iGuzzini

Last information update: May 2024

## Product configuration: P685

P685: spotlight - warm white wide flood optic



#### Product code

P685: spotlight - warm white wide flood optic Attention! Code no longer in production

### Technical description

Adjustable spotlight with adapter for installation on mains voltage track for LED source with CoB technology, Warm White (3000K) emission. Electronic control gear housed inside the track-mounted power supply box. The luminaire is made of die-cast aluminium and thermoplastic. OPTI BEAM superpure aluminium reflector with high luminous efficacy and uniform distribution, wide flood optic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

### Installation

The luminaire can be installed on a standard electrified track or on an appropriate channel incorporating an electrified track.

Colour

White (01) | Black (04)

Weight (Kg) 1.82

## Mounting

three circuit track|ceiling surface

# Wiring

product inclusive of electronic components incorporated into the track-mounted box.

Complies with EN60598-1 and pertinent regulations



**IP20** 



for optical assembly



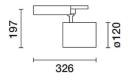












# Technical data Im system:

3796 W system: 36.8 5000 Im source: W source: Luminous efficiency (lm/W, 103.2

48°

real value):

Im in emergency mode: Total light flux at or above an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 76

[%]:

Beam angle [°]:

CRI:

Colour temperature [K]: MacAdam Step: Life Time LED 1:

> 50,000h - L80 - B10 (Ta 25°C) LED

80

3000

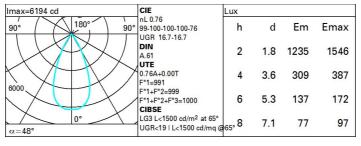
Lamp code: Number of lamps for optical

assembly:

ZVEI Code: LED Number of optical

assemblies:

### Polar



# **Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	68	65	62	60	64	62	61	59	78
1.0	71	68	66	64	67	65	65	63	82
1.5	75	73	71	69	72	70	69	67	88
2.0	77	76	74	73	74	73	72	70	93
2.5	79	77	76	75	76	75	75	73	95
3.0	80	79	78	77	78	77	76	74	98
4.0	81	80	79	79	79	78	77	75	99
5.0	81	81	80	80	79	79	78	76	100

# Luminance curve limit

2C	A	G	1.15	2000	1000	500		<=300		
	В		1.50		2000	1000	750	500	<=300	
	С		1.85			2000		1000	500	<=300
85° [							<del>-                                    </del>			
	<									8
75°	_									→ '
85°										1
55°										
65° 55° 45° 1	O <sup>2</sup>		2	3 4 5	6 8 10	03	2 3	4 5 6	8 104	cd/m²

