

Rotaris TBS740

TBS740 1xTL5C60W/840 HFP O FU IP WH

TBS740 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

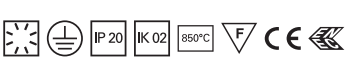
Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	FU [Fuse included]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501649703
Full product code	910501649703
Full product name	TBS740 1xTL5C60W/840 HFP O FU IP WH
Order product name	TBS740 1xTL5C60W/840 HFP O FU IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634883
Logistic code(s) - 12NC	910501649703
Net weight per piece	3.300 kg



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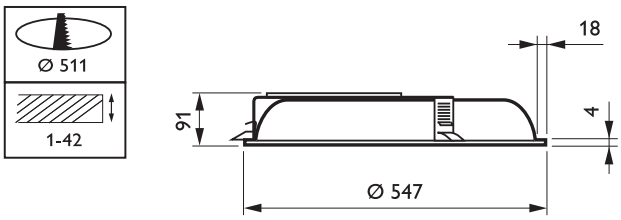
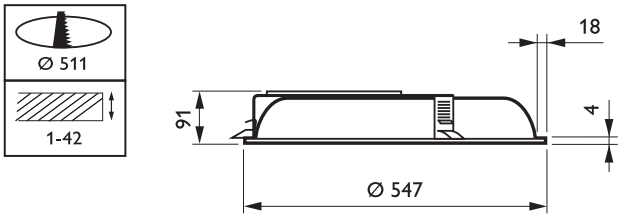
Dimensional drawing



TBS740 1xTL5C60W/840 HFP O FU IP WH



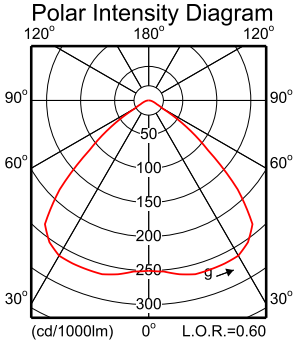
TBS740 1xTL5C60W/840 HFP O FU IP WH

Photometric data

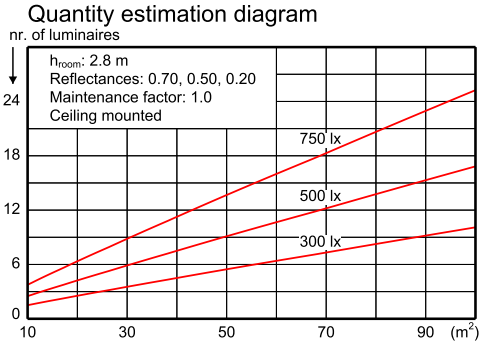
TBS740 1xTL5C60W HFP

1 x 5000 lm

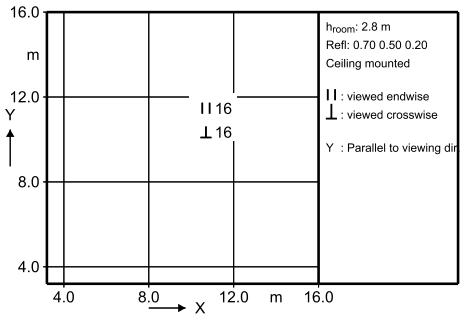
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.60
Service upward 0.00
Service downward 0.60

CIE flux code 67 96 99 100 60

S/H ratio crosswise max. 1.5
lengthwise max. 1.6

UGRcen (4Hx8H, 0.25H) 15
EN12464-1 65 deg, 1000 cd/m2
CIBSE: LG3 65 deg, 1000 cd/m2

UTE71-121: 0.60C + 0.00T

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00					
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00					
0.60	0.36	0.34	0.36	0.35	0.34	0.30	0.30	0.28	0.30	0.28	0.27					
0.80	0.43	0.40	0.42	0.41	0.40	0.36	0.36	0.33	0.35	0.33	0.32					
1.00	0.48	0.45	0.47	0.46	0.44	0.41	0.40	0.38	0.40	0.38	0.37					
1.25	0.53	0.49	0.52	0.50	0.48	0.45	0.45	0.42	0.44	0.42	0.41					
1.50	0.56	0.51	0.55	0.53	0.51	0.48	0.47	0.45	0.47	0.45	0.44					
2.00	0.62	0.55	0.60	0.57	0.55	0.52	0.52	0.50	0.51	0.49	0.48					
2.50	0.65	0.57	0.63	0.60	0.57	0.55	0.54	0.53	0.53	0.52	0.51					
3.00	0.67	0.59	0.65	0.61	0.58	0.57	0.56	0.54	0.55	0.54	0.52					
4.00	0.70	0.60	0.68	0.63	0.60	0.58	0.57	0.56	0.56	0.56	0.54					
5.00	0.71	0.61	0.69	0.64	0.60	0.59	0.58	0.57	0.57	0.57	0.55					

