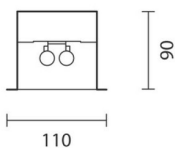


Last information update: October 2023

Product configuration: 5829+L105

5829: Module with digital dimmable electronic (DALI) control gear



100x(1174/1474xN+13)
N = numero apparecchi

Product code5829: Module with digital dimmable electronic (DALI) control gear **Attention! Code no longer in production****Technical description**

Lighting fitting recessed into the false ceiling for fluorescent light sources with general light emission. The structure and removable end caps are made of painted galvanised sheet steel and the flow director of painted galvanised sheet steel. The diffusing opaline polycarbonate diffuser screen is subjected to anti-UV treatment. The installation brackets are made of galvanised sheet steel. The fitting is treated with RAL9016 liquid painting. The diffuser screen has a fall-prevention system made up of a double steel safety cable. The modules can be combined to make continuous lines.

Installation

Installation is carried out either by special brackets or on the surface of a modular false ceiling. No tools are needed to tighten the brackets, which are suitable for false ceilings 1 to 35 mm thick. The hole for the recessed product is 100x1487 mm.

Colour

White (01)

Mounting

ceiling recessed

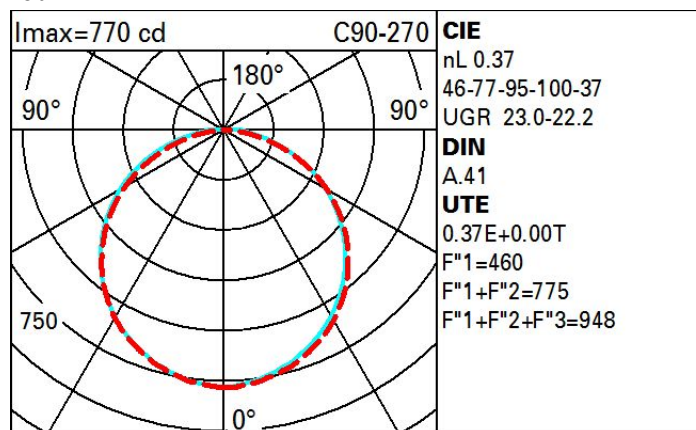
Wiring

Fitting complete with digital dimmable electronic control gear (DALI). The fast-coupling terminal boards for electrical connection can be accessed both from the back of and from inside the product. The product is designed for through wiring and comes equipped with switch dim - regulation also by means of standard electronic button. Occupies 1 DALI address.

Complies with EN60598-1 and pertinent regulations

**Technical data**

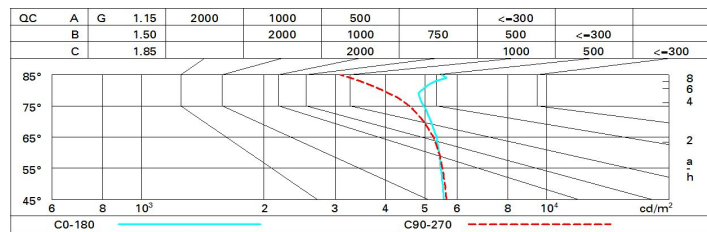
Im system:	2239	Colour temperature [K]:	6500
W system:	80	Ballast losses [W]:	10
Im source:	3050	Voltage [Vin]:	230
W source:	35	Lamp code:	L105
Luminous efficiency (Im/W, real value):	28	Socket:	G5
Im in emergency mode:	-	Number of lamps for optical assembly:	2
Total light flux at or above an angle of 90° [Lm]:	2	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	37	Number of optical assemblies:	1
CRI:	86	Control:	DALI

Polar

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	24	20	17	15	19	17	17	14	38
1.0	26	23	20	18	22	19	19	17	45
1.5	30	27	25	23	26	24	24	21	58
2.0	32	30	28	26	29	27	27	25	67
2.5	34	32	30	28	31	29	29	27	73
3.0	35	33	31	30	32	31	30	28	77
4.0	36	34	33	32	34	33	32	30	82
5.0	37	35	34	33	35	34	33	31	85

Luminance curve limit



UGR diagram

Corrected UGR values (at 6100 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	18.6	19.8	18.9	20.1	20.3	18.7	19.9	19.0	20.1	20.4
	3H	20.3	21.4	20.7	21.7	22.0	19.2	20.3	19.5	20.6	20.9
	4H	21.0	22.0	21.4	22.3	22.7	19.4	20.4	19.8	20.7	21.0
	6H	21.6	22.5	22.0	22.9	23.2	19.5	20.4	19.9	20.8	21.1
	8H	21.9	22.8	22.2	23.1	23.5	19.5	20.4	19.9	20.7	21.1
	12H	22.1	23.0	22.5	23.3	23.7	19.5	20.3	19.9	20.7	21.1
4H	2H	19.3	20.3	19.7	20.6	21.0	20.9	21.9	21.3	22.2	22.6
	3H	21.2	22.0	21.6	22.4	22.8	21.6	22.5	22.0	22.8	23.2
	4H	22.0	22.8	22.4	23.2	23.6	21.9	22.7	22.3	23.1	23.5
	6H	22.7	23.4	23.2	23.8	24.2	22.2	22.8	22.6	23.3	23.7
	8H	23.0	23.7	23.5	24.1	24.5	22.2	22.9	22.7	23.3	23.7
	12H	23.3	23.9	23.8	24.4	24.8	22.3	22.8	22.7	23.3	23.7
8H	4H	22.3	22.9	22.7	23.3	23.8	22.6	23.3	23.1	23.7	24.1
	6H	23.2	23.7	23.6	24.1	24.6	23.0	23.5	23.5	24.0	24.5
	8H	23.6	24.0	24.1	24.5	25.0	23.2	23.6	23.7	24.1	24.6
	12H	24.0	24.4	24.5	24.9	25.4	23.3	23.7	23.8	24.2	24.7
12H	4H	22.3	22.9	22.8	23.3	23.8	22.7	23.3	23.2	23.7	24.2
	6H	23.2	23.7	23.7	24.1	24.6	23.1	23.6	23.6	24.1	24.6
	8H	23.7	24.1	24.2	24.6	25.1	23.3	23.7	23.8	24.2	24.7
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.1				
	1.5H	0.2 / -0.3					0.2 / -0.3				
	2.0H	0.3 / -0.5					0.4 / -0.5				