Front Light

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: N286
N286: Neutral White - Flood Optic

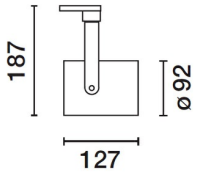
Product code
N286: Neutral White - Flood Optic **Attention! Code no longer in production**

Technical description
Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Equipped with electronic ballast. Luminaire complete with LED unit, C.O.B. technology, and flood optic with neutral white colour.

Installation
On an electrified track

Colour
White (01) | Black (04) | Grey / Black (74)

Weight (Kg)
0.95



Mounting
three circuit track

Wiring
product complete with electronic components

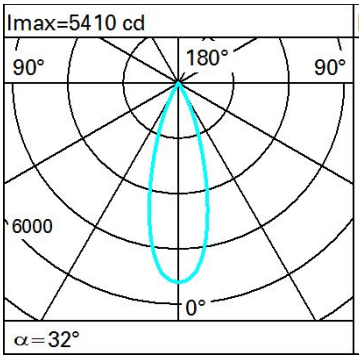
Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Technical data

lm system:	1756	CRI (minimum):	80
W system:	15.4	Colour temperature [K]:	4000
lm source:	2200	MacAdam Step:	2
W source:	14	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	114	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	80	Number of optical assemblies:	1
Beam angle [°]:	32°		

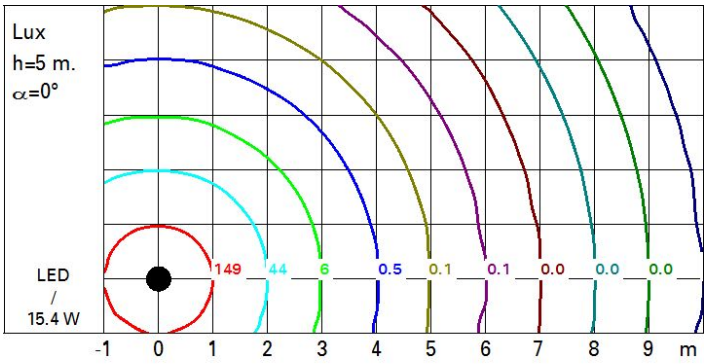
Polar



Lux

h	d	Em	Emax
2	1.1	1068	1353
4	2.3	267	338
6	3.4	119	150
8	4.6	67	85

Isolux



UGR diagram

Corrected UGR values (at 2200 lm bare lamp luminous flux)

Riflect.: ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	7.7	8.2	8.0	8.5	8.7	7.7	8.2	8.0	8.5	8.7
	3H	7.7	8.1	8.0	8.4	8.7	7.6	8.1	7.9	8.4	8.6
	4H	7.6	8.1	8.0	8.4	8.7	7.5	8.0	7.9	8.3	8.6
	6H	7.6	8.0	7.9	8.3	8.7	7.5	7.9	7.8	8.2	8.5
	8H	7.6	8.0	7.9	8.3	8.6	7.4	7.8	7.8	8.2	8.5
	12H	7.5	7.9	7.9	8.3	8.6	7.4	7.8	7.8	8.1	8.5
4H	2H	7.5	8.0	7.9	8.3	8.6	7.6	8.1	8.0	8.4	8.7
	3H	7.5	7.9	7.9	8.3	8.6	7.6	8.0	8.0	8.3	8.7
	4H	7.5	7.9	7.9	8.2	8.6	7.5	7.9	7.9	8.2	8.6
	6H	7.5	7.8	7.9	8.2	8.6	7.5	7.8	7.9	8.2	8.6
	8H	7.5	7.7	7.9	8.2	8.6	7.4	7.7	7.9	8.1	8.6
	12H	7.4	7.7	7.9	8.1	8.6	7.4	7.6	7.9	8.1	8.5
8H	4H	7.4	7.7	7.9	8.1	8.6	7.5	7.7	7.9	8.2	8.6
	6H	7.4	7.7	7.9	8.1	8.6	7.4	7.7	7.9	8.1	8.6
	8H	7.4	7.6	7.9	8.1	8.5	7.4	7.6	7.9	8.1	8.5
	12H	7.3	7.5	7.8	8.0	8.5	7.3	7.5	7.8	8.0	8.5
12H	4H	7.4	7.6	7.9	8.1	8.5	7.4	7.7	7.9	8.1	8.6
	6H	7.4	7.6	7.9	8.0	8.5	7.4	7.6	7.9	8.0	8.5
	8H	7.3	7.5	7.8	8.0	8.5	7.3	7.5	7.8	8.0	8.5

Variations with the observer position at spacing:

S =	1.0H	5.7 / -5.7	5.7 / -5.7
	1.5H	8.4 / -6.5	8.4 / -6.5
	2.0H	10.4 / -6.9	10.4 / -6.9