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	5472	5472	5472
50.0	3597	3597	3597
55.0	2313	2313	2313
60.0	874	874	874
65.0	555	555	555
70.0	441	441	441
75.0	349	349	349
80.0	289	289	289
85.0	192	192	192
90.0	0	0	0

(cd/m2)

LVW1342200

2012-05-03

TBS740 1xTL5C60W HFP



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2013, July 9
data subject to change



Rotaris TBS740

TBS740 1xTL5C60W/830 HFP O IP WH SC

TBS740 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	SC [Safety cable]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501649503
Full product code	910501649503
Full product name	TBS740 1xTL5C60W/830 HFP O IP WH SC
Order product name	TBS740 1xTL5C60W/830 HFP O IP WH SC
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634869
Logistic code(s) - 12NC	910501649503
Net weight per piece	3.300 kg



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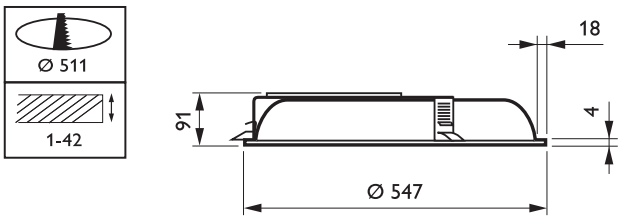
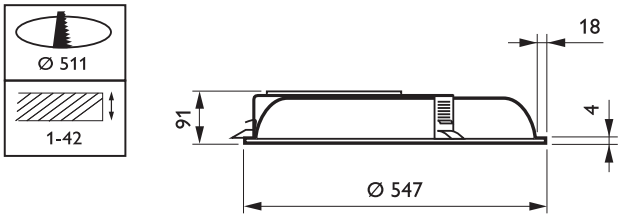
Dimensional drawing



TBS740 1xTL5C60W/830 HFP O IP WH SC



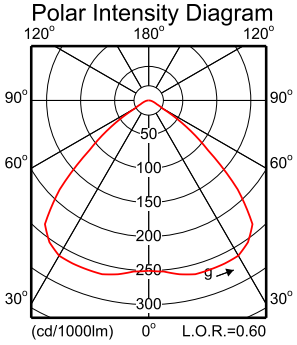
TBS740 1xTL5C60W/830 HFP O IP WH SC

Photometric data

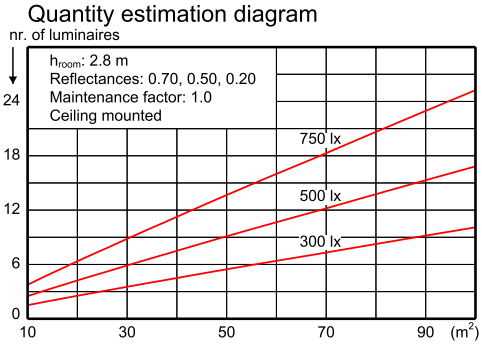
TBS740 1xTL5C60W HFP

1 x 5000 lm

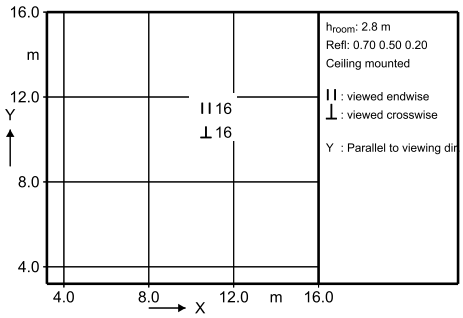
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.60
Service upward 0.00
Service downward 0.60

CIE flux code 67 96 99 100 60

S/H ratio crosswise max. 1.5
lengthwise max. 1.6

UGRcen (4Hx8H, 0.25H) 15
EN12464-1 65 deg, 1000 cd/m2
CIBSE: LG3 65 deg, 1000 cd/m2

