Tecnica Evo

Design iGuzzini **iGuzzini**

Last information update: May 2025

Product configuration: R363.01
R363.01: body Ø 117 mm - food - flood optic - 37.9W 2366lm - White

Product code
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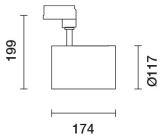
Technical description
Adjustable mediumlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. mediumlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit with colour tone calibrated for meat products. Anti-scratch reflector made of P.V.D (physical vapour deposition) aluminium that can provide optimum performance in terms of light efficiency. Flood optic. Possibility of installing a flat accessory, like a glass cover or an elliptical distribution refractor. Interchangeable reflectors that can be ordered as an accessory.

Installation
On an electrified track or special base

Colour	**Weight (Kg)**
White (01)	1.1



Mounting
three circuit track

Wiring
Product complete with electronic components

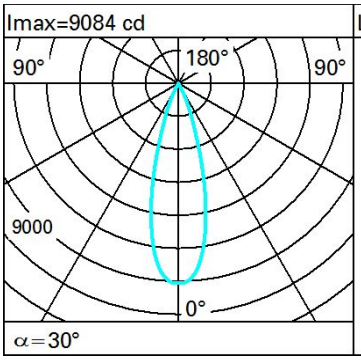
Complies with EN60598-1 and pertinent regulations

IP20 IP40 With accessory installed

Technical data

lm system:	2366	MacAdam Step:	3
W system:	37.9	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
lm source:	2600	Lamp code:	LED
W source:	34	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	62.4	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	91	Inrush current:	18 A / 250 µs
Beam angle [°]:	30°	Overvoltage protection:	2kV Common mode & 1kV Differential mode
CRI (minimum):	80	Control:	On/off

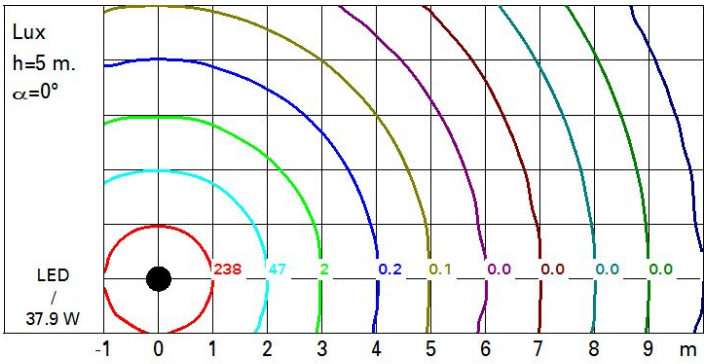
Polar



Lux

h	d	Em	Emax
2	1.1	1804	2271
4	2.1	451	568
6	3.2	200	252
8	4.2	113	142

Isolux



UGR diagram

Corrected UGR values (at 2600 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	-3.2	-1.0	-2.8	-0.7	-0.4	-3.2	-1.0	-2.8	-0.7	-0.4
	3H	-3.2	-1.5	-2.8	-1.1	-0.8	-3.3	-1.5	-2.9	-1.2	-0.9
	4H	-3.2	-1.7	-2.8	-1.4	-1.0	-3.3	-1.9	-2.9	-1.5	-1.2
	6H	-3.1	-2.0	-2.7	-1.7	-1.3	-3.3	-2.2	-2.9	-1.9	-1.5
	8H	-3.1	-2.0	-2.7	-1.7	-1.3	-3.3	-2.3	-2.9	-1.9	-1.6
	12H	-3.1	-2.1	-2.7	-1.7	-1.3	-3.4	-2.4	-3.0	-2.0	-1.6
4H	2H	-3.3	-1.9	-2.9	-1.5	-1.2	-3.2	-1.7	-2.8	-1.4	-1.0
	3H	-3.1	-2.1	-2.7	-1.8	-1.4	-3.1	-2.1	-2.7	-1.7	-1.3
	4H	-3.1	-2.2	-2.7	-1.8	-1.4	-3.1	-2.2	-2.7	-1.8	-1.4
	6H	-3.3	-1.6	-2.9	-1.2	-0.7	-3.5	-1.7	-3.0	-1.3	-0.8
	8H	-3.4	-1.5	-2.9	-1.0	-0.5	-3.6	-1.6	-3.1	-1.2	-0.7
	12H	-3.4	-1.4	-2.9	-0.9	-0.4	-3.7	-1.7	-3.2	-1.2	-0.6
8H	4H	-3.6	-1.6	-3.1	-1.2	-0.7	-3.4	-1.5	-2.9	-1.0	-0.5
	6H	-3.5	-1.6	-3.0	-1.1	-0.6	-3.4	-1.5	-2.9	-1.0	-0.5
	8H	-3.3	-1.7	-2.8	-1.2	-0.6	-3.3	-1.7	-2.8	-1.2	-0.6
	12H	-3.1	-2.0	-2.6	-1.5	-1.0	-3.1	-2.0	-2.6	-1.5	-1.0
12H	4H	-3.7	-1.7	-3.2	-1.2	-0.6	-3.4	-1.4	-2.9	-0.9	-0.4
	6H	-3.5	-1.8	-2.9	-1.3	-0.7	-3.3	-1.7	-2.8	-1.2	-0.6
	8H	-3.1	-2.0	-2.6	-1.5	-1.0	-3.1	-2.0	-2.6	-1.5	-1.0

Variations with the observer position at spacing:

S =			
	1.0H	3.7 / -2.7	3.7 / -2.7
	1.5H	6.1 / -3.6	6.1 / -3.6
	2.0H	8.0 / -4.2	8.0 / -4.2