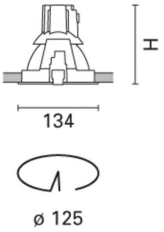
Reflex

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: M385+L052
M385: frame 35W HIT G8,5



Product code
M385: frame 35W HIT G8,5 **Attention! Code no longer in production**

Technical description
Recessed fixed round luminaire designed to use a metal halide lamp 35W HIT G8.5. Version with die-cast aluminium rim for surface-mounting. Professional optic for use with a discharge lamp. Die-cast aluminium body and 99.9% super pure aluminium reflector. The luminaire is fitted with a borosilicate glass capsule which protects the lamp from knocks and dust, guaranteeing IP43 protection. Light distribution with professional optic with controlled luminance UGR<19 usable in rooms where video terminals are present.

Installation
Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 20 mm.

Colour
White / Aluminium (39)

Mounting
ceiling recessed

Wiring
Product complete with electronic components

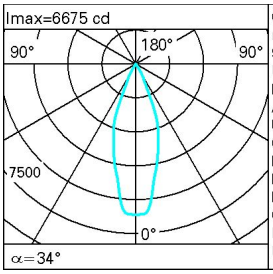
Complies with EN60598-1 and pertinent regulations

IP43

Technical data

lm system:	2344	CRI:	81
W system:	39	Colour temperature [K]:	3000
lm source:	3300	Voltage [Vin]:	230
W source:	35	Lamp code:	L052
Luminous efficiency (lm/W, real value):	60.1	Socket:	G8,5
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	HIT-TC-CE
Light Output Ratio (L.O.R.) [%]:	71	Number of optical assemblies:	1
Beam angle [°]:	34°		

Polar



CIE
nL 0.71
99-100-100-100-71
UGR <10-<10
DIN
A.61
UTE
0.71A+0.00T
F"1=994
F"1+F"2=1000
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°
UGR<10 I L<1500 cd/mq @65°

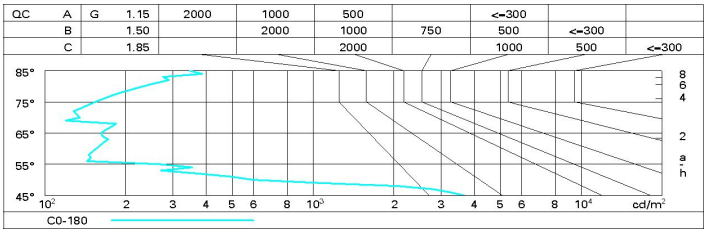
Lux

h	d	Em	Emax
2	1.2	1269	1669
4	2.4	317	417
6	3.7	141	185
8	4.9	79	104

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	64	61	58	57	60	58	58	55	78
1.0	67	64	62	60	63	61	61	59	83
1.5	70	68	66	65	67	66	65	63	88
2.0	72	71	69	68	70	69	68	66	93
2.5	74	72	72	71	71	71	70	68	96
3.0	75	74	73	72	73	72	71	69	98
4.0	75	75	74	74	74	73	72	70	99
5.0	76	75	75	75	74	74	73	71	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3300 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	8.3	8.9	8.6	9.1	9.4	8.3	8.9	8.6	9.1	9.4
	3H	8.2	8.7	8.5	9.0	9.2	8.2	8.7	8.5	9.0	9.2
	4H	8.1	8.6	8.5	8.9	9.2	8.1	8.6	8.5	8.9	9.2
	6H	8.0	8.5	8.4	8.8	9.1	8.0	8.5	8.4	8.8	9.1
	8H	8.0	8.4	8.4	8.8	9.1	8.0	8.4	8.4	8.7	9.1
	12H	8.0	8.4	8.4	8.7	9.1	8.0	8.4	8.3	8.7	9.1
4H	2H	8.1	8.6	8.5	8.9	9.2	8.1	8.6	8.5	8.9	9.2
	3H	8.0	8.4	8.3	8.7	9.1	8.0	8.4	8.3	8.7	9.1
	4H	7.9	8.2	8.3	8.6	9.0	7.9	8.2	8.3	8.6	9.0
	6H	7.8	8.1	8.2	8.5	8.9	7.8	8.1	8.2	8.5	8.9
	8H	7.8	8.0	8.2	8.5	8.9	7.8	8.0	8.2	8.4	8.9
	12H	7.7	8.0	8.2	8.4	8.9	7.7	8.0	8.2	8.4	8.8
8H	4H	7.8	8.0	8.2	8.4	8.9	7.8	8.0	8.2	8.5	8.9
	6H	7.7	7.9	8.1	8.3	8.8	7.7	7.9	8.1	8.3	8.8
	8H	7.6	7.8	8.1	8.3	8.8	7.6	7.8	8.1	8.3	8.8
	12H	7.6	7.7	8.1	8.2	8.8	7.6	7.7	8.1	8.2	8.7
12H	4H	7.7	8.0	8.2	8.4	8.8	7.7	8.0	8.2	8.4	8.9
	6H	7.6	7.8	8.1	8.3	8.8	7.6	7.8	8.1	8.3	8.8
	8H	7.6	7.7	8.1	8.2	8.7	7.6	7.7	8.1	8.2	8.8

Variations with the observer position at spacing:

S =			
1.0H	8.0 / -14.7	8.0 / -14.7
1.5H	8.8 / -15.2	8.8 / -15.2
2.0H	10.8 / -15.2	10.8 / -15.2