UTE71-121: 0.60C + 0.00T

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00					
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00					
0.60	0.36	0.34	0.36	0.35	0.34	0.30	0.30	0.28	0.30	0.28	0.27					
0.80	0.43	0.40	0.42	0.41	0.40	0.36	0.36	0.33	0.35	0.33	0.32					
1.00	0.48	0.45	0.47	0.46	0.44	0.41	0.40	0.38	0.40	0.38	0.37					
1.25	0.53	0.49	0.52	0.50	0.48	0.45	0.45	0.42	0.44	0.42	0.41					
1.50	0.56	0.51	0.55	0.53	0.51	0.48	0.47	0.45	0.47	0.45	0.44					
2.00	0.62	0.55	0.60	0.57	0.55	0.52	0.52	0.50	0.51	0.49	0.48					
2.50	0.65	0.57	0.63	0.60	0.57	0.55	0.54	0.53	0.53	0.52	0.51					
3.00	0.67	0.59	0.65	0.61	0.58	0.57	0.56	0.54	0.55	0.54	0.52					
4.00	0.70	0.60	0.68	0.63	0.60	0.58	0.57	0.56	0.56	0.56	0.54					
5.00	0.71	0.61	0.69	0.64	0.60	0.59	0.58	0.57	0.57	0.57	0.55					

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	5472	5472	5472
50.0	3597	3597	3597
55.0	2313	2313	2313
60.0	874	874	874
65.0	555	555	555
70.0	441	441	441
75.0	349	349	349
80.0	289	289	289
85.0	192	192	192
90.0	0	0	0

(cd/m2)

LVW1342200

2012-05-03

TBS740 1xTL5C60W HFP



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2013, August 3
data subject to change



Rotaris TBS740

TBS740 1xTL5C60W/830 HFP O IP WH

TBS740 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

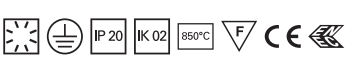
Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501649303
Full product code	910501649303
Full product name	TBS740 1xTL5C60W/830 HFP O IP WH
Order product name	TBS740 1xTL5C60W/830 HFP O IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634845
Logistic code(s) - 12NC	910501649303
Net weight per piece	3.300 kg



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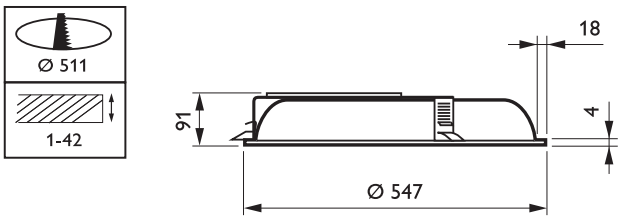
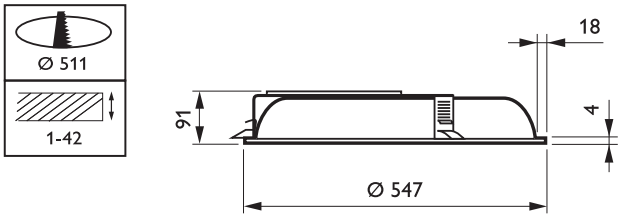
Dimensional drawing



TBS740 1xTL5C60W/830 HFP O IP WH



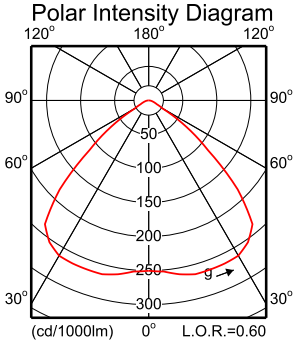
TBS740 1xTL5C60W/830 HFP O IP WH

Photometric data

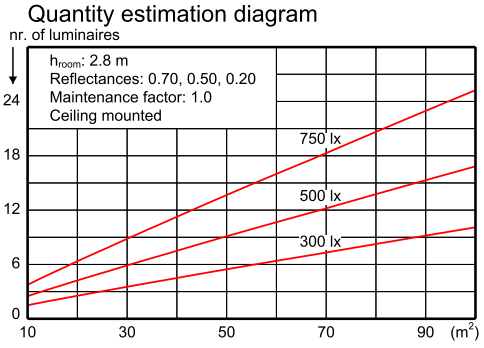
TBS740 1xTL5C60W HFP

1 x 5000 lm

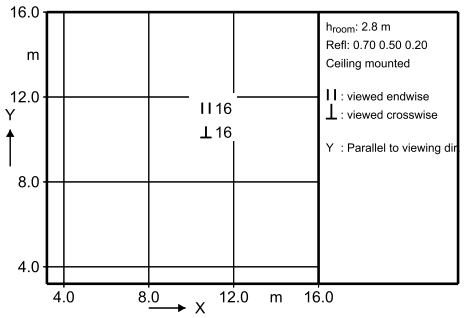
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.60
Service upward 0.00
Service downward 0.60