1 4H 1 8H	/ I.	0.70 0.50 0.20 17.3 17.2 17.1 17.0 17.0 17.0	0.70 0.30 0.20 17.9 17.7 17.6 17.5 17.4 17.4	0.50 0.50 0.20 viewed crosswisi 17.6 17.5 17.4 17.4 17.4		0.30 0.30 0.20 18.3 18.2 18.2 18.1 18.1	0.70 0.50 0.20 17.3 17.2 17.1 17.0 17.0	0.70 0.30 0.20 17.9 17.7 17.6 17.5 17.4 17.4	0.50 0.50 0.20 viewed endwise 17.6 17.5 17.5 17.4 17.4	0.50 0.30 0.20 18.1 18.0 17.9 17.8 17.7	0.30 0.30 0.20 18.3 18.3 18.3
walls work pl. Room d x 2H 1 4H	2H 3H 4H 6H 8H 12H	17.3 17.2 17.1 17.0 17.0	17.9 17.6 17.5 17.4 17.4	0.50 0.20 viewed crosswisi 17.6 17.5 17.4 17.4 17.3	0.30 0.20 e 18.1 18.0 17.9 17.8 17.7	0.30 0.20 18.3 18.2 18.2 18.1 18.1	17.3 17.2 17.1 17.0 17.0	0.30 0.20 17.9 17.7 17.6 17.5 17.4	0.50 0.20 viewed endwise 17.6 17.5 17.5 17.4	0.30 0.20 18.1 18.0 17.9 17.8 17.7	18.3 18.3 18.3 18.3 18.3
work pl. Room d x 2H 1 4H 1	2H 3H 4H 6H 8H 12H	17.3 17.2 17.1 17.0 17.0	17.9 17.7 17.6 17.5 17.4	0.20 viewed crosswise 17.6 17.5 17.4 17.4 17.4	0.20 e 18.1 18.0 17.9 17.8 17.7	18.3 18.2 18.2 18.1 18.1	17.3 17.2 17.1 17.0 17.0	17.9 17.7 17.6 17.5 17.4	0.20 viewed endwise 17.6 17.5 17.5 17.4 17.4	18.1 18.0 17.9 17.8 17.7	18. 18. 18. 18.
2H 1 4H 1 8H	2H 3H 4H 6H 8H 12H	17.3 17.2 17.1 17.0 17.0 17.0	17.9 17.7 17.6 17.5 17.4	17.6 17.5 17.4 17.4 17.4 17.4	18.1 18.0 17.9 17.8 17.7	18.3 18.2 18.2 18.1 18.1	17.3 17.2 17.1 17.0 17.0	17.9 17.7 17.6 17.5 17.4	17.6 17.5 17.5 17.4 17.4	18.1 18.0 17.9 17.8 17.7	18. 18. 18. 18.
2H 1 1 4H 1 8H	y 2H 3H 4H 6H 8H 12H	17.2 17.1 17.0 17.0 17.0	17.9 17.7 17.6 17.5 17.4	17.6 17.5 17.4 17.4 17.4 17.4	18.1 18.0 17.9 17.8 17.7	18.2 18.2 18.1 18.1	17.2 17.1 17.0 17.0	17.9 17.7 17.6 17.5 17.4	17.6 17.5 17.5 17.4 17.4	18.1 18.0 17.9 17.8 17.7	18. 18. 18.
2H 1 4H 1 8H	2H 3H 4H 6H 8H 12H	17.2 17.1 17.0 17.0 17.0	17.9 17.7 17.6 17.5 17.4	17.6 17.5 17.4 17.4 17.4 17.3	18.1 18.0 17.9 17.8 17.7	18.2 18.2 18.1 18.1	17.2 17.1 17.0 17.0	17.9 17.7 17.6 17.5 17.4	17.6 17.5 17.5 17.4 17.4	18.1 18.0 17.9 17.8 17.7	18. 18. 18.
1 4H 1 8H	3H 4H 6H 8H 12H	17.2 17.1 17.0 17.0 17.0	17.7 17.6 17.5 17.4 17.4	17.5 17.4 17.4 17.4 17.3	18.0 17.9 17.8 17.7	18.2 18.2 18.1 18.1	17.2 17.1 17.0 17.0	17.7 17.6 17.5 17.4	17.5 17.5 17.4 17.4	18.0 17.9 17.8 17.7	18. 18. 18.
1 4H 1 8H	4H 6H 8H 12H	17.1 17.0 17.0 17.0	17.6 17.5 17.4 17.4	17.4 17.4 17.4 17.3	17.9 17.8 17.7	18.2 18.1 18.1	17.1 17.0 17.0	17.6 17.5 17.4	17.5 17.4 17.4	17.9 17.8 17.7	18. 18.
1 4H 1	6H 8H 12H	17.0 17.0 17.0	17.5 17.4 17.4	17.4 17.4 17.3	17.8 17.7	18.1 18.1	17.0 17.0	17.5 17.4	17.4 17.4	17.8 17.7	18. 18.
1 4H 1	8H 12H 2H	17.0 17.0	17.4 17.4	17.4 17.3	17.7	18.1	17.0	17.4	17.4	17.7	18.
1 4H 1 8H	12H 2H	17.0 17.1	17.4	17.3							
4H 1	2H	17.1	(BA49500)	0908304	17.7	18.0	17.0	17.4	17.3	17.7	
1 8H		177	17.6	2221			2017	(20000000)	45355	11.1	18.
1 8H	ЗН	17.0		17.5	17.9	18.2	17.1	17.6	17.4	17.9	18.
1 8H		17.0	17.4	17.3	17.7	18.1	17.0	17.4	17.3	17.7	18.
1 8H	4H	16.9	17.2	17.3	17.6	18.0	16.9	17.2	17.3	17.6	18.
1 8H	6H	16.8	17.1	17.2	17.5	17.9	16.8	17.1	17.2	17.5	17.
8Н	HS	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.
	12H	16.7	16.9	17.2	17.4	17.8	16.7	16.9	17.2	17.4	17.
	4H	16.7	17.0	17.2	17.4	17.9	16.7	17.0	17.2	17.4	17.
	6H	16.7	16.9	17.1	17.3	17.8	16.7	16.9	17.1	17.3	17.
1	H8	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.
	12H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.
12H	4H	16.7	16.9	17.2	17.4	17.8	16.7	16.9	17.2	17.4	17.
	6H	16.6	16.8	17.1	17.3	17.8	16.6	16.8	17.1	17.3	17.
	H8	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.
Variatio	ons wi	th the ob	oserverp	noitieo	at spacin	g:					
S = 1	1.0H		6.	4 / -15	.1			6.	4 / -15	.1	
1		9.2 / -17.5					9.2 / -17.5				