

Luminaire Specification (For Ref. Only)

Ver.	Date	Lamp holder	Model No	Series	Field of Application	Luminaire Category	Installation Method	Status	Energy Class
1		N/A	F31600RC	Berto	Indoor	Integrated	Recessed, Surface Mount, Suspended	Production Confirmed	A+++toA

1 General

Measurement

Diameter [mm]
Length [mm]
Width [mm]
Height [mm]

N/A

1195

295

10

Recess

Cutout [mm]
Trim [mm]
Ceiling depth [mm]
Cutoff angle [°]

N/A

N/A

12

Weight

Luminaires only [g]

3618

Adjustable

N/A

Life Time

[Hr]

50000

Working Temp

[°C]

-30 to +40

2 Color

Body color and Finishing

Color

Description

SV63

Silver-gray, Metal, Anodizing, Sandblast, #2

WH26

White, Metal, Paint sprayed, Matt, #6

3 Electrical

Maximum loading

[W]

35

Voltage

[V]

DC 23-27

Frequency

[Hz]

N/A

Power Factor

1

No. of lamps

[pc]

1

Power cable type

Type

AWM2468 2x18#AWG
(2x0.824mm²)

Power cable length

[M]

Power Cable Length (M)

0.5m

Power plug type

Power Plug type

N/A

Control gear

Model

N/A

Connection Box

Connection Box

Description

(blank)

N/A

Max. no. of luminaire looping through

4 Parts

Body

Aluminium+PMMA

Glass

Material

N/A

Finish

N/A

Cover

Material

PMMA

Suspended length

[M]

N/A

Suspended type & material

N/A

Reflector

Code

Description

N/A

Optional parts

Parts

LA10012 Suspension kits for LED Panel Light

LA10014 Ceiling Surface Mounting kits for LED Pan

5 Standard

Glow-wire

[°C]


650

Minimum distance from illuminated object

[m]

0.1

Prepared by	Checked by (R&D Engineer)	Approved by (R&D Manager)
Date	Date	Date



lightplus
A bright vision on light

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IP Rating

IK Rating

Flammability

Protection Class

Approval mark

Industry standards

Notes

Upper	Lower
IP20	IP23

N/A
non-covered F-mark
Class III

Approval Mark

Norm
IEC/EN60598-1
IEC/EN60598-2-2

6 Drawing

File Description	File Link
F31600RC-141210.dwg	\\192.168.12.102\Luminaries\develop\F31600RC\Drawing\F31600RC-141210.dwg
F31600RC-141210.pdf	\\192.168.12.102\Luminaries\develop\F31600RC\Drawing\F31600RC-141210.pdf

7 Remarks


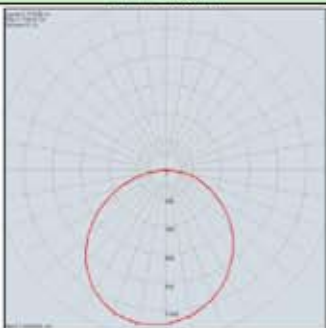
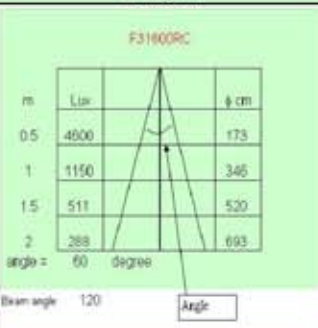

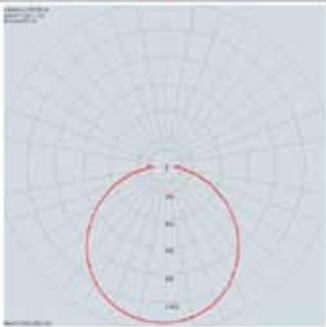
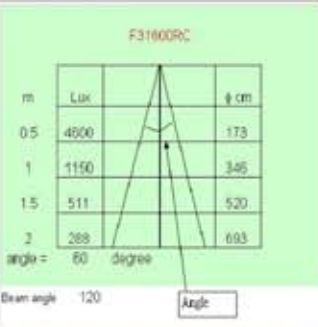


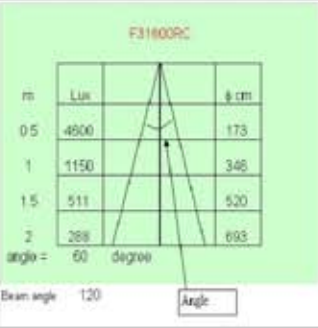
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8 Lamp and Photometric Data

Lamp	Luminaires with lamp (g)	Maximum intensity (cd)	Central intensity (cd)	Beam Angle [°]	ULOR [%]	LLOR [%]	Lamp Information	CRI	Lum Flux	Colour Consistency
Integrated LED - 3000K		1150	1150	120	0	100		80	2800	≤6
Integrated LED - 4000K		1150	1150	120	0	100		80	3000	≤6
Integrated LED - 6500K		1150	1150	120	0	100		80	3100	≤6

Lamp	Lamp photo	Polar diagram	cd diagram
Integrated LED - 3000K			<p>F31600RC</p>  <p>Beam angle 120</p>
Integrated LED - 4000K			<p>F31600RC</p>  <p>Beam angle 120</p>
Integrated LED - 6500K			<p>F31600RC</p>  <p>Beam angle 120</p>

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