CIE flux code 67 96 99 100 60

S/H ratio crosswise max. 1.5
lengthwise max. 1.6

UGRcen (4Hx8H, 0.25H) 15
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Utilisation factor table

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	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00					
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00					
0.60	0.36	0.34	0.36	0.35	0.34	0.30	0.30	0.28	0.30	0.28	0.27					
0.80	0.43	0.40	0.42	0.41	0.40	0.36	0.36	0.33	0.35	0.33	0.32					
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1.25	0.53	0.49	0.52	0.50	0.48	0.45	0.45	0.42	0.44	0.42	0.41					
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3.00	0.67	0.59	0.65	0.61	0.58	0.57	0.56	0.54	0.55	0.54	0.52					
4.00	0.70	0.60	0.68	0.63	0.60	0.58	0.57	0.56	0.56	0.56	0.54					
5.00	0.71	0.61	0.69	0.64	0.60	0.59	0.58	0.57	0.57	0.57	0.55					

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	5472	5472	5472
50.0	3597	3597	3597
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60.0	874	874	874
65.0	555	555	555
70.0	441	441	441
75.0	349	349	349
80.0	289	289	289
85.0	192	192	192
90.0	0	0	0

(cd/m2)

LVW1342200

2012-05-03

TBS740 1xTL5C60W HFP



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www.philips.com/lighting

2013, July 9
data subject to change



Rotaris TBS740

TBS740 1xTL5C60W/830 HFP P IP WH SC

TBS740 - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Standard

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Product data

• General information

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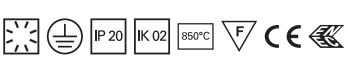
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	SC [Safety cable]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501649403
Full product code	910501649403
Full product name	TBS740 1xTL5C60W/830 HFP P IP WH SC
Order product name	TBS740 1xTL5C60W/830 HFP P IP WH SC
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634852
Logistic code(s) - 12NC	910501649403
Net weight per piece	3.300 kg



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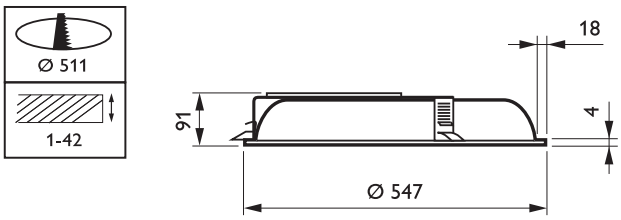
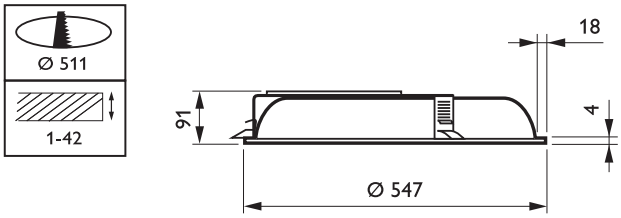
Dimensional drawing



TBS740 1xTL5C60W/830 HFP P IP WH SC



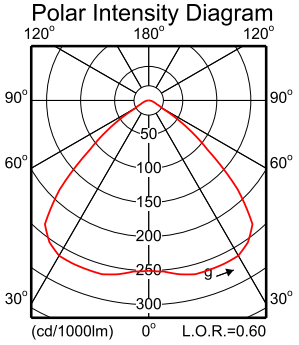
TBS740 1xTL5C60W/830 HFP P IP WH SC

Photometric data

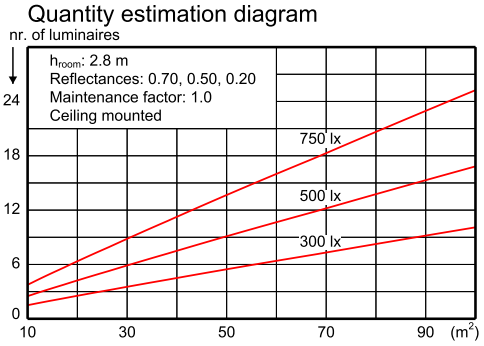
TBS740 1xTL5C60W HFP

1 x 5000 lm

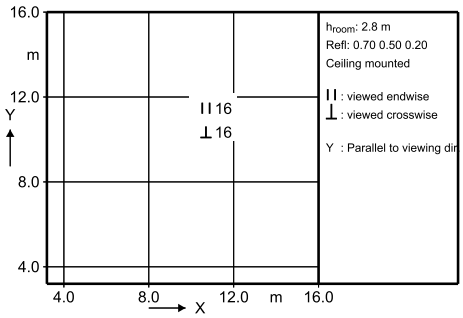
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.60
Service upward 0.00
Service downward 0.60

