

## Pixer Recessed 1200x300

PIXER RECESSED 1200X300 HE 4P 4000K9 DALI EM  
2069401



### Product features

- PIXER RECESSED 1200X300 HE 4P 4000K9 DALI EM is a high performance low glare office luminaire with individually adjustable light pods to enhance architectural design. Diffuser is made of optical grade polycarbonate with an optical film for high efficacy and excellent glare control. Suitable for offices where aesthetics is important. Ceiling recessed 1200x300mm, White colour - RAL9010. DALI dimmable, 4000K Neutral White LED, CRI>90, chromaticity tolerance of 3-step MacAdam ellipse. Lumen package of 3280 lm, total power consumption 28W, efficacy 117lm/W. Lumen maintenance of L90B10 at 61,000 hours. UGR<19. IK02, IP20. Electrical protection: Class II. 3hr maintained emergency lighting. Glow wire test 650°C.



## PRODUCT OVERVIEW

IPC Code	2069401
Product name	PIXER RECESSED 1200X300 HE 4P 4000K9 DALI EM
Technology	LED (3 SDCM)
Housing	Powder coated steel
Mount	Recessed (surface mounting with accessory)
Fixture rating	Enclosed
General application	Office,Hospitality,Education,
Certifications	EUNEW001
ETIM Class	EC002892
Fixture luminous flux (lm)	3283
Luminaire efficacy (lm/W)	117
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Glare control	<19
Photobiological Risk Group	RG0
Total power consumption (W)	28
Electrical protection	Class II
Control gear type	DALI
Control gear mounting	Remote
Dimmable	Y
Housing colour	White
IP rating	IP20
IK rating	IK02
Product EAN number	5025768694013
Lamps	Yes
Included lamp	INTEGRATED LED

## DATA TABLE

### General data

IPC Code	2069401
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<b>Mount</b>	Recessed (surface mounting with accessory)
<b>Fixture rating</b>	Enclosed
<b>General application</b>	Office,Hospitality,Education,
<b>Certifications</b>	EUNEW001
<b>ETIM Class</b>	EC002892

### Optical data

<b>Fixture luminous flux (lm)</b>	3283
<b>Luminaire efficacy (lm/W)</b>	117
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>CRI (Ra)</b>	90
<b>Colour Variation Initial (SDCM)</b>	3
<b>Glare control</b>	<19
<b>Photobiological Risk Group</b>	RG0
<b>Emergency duration (h)</b>	3

### Electrical data

<b>Total power consumption (W)</b>	28
<b>Mains voltage (V)</b>	220-240V~
<b>Electrical protection</b>	Class II
<b>Control gear required</b>	No
<b>Control gear type</b>	DALI
<b>Control gear mounting</b>	Remote
<b>Dimmable</b>	Y
<b>Drive current (mA)</b>	800
<b>Inrush Current (A)</b>	28
<b>Inrush Duration (µs)</b>	195
<b>Glow Wire Test (°C)</b>	850
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. Luminaires per 10A C Breaker</b>	21
<b>Max. Luminaires per 13A C Breaker</b>	30
<b>Max. Luminaires per 16A C Breaker</b>	36
<b>Max. Luminaires per 20A C Breaker</b>	46
<b>Max. Luminaires per 10A B Breaker</b>	13
<b>Max. Luminaires per 13A B Breaker</b>	18
<b>Max. Luminaires per 16A B Breaker</b>	22
<b>Max. Luminaires per 20A B Breaker</b>	28

### Lifetime data

<b>Lumen maintenance - L70 B50</b>	72000
<b>Lumen maintenance - L70 B20</b>	72000
<b>Lumen maintenance - L80 B50</b>	72000
<b>Lumen maintenance - L80 B20</b>	72000
<b>Lumen maintenance - L80 B10</b>	72000
<b>Lumen maintenance - L90 B50</b>	72000

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Lumen maintenance - L90 B20	66000
Lumen maintenance - L90 B10	61000

### Physical data

Housing colour	White
IP rating	IP20
IK rating	IK02
Diffuser finish	Clear
Diffuser material	Polycarbonate
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	295
Nominal Product Height (mm)	75
Weight (kg)	6.2

### Packaging

Single packaging type	Carton
Product EAN number	5025768694013
Packaging single length / height (cm)	132.3
Packaging single width (cm)	33.9
Packaging single depth (cm)	11.6
DUN14 (outer)	05025768694013
Units per outer package	1
Packaging outer length / height (cm)	132.3
Packaging outer width (cm)	33.9
Packaging outer depth (cm)	11.6

### Safety data

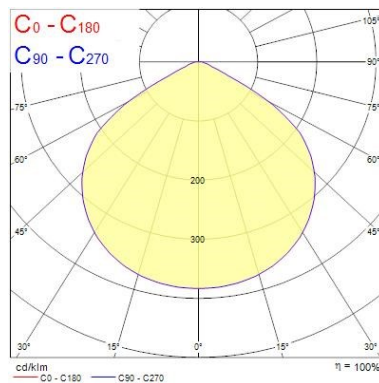
Dry applications use only	Yes
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## PHOTOMETRY

0.5	0.88 0.88	E(0°) E(C90) E(C0)	6371 1346 1362
1.0	1.76 1.75	E(0°) E(C90) E(C0)	1593 336 340
1.5	2.64 2.63	E(0°) E(C90) E(C0)	708 150 151
2.0	3.53 3.50	E(0°) E(C90) E(C0)	396 84 85
2.5	4.41 4.38	E(0°) E(C90) E(C0)	255 54 54
3.0	5.29 5.25	E(0°) E(C90) E(C0)	177 37 38

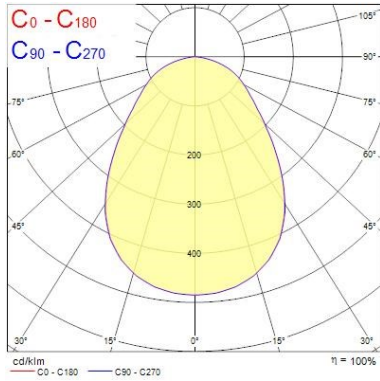
Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 92.4°)  
— C90 - C270 (Half beam angle: 82.8°)



## Pixer Recessed 1200x300

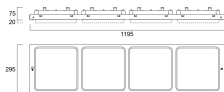
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0.5	1.51	E(0°) E(C0)	56.4°	133 10
1.0	3.01	E(0°) E(C0)	56.4°	31 3
1.5	4.52	E(0°) E(C0)	56.4°	14 1
2.0	6.02	E(0°) E(C0)	56.4°	9 1
2.5	7.53	E(0°) E(C0)	56.4°	6 0
3.0	9.03	E(0°) E(C0)	56.4°	3 0

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 112.8°)

## TECHNICAL DRAWINGS



**Concord 2069401**

This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

874/2012

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**Concord** 2069401 874/2012

A++  
A+  
A  
~~B~~  
~~C~~  
~~D~~  
~~E~~

LED