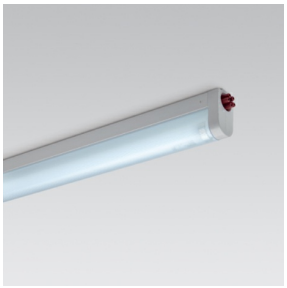
Mini Reglette

Design iGuzzini **iGuzzini**

Last information update: September 2020

Product configuration: 5281+L105
5281: 35WDALI



Product code
5281: 35WDALI **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

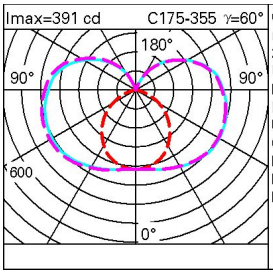
Complies with EN60598-1 and pertinent regulations

960°C IP20

Technical data

lm system:	2337	Colour temperature [K]:	6500
W system:	40	Ballast losses [W]:	5
lm source:	3050	Voltage [Vin]:	230
W source:	35	Lamp code:	L105
Luminous efficiency (lm/W, real value):	58.4	Socket:	G5
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	717	ZVEI Code:	T 16
Light Output Ratio (L.O.R.) [%]:	77	Number of optical assemblies:	1
CRI:	86	Control:	DALI

Polar



CIE
nL 0.77
29-56-80-69-77
UGR 24.7-19.2
DIN
B.21
UTE
0.53J+0.24T
F"1=294
F"1+F"2=561
F"1+F"2+F"3=796

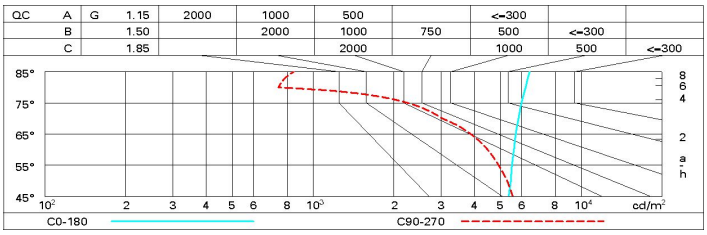
Lux

h	d1	d2	Em	Emax
1	-	2.5	131	312
2	-	4.9	33	78
3	-	7.4	15	35
4	-	9.9	8	19

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	40	32	26	21	28	23	21	13	25
1.0	45	36	30	26	32	27	24	16	31
1.5	52	45	39	34	40	35	31	22	42
2.0	56	50	45	40	45	40	36	27	51
2.5	59	54	49	45	48	44	40	30	57
3.0	61	56	52	48	50	47	42	33	61
4.0	64	60	56	53	54	51	46	36	68
5.0	66	62	59	56	56	53	48	38	72

Luminance curve limit



UGR diagram

Corrected UGR values (at 3050 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	17.4	18.3	18.1	19.1	20.0	14.1	15.1	14.9	15.8	16.7
	3H	20.0	20.9	20.8	21.7	22.6	15.1	16.0	15.9	16.8	17.7
	4H	21.4	22.2	22.1	23.0	23.9	15.7	16.5	16.5	17.3	18.3
	6H	22.7	23.5	23.5	24.3	25.3	16.1	16.9	16.9	17.7	18.7
	8H	23.4	24.1	24.2	24.9	25.9	16.3	17.0	17.1	17.9	18.9
	12H	24.0	24.7	24.8	25.5	26.5	16.4	17.1	17.2	17.9	18.9
4H	2H	17.9	18.8	18.7	19.6	20.5	15.7	16.5	16.4	17.3	18.2
	3H	20.8	21.6	21.6	22.4	23.4	17.0	17.7	17.8	18.5	19.5
	4H	22.4	23.0	23.2	23.8	24.9	17.8	18.5	18.7	19.3	20.3
	6H	23.9	24.5	24.7	25.3	26.4	18.7	19.3	19.6	20.2	21.2
	8H	24.7	25.2	25.5	26.1	27.1	19.2	19.7	20.0	20.6	21.6
	12H	25.4	25.9	26.3	26.8	27.8	19.5	20.0	20.4	20.9	21.9
8H	4H	22.7	23.2	23.5	24.1	25.1	18.3	18.9	19.2	19.7	20.8
	6H	24.5	24.9	25.4	25.8	26.9	19.6	20.0	20.4	20.9	22.0
	8H	25.4	25.8	26.3	26.7	27.8	20.3	20.7	21.2	21.6	22.7
	12H	26.4	26.7	27.2	27.6	28.7	21.1	21.4	22.0	22.3	23.4
12H	4H	22.7	23.2	23.5	24.0	25.1	18.4	18.9	19.2	19.7	20.8
	6H	24.6	25.0	25.4	25.9	27.0	19.7	20.1	20.6	21.0	22.1
	8H	25.6	25.9	26.5	26.8	28.0	20.5	20.9	21.4	21.8	22.9

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