CIE flux code 67 96 99 100 60

S/H ratio crosswise max. 1.5
lengthwise max. 1.6

UGRcen (4Hx8H, 0.25H) 15
EN12464-1 65 deg, 1000 cd/m2
CIBSE: LG3 65 deg, 1000 cd/m2

UTE71-121: 0.60C + 0.00T

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00					
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00					
0.60	0.36	0.34	0.36	0.35	0.34	0.30	0.30	0.28	0.30	0.28	0.27					
0.80	0.43	0.40	0.42	0.41	0.40	0.36	0.36	0.33	0.35	0.33	0.32					
1.00	0.48	0.45	0.47	0.46	0.44	0.41	0.40	0.38	0.40	0.38	0.37					
1.25	0.53	0.49	0.52	0.50	0.48	0.45	0.45	0.42	0.44	0.42	0.41					
1.50	0.56	0.51	0.55	0.53	0.51	0.48	0.47	0.45	0.47	0.45	0.44					
2.00	0.62	0.55	0.60	0.57	0.55	0.52	0.52	0.50	0.51	0.49	0.48					
2.50	0.65	0.57	0.63	0.60	0.57	0.55	0.54	0.53	0.53	0.52	0.51					
3.00	0.67	0.59	0.65	0.61	0.58	0.57	0.56	0.54	0.55	0.54	0.52					
4.00	0.70	0.60	0.68	0.63	0.60	0.58	0.57	0.56	0.56	0.56	0.54					
5.00	0.71	0.61	0.69	0.64	0.60	0.59	0.58	0.57	0.57	0.57	0.55					

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	5472	5472	5472
50.0	3597	3597	3597
55.0	2313	2313	2313
60.0	874	874	874
65.0	555	555	555
70.0	441	441	441
75.0	349	349	349
80.0	289	289	289
85.0	192	192	192
90.0	0	0	0

(cd/m2)

LVW1342200

2012-05-03

TBS740 1xTL5C60W HFP



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www.philips.com/lighting

2013, July 9
data subject to change



Rotaris TBS740

TBS740 1xTL5C60W/830 HFD P W IP WH

TBS740 - 1 pc - MASTER TL5 Circular - 60 W - HF DALI - Clear prismatic - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

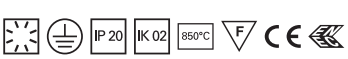
Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFD [HF DALI]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	W [Plug-in connector 3-pole Wieland/Adels]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501942303
Full product code	910501942303
Full product name	TBS740 1xTL5C60W/830 HFD P W IP WH
Order product name	TBS740 1xTL5C60W/830 HFD P W IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8717943998326
Logistic code(s) - 12NC	910501942303
Net weight per piece	3.300 kg



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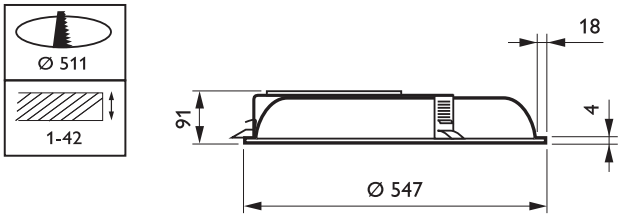
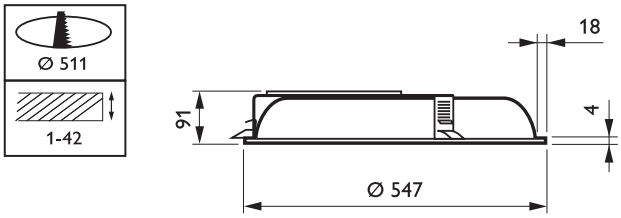
Dimensional drawing



TBS740 1xTL5C60W/830 HFD P W IP WH



TBS740 1xTL5C60W/830 HFD P W IP WH

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Rotaris TBS740

TBS740 1xTL5C60W/840 HFP P FU IP WH

TBS740 - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

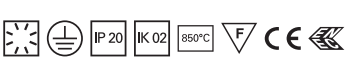
Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	FU [Fuse included]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

