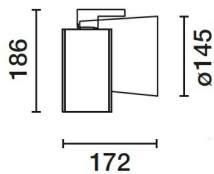


Last information update: June 2023

**Product configuration: N206**

N206: large body - warm white - wide flood optic

**Product code**N206: large body - warm white - wide flood optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on mains voltage track for high-performance LED source with CoB technology, with monochromatic Warm White (3000K) CRI90 emission. Product inclusive of OPTIBEAM interchangeable reflector with wide flood optic. Electronic control gear housed in the power supply box positioned vertically with respect to the optical compartment. Optical compartment made of die-cast aluminium, easily customisable thermoplastic power supply box. Features 360° rotation around the vertical axis and 90° inclination with respect to the horizontal axis. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

**Installation**

Mounted on electrified track or on base

**Colour**

White (01) | Black (04)

**Weight (Kg)**

1.72

**Mounting**

three circuit track|ceiling surface

**Wiring**

Product inclusive of electronic components

Complies with EN60598-1 and pertinent regulations

IP20

IP40

for optical  
assembly**Technical data**

lm system:	3472.5	CRI:	90
W system:	51	Colour temperature [K]:	3000
lm source:	4400	MacAdam Step:	3
W source:	46	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	68.1	Ballast losses [W]:	5
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	79	ZVEI Code:	LED
Beam angle [°]:	48°	Number of optical assemblies:	1

**Polar**

<p>Imax=6127 cd 90° 180° 90° 6000 0° α=48°</p>	<b>CIE</b>				<b>Lux</b>			
	nL 0.79				h			
	99-100-100-100-79				d			
	UGR <10-<10				Em			
	<b>DIN</b> A.61 <b>UTE</b> 0.79A+0.00T F*1=994 F*1+F*2=998 F*1+F*2+F*3=1000 <b>CIBSE</b> LG3 L<1000 cd/m² at 65° BZ1				Emax			
	2	1.8	1241	1495	4	3.6	310	374
	6	5.3	138	166	8	7.1	78	93

	R	77	75	73	71	55	53	33	00	DRR
K0.8	71	67	65	63	67	64	64	62	78	
1.0	74	71	69	67	70	68	68	65	83	
1.5	78	75	74	72	75	73	72	70	88	
2.0	80	79	77	76	77	76	75	73	93	
2.5	82	81	79	79	79	78	78	75	96	
3.0	83	82	81	80	81	80	79	77	98	
4.0	84	83	83	82	82	81	80	78	99	
5.0	84	84	83	83	83	82	81	79	100	

Photometric curve code: N2020000.B94											
Corrected UGR values (at 4400 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise				viewed endwise					
2H	2H	7.1	7.6	7.4	7.9	8.1	7.1	7.6	7.4	7.9	8.1
	3H	7.1	7.5	7.4	7.8	8.1	7.0	7.5	7.3	7.7	8.0
	4H	7.0	7.5	7.4	7.7	8.0	7.0	7.4	7.3	7.7	8.0
	6H	7.0	7.4	7.3	7.7	8.0	6.9	7.3	7.2	7.6	7.9
	8H	7.0	7.4	7.3	7.7	8.0	6.9	7.2	7.2	7.6	7.9
	12H	7.0	7.3	7.3	7.7	8.0	6.8	7.2	7.2	7.5	7.9
4H	2H	7.0	7.4	7.3	7.7	8.0	7.0	7.5	7.4	7.7	8.0
	3H	6.9	7.3	7.3	7.6	8.0	6.9	7.3	7.3	7.6	8.0
	4H	6.9	7.2	7.3	7.6	7.9	6.9	7.2	7.3	7.6	7.9
	6H	6.9	7.2	7.3	7.5	8.0	6.8	7.1	7.2	7.5	7.9
	8H	6.9	7.1	7.3	7.5	8.0	6.8	7.0	7.2	7.5	7.9
	12H	6.8	7.1	7.3	7.5	8.0	6.7	7.0	7.2	7.4	7.9
8H	4H	6.8	7.0	7.2	7.5	7.9	6.9	7.1	7.3	7.5	8.0
	6H	6.8	7.0	7.3	7.5	7.9	6.8	7.0	7.3	7.5	8.0
	8H	6.8	7.0	7.3	7.4	7.9	6.8	7.0	7.3	7.4	7.9
	12H	6.8	6.9	7.3	7.4	7.9	6.8	6.9	7.3	7.4	7.9
12H	4H	6.7	7.0	7.2	7.4	7.9	6.8	7.1	7.3	7.5	8.0
	6H	6.8	6.9	7.2	7.4	7.9	6.8	7.0	7.3	7.4	7.9
	8H	6.8	6.9	7.3	7.4	7.9	6.8	6.9	7.3	7.4	7.9

Variations with the observer position at spacing:

S =	1.0H	6.0 / -6.3	6.0 / -6.3
	1.5H	8.8 / -6.8	8.8 / -6.8
	2.0H	10.8 / -7.0	10.8 / -7.0