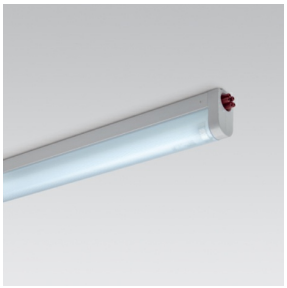
Mini Reglette

Design iGuzzini **iGuzzini**

Last information update: September 2020

Product configuration: 5280+L043
5280: 28WDALI



Product code
5280: 28WDALI **Attention! Code no longer in production**

Technical description
High output luminaire for general lighting designed to use T16 fluorescent lamps. Extruded aluminium component-holding box. Polycarbonate standard protective screen. Joints for direct electric and mechanical connection included with the product. Simplified installation and maintenance. Ceiling/wall mounting kit included with the product. T16 fluorescent lamp included with colour temperature 3000°K.

Installation
Ceiling- and wall-mounted.

Colour
White (01)

Mounting
wall surface|ceiling surface

Wiring
The luminaire has a DALI electronic ballast

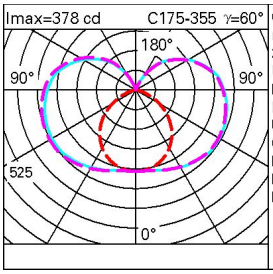
Complies with EN60598-1 and pertinent regulations

960°C IP20

Technical data

lm system:	2291	Colour temperature [K]:	3000
W system:	32	Ballast losses [W]:	4
lm source:	2600	Voltage [Vin]:	230
W source:	28	Lamp code:	L043
Luminous efficiency (lm/W, real value):	71.6	Socket:	G5
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	700	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	88	Number of optical assemblies:	1
CRI:	86	Control:	DALI

Polar



CIE
nL 0.88
29-56-80-69-88
UGR 25.3-20.0
DIN
B.21
UTE
0.61J+0.27T
F"1=294
F"1+F"2=561
F"1+F"2+F"3=795

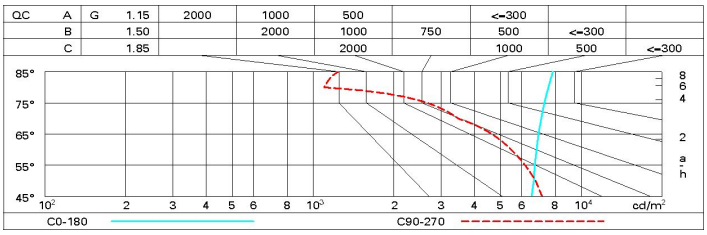
Lux

h	d1	d2	Em	Emax
1	-	2.5	129	309
2	-	4.9	32	77
3	-	7.4	14	34
4	-	9.9	8	19

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	46	36	29	24	32	26	24	15	25
1.0	52	42	35	29	37	31	28	19	31
1.5	60	51	45	39	46	40	36	26	42
2.0	65	57	51	46	51	46	42	31	51
2.5	68	62	56	51	55	51	46	35	57
3.0	71	65	60	55	58	54	48	37	61
4.0	74	69	65	61	62	58	52	41	68
5.0	76	71	68	64	64	61	55	44	72

Luminance curve limit



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	18.0	19.0	18.8	19.7	20.6	15.0	15.9	15.7	16.6	17.6
	3H	20.7	21.5	21.4	22.3	23.3	16.0	16.8	16.7	17.6	18.6
	4H	22.0	22.8	22.8	23.6	24.6	16.5	17.3	17.3	18.1	19.1
	6H	23.3	24.1	24.1	24.9	25.9	16.9	17.7	17.7	18.5	19.5
	8H	24.0	24.7	24.8	25.6	26.6	17.1	17.8	17.9	18.6	19.6
	12H	24.6	25.4	25.4	26.2	27.2	17.1	17.9	17.9	18.7	19.7
4H	2H	18.6	19.5	19.4	20.2	21.2	16.4	17.3	17.2	18.0	19.0
	3H	21.5	22.2	22.3	23.0	24.0	17.8	18.5	18.6	19.3	20.4
	4H	23.0	23.7	23.8	24.5	25.5	18.7	19.3	19.5	20.1	21.2
	6H	24.6	25.1	25.4	26.0	27.0	19.6	20.1	20.4	21.0	22.0
	8H	25.3	25.9	26.2	26.7	27.8	20.0	20.5	20.8	21.4	22.4
	12H	26.1	26.6	26.9	27.4	28.5	20.3	20.8	21.2	21.7	22.7
8H	4H	23.3	23.9	24.2	24.7	25.8	19.2	19.7	20.0	20.6	21.6
	6H	25.2	25.6	26.0	26.5	27.6	20.4	20.9	21.3	21.8	22.9
	8H	26.1	26.5	27.0	27.4	28.5	21.2	21.6	22.0	22.5	23.6
	12H	27.0	27.4	27.9	28.3	29.4	21.9	22.3	22.8	23.2	24.3
12H	4H	23.3	23.8	24.2	24.7	25.8	19.2	19.7	20.1	20.6	21.7
	6H	25.2	25.6	26.1	26.5	27.6	20.5	20.9	21.4	21.8	22.9
	8H	26.3	26.6	27.1	27.5	28.6	21.4	21.7	22.3	22.6	23.7

Variations with the observer position at spacing:

S =			
	1.0H	0.1 / -0.1	0.1 / -0.0
	1.5H	0.2 / -0.2	0.2 / -0.2
	2.0H	0.2 / -0.3	0.3 / -0.4