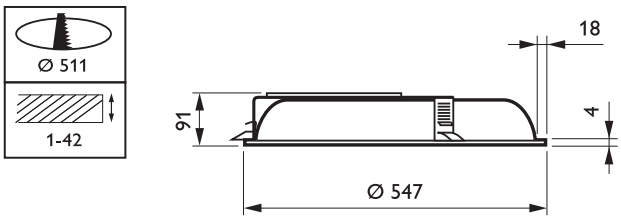
• Product Data

Order code	910501649603
Full product code	910501649603
Full product name	TBS740 1xTL5C60W/840 HFP P FU IP WH
Order product name	TBS740 1xTL5C60W/840 HFP P FU IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634876
Logistic code(s) - 12NC	910501649603
Net weight per piece	3.300 kg

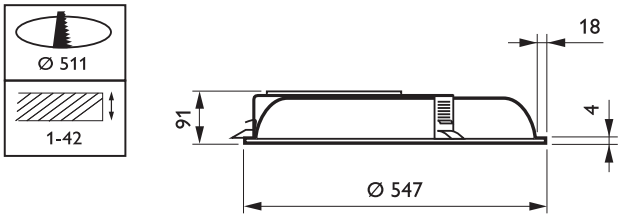


PHILIPS

Dimensional drawing



TBS740 1xTL5C60W/840 HFP P FU IP WH



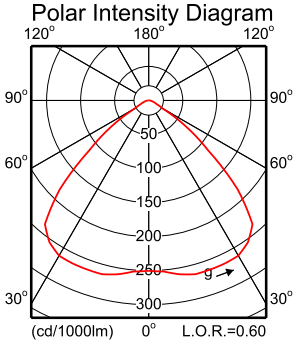
TBS740 1xTL5C60W/840 HFP P FU IP WH

Photometric data

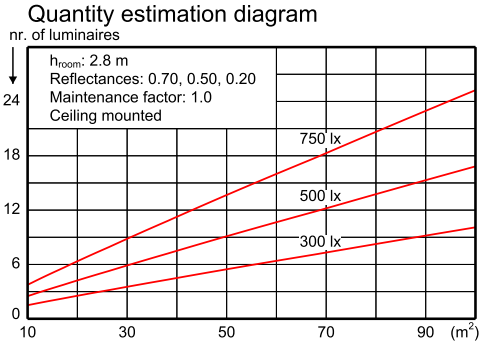
TBS740 1xTL5C60W HFP

1 x 5000 lm

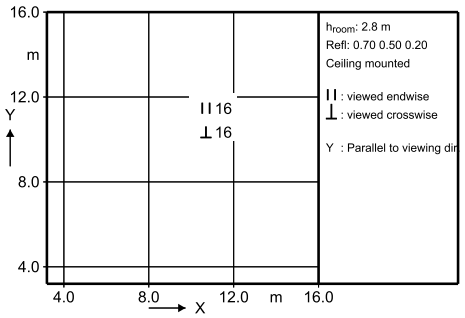
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio 0.60
Service upward 0.00
Service downward 0.60

CIE flux code 67 96 99 100 60

S/H ratio crosswise max. 1.5
lengthwise max. 1.6

UGRcen (4Hx8H, 0.25H) 15
EN12464-1 65 deg, 1000 cd/m2
CIBSE: LG3 65 deg, 1000 cd/m2

UTE71-121: 0.60C + 0.00T

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00					
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00					
0.60	0.36	0.34	0.36	0.35	0.34	0.30	0.30	0.28	0.30	0.28	0.27					
0.80	0.43	0.40	0.42	0.41	0.40	0.36	0.36	0.33	0.35	0.33	0.32					
1.00	0.48	0.45	0.47	0.46	0.44	0.41	0.40	0.38	0.40	0.38	0.37					
1.25	0.53	0.49	0.52	0.50	0.48	0.45	0.45	0.42	0.44	0.42	0.41					
1.50	0.56	0.51	0.55	0.53	0.51	0.48	0.47	0.45	0.47	0.45	0.44					
2.00	0.62	0.55	0.60	0.57	0.55	0.52	0.52	0.50	0.51	0.49	0.48					
2.50	0.65	0.57	0.63	0.60	0.57	0.55	0.54	0.53	0.53	0.52	0.51					
3.00	0.67	0.59	0.65	0.61	0.58	0.57	0.56	0.54	0.55	0.54	0.52					
4.00	0.70	0.60	0.68	0.63	0.60	0.58	0.57	0.56	0.56	0.56	0.54					
5.00	0.71	0.61	0.69	0.64	0.60	0.59	0.58	0.57	0.57	0.57	0.55					

