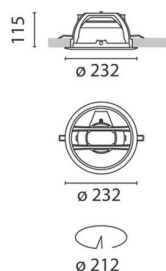


Last information update: March 2019

**Recessed fitting with diffuser glass 70 W HIT-DE****Attention! Code no longer in production****Product code**

3929

**Technical description**

Diecast aluminium recessed fitting designed to use metal-halide lamps (HIT-DE). The diecast structure acts as a heat dissipater, consequently optimising performance levels and ensuring outputs of up to 75%. The polished superpure aluminium reflector is made up of two parts. The first part, just above the light source, acts as a flow director, while the other, fastened to the fitting by means of a system of counter springs, can be removed for quick effortless maintenance. The component box, separate from the fitting, is designed for fast-connection wiring. The fastening springs guarantee excellent anchoring to false ceilings ranging from 1 to 25 mm in thickness. The fitting is designed for installation in public environments and can be positioned on surfaces made with inflammable materials.

**Installation**

Recessed with 212-mm diameter holes.

**Dimension (mm)**

Ø232x115

**Colour**

White/Aluminium (39) | Grey/Aluminium (78)

**Mounting**

ceiling recessed

**Wiring**

Three wiring systems: phased electromagnetic, phased electromagnetic with impulse-controlled ignitor and electronic - inside special boxes (to be ordered separately).

Complies with EN60598-1 and pertinent regulations

**Product configuration: 3929+L063**

L063: Metal halide lamp Mastercolour CDM-TD 70W Rx7s 4200 K (Philips)

**Product characteristics**

Total lighting output [Lm]: 3935,9

Total power [W]: 70

Luminous efficacy [Lm/W]: 56,2

Number of optical assemblies: 1

Total luminous flux at or above an angle of 90° [Lm]: 0,4

Emergency luminous flux [Lm]: /

Voltage [V]: -

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 69

Lamp code: L063

ZVEI Code: HIT-DE-CE

Nominal power [W]: 70

Nominal luminous [Lm]: 5700

Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 1

Socket: Rx7s

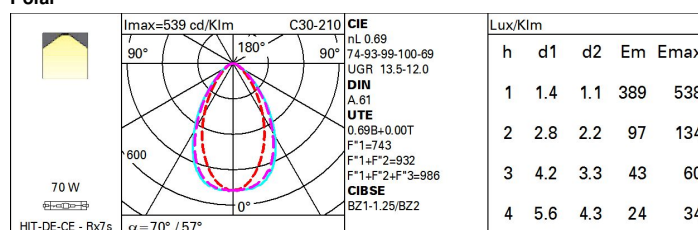
Ballast losses [W]: 0

Colour temperature [K]: 4200

CRI: 92

Wavelength [Nm]: /

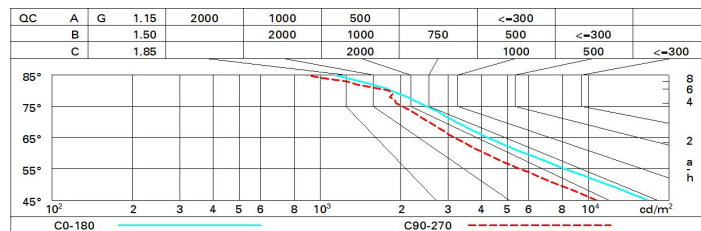
MacAdam Step: /

**Polar**

# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	54	49	45	42	48	45	44	41	59
1.0	58	53	50	47	52	49	49	45	66
1.5	63	60	57	54	59	56	55	52	76
2.0	66	64	61	59	62	60	59	57	82
2.5	68	66	64	62	65	63	62	59	86
3.0	69	68	66	64	66	65	64	61	89
4.0	71	69	68	67	68	67	66	63	92
5.0	72	70	69	68	69	68	67	65	94

# Luminance curve limit



# UGR diagram

Photometric curve code: 39290000.744											
Uncorrected UGR values (at 1000 lm bare lamp luminous flux)											
Reflect.:											
ceiling	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											
x											
y											
2H	2H	12.7	13.6	13.0	13.8	14.1	11.2	12.1	11.5	12.3	12.6
	3H	13.0	13.8	13.4	14.1	14.4	11.4	12.2	11.7	12.4	12.7
	4H	13.1	13.9	13.5	14.2	14.5	11.4	12.1	11.8	12.4	12.7
	6H	13.2	13.9	13.6	14.2	14.5	11.4	12.0	11.7	12.4	12.7
	8H	13.2	13.9	13.6	14.2	14.5	11.4	12.0	11.7	12.3	12.7
	12H	13.2	13.8	13.6	14.2	14.5	11.3	11.9	11.7	12.3	12.6
4H	2H	12.7	13.5	13.1	13.8	14.1	11.6	12.4	12.0	12.7	13.0
	3H	13.2	13.8	13.5	14.1	14.5	11.9	12.5	12.3	12.9	13.2
	4H	13.3	13.9	13.7	14.2	14.6	12.0	12.5	12.4	12.9	13.3
	6H	13.4	13.9	13.9	14.3	14.7	12.0	12.5	12.5	12.9	13.3
	8H	13.5	13.9	13.9	14.3	14.8	12.0	12.5	12.5	12.9	13.3
	12H	13.5	13.9	13.9	14.3	14.8	12.0	12.4	12.4	12.8	13.3
8H	4H	13.3	13.7	13.7	14.1	14.6	12.2	12.6	12.6	13.0	13.5
	6H	13.5	13.8	13.9	14.3	14.7	12.2	12.6	12.7	13.1	13.5
	8H	13.5	13.8	14.0	14.3	14.8	12.3	12.6	12.8	13.0	13.5
	12H	13.5	13.8	14.0	14.3	14.8	12.3	12.5	12.8	13.0	13.5
12H	4H	13.2	13.6	13.7	14.1	14.5	12.2	12.6	12.6	13.0	13.4
	6H	13.4	13.7	13.9	14.2	14.7	12.3	12.6	12.7	13.0	13.5
	8H	13.5	13.8	14.0	14.3	14.8	12.3	12.6	12.8	13.0	13.6
Variations with the observer position at spacing:											
S =	1.0H		1.0	/	-1.3				1.1	/	-1.3
	1.5H		2.5	/	-2.3				1.8	/	-2.3
	2.0H		4.1	/	-3.1				3.2	/	-2.8