	3	4	5	6	7	8	9	10	
lux	4.000 K	16313	4078	1813	1020	653	453	333	255	201	163
CRI96											
1/2 P.A 15° Ø (m)	0.26	0.53	0.79	1.05	1.32	1.58	1.84	2.11	2.37	2.63	
1/10 P.A 26° Ø (m)	0.53	1.06	1.59	2.11	2.64	3.17	3.70	4.23	4.76	5.28	



Fixed lens 40°

Distance (m)	1	2	3	4	5	6	7	8	9	10	
lux	4.000 K	7063	1766	785	441	283	196	144	110	87	71
CRI96											
1/2 P.A 26° Ø (m)	0.46	0.92	1.39	1.85	2.31	2.77	3.23	3.69	4.16	4.62	
1/10 P.A 42° Ø (m)	0.77	1.54	2.30	3.07	3.84	4.61	5.37	6.14	6.91	7.68	



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