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	5472	5472	5472
50.0	3597	3597	3597
55.0	2313	2313	2313
60.0	874	874	874
65.0	555	555	555
70.0	441	441	441
75.0	349	349	349
80.0	289	289	289
85.0	192	192	192
90.0	0	0	0

(cd/m2)

LVW1342200

2012-05-03

TBS740 1xTL5C60W HFP



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2013, July 9
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Rotaris TBS740

TBS740 1xTL5C60W/840 HFP P W4 IP WH

TBS740 - 1 pc - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

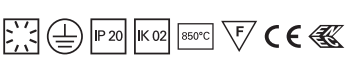
Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	W4 [Plug-in connector 4-pole Wieland/Adels]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501744203
Full product code	910501744203
Full product name	TBS740 1xTL5C60W/840 HFP P W4 IP WH
Order product name	TBS740 1xTL5C60W/840 HFP P W4 IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559791364
Logistic code(s) - 12NC	910501744203
Net weight per piece	3.300 kg



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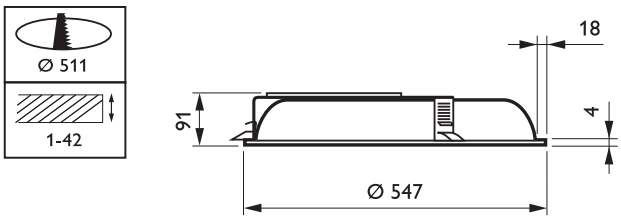
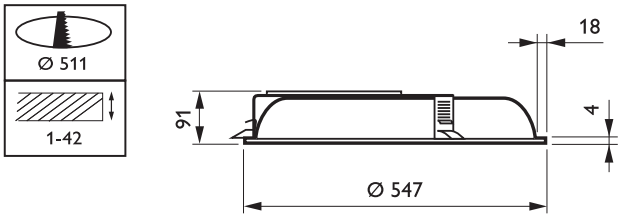
Dimensional drawing



TBS740 1xTL5C60W/840 HFP P W4 IP WH



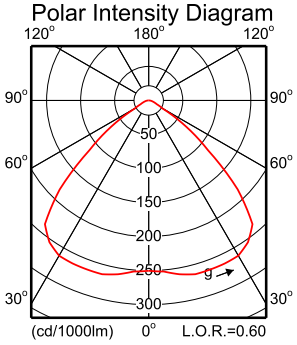
TBS740 1xTL5C60W/840 HFP P W4 IP WH

Photometric data

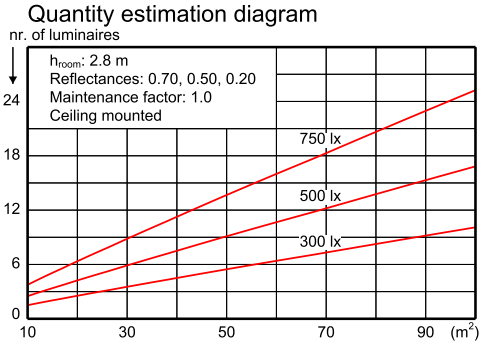
TBS740 1xTL5C60W HFP

1 x 5000 lm

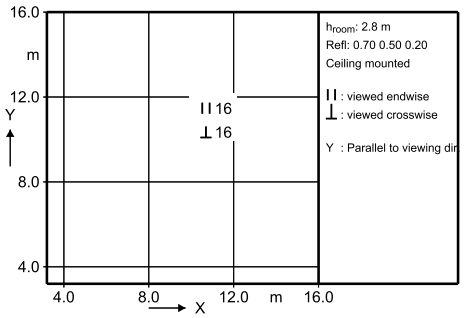
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio	0.60
Service upward	0.00
Service downward	0.60
CIE flux code	67 96 99 100 60
S/H ratio crosswise	max. 1.5
lengthwise	max. 1.6
UGRcen (4Hx8H, 0.25H)	15
EN12464-1	65 deg, 1000 cd/m2
CIBSE: LG3	65 deg, 1000 cd/m2
UTE71-121:	0.60C + 0.00T

Utilisation factor table

Room Index k	Reflectances (%) for ceiling, walls and working plane (CIE)															
	0.80	0.80	0.70	0.70	0.70	0.70	0.50	0.50	0.30	0.30	0.00					
	0.50	0.50	0.50	0.50	0.50	0.30	0.30	0.10	0.30	0.10	0.00					
	0.30	0.10	0.30	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.00					
0.60	0.36	0.34	0.36	0.35	0.34	0.30	0.30	0.28	0.30	0.28	0.27					
0.80	0.43	0.40	0.42	0.41	0.40	0.36	0.36	0.33	0.35	0.33	0.32					
1.00	0.48	0.45	0.47	0.46	0.44	0.41	0.40	0.38	0.40	0.38	0.37					
1.25	0.53	0.49	0.52	0.50	0.48	0.45	0.45	0.42	0.44	0.42	0.41					
1.50	0.56	0.51	0.55	0.53	0.51	0.48	0.47	0.45	0.47	0.45	0.44					
2.00	0.62	0.55	0.60	0.57	0.55	0.52	0.52	0.50	0.51	0.49	0.48					
2.50	0.65	0.57	0.63	0.60	0.57	0.55	0.54	0.53	0.53	0.52	0.51					
3.00	0.67	0.59	0.65	0.61	0.58	0.57	0.56	0.54	0.55	0.54	0.52					
4.00	0.70	0.60	0.68	0.63	0.60	0.58	0.57	0.56	0.56	0.56	0.54					
5.00	0.71	0.61	0.69	0.64	0.60	0.59	0.58	0.57	0.57	0.57	0.55					

Ceiling mounted

Luminance Table

Plane / Cone	0.0	45.0	90.0
45.0	5472	5472	5472
50.0	3597	3597	3597
55.0	2313	2313	2313
60.0	874	874	874
65.0	555	555	555
70.0	441	441	441
75.0	349	349	349
80.0	289	289	289
85.0	192	192	192
90.0	0	0	0

(cd/m2)

LVW1342200

2012-05-03

TBS740 1xTL5C60W HFP



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Rotaris TBS740

TBS740 1xTL5C60W/840 HFD P EL3 W4 IP WH

TBS740 - 1 pc - MASTER TL5 Circular - 60 W - HF DALI - Clear prismatic - Emergency lighting 3 hours duration - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFD [HF DALI]
Optical cover	P [Clear prismatic]
Emergency lighting	EL3 [Emergency lighting 3 hours duration]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	W4 [Plug-in connector 4-pole Wieland/Adels]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501745003
Full product code	910501745003
Full product name	TBS740 1xTL5C60W/840 HFD P EL3 W4 IP WH
Order product name	TBS740 1xTL5C60W/840 HFD P EL3 W4 IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559791449
Logistic code(s) - 12NC	910501745003
Net weight per piece	4.300 kg



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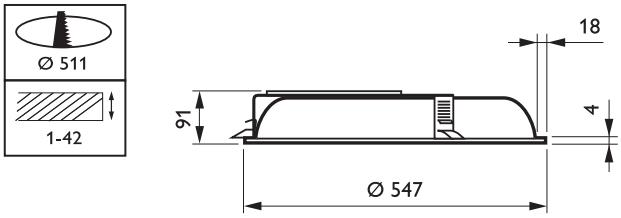
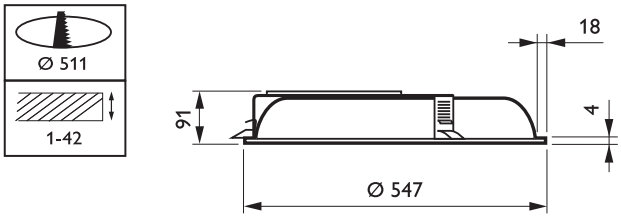
Dimensional drawing



TBS740 1xTL5C60W/840 HFD P EL3 W4 IP WH



TBS740 1xTL5C60W/840 HFD P EL3 W4 IP WH

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Rotaris TBS740

TBS740 1xTL5C60W/830 HFP P IP WH

TBS740 - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Standard

The defining visual characteristic of the Rotaris product range, which is based on the innovative TL5 Circular lamp, is its concentric circles. The semi-high-gloss aluminum centerpiece is surrounded by an opal or clear lamp cover, the inside of which has a prismatic structure, again in concentric circles. Continuing outwards, the high-reflectance optic is made of the same semi-high-gloss aluminum. With the TBS740, the outer rim of the luminaire, which forms one piece with the optic, interfaces with the ceiling, ensuring the smooth visual integration of Rotaris in the space. Glare is controlled in all viewing directions by Omnidirectional Luminance Control technology. Within the Rotaris family, a complete range of surface-mounted, recessed and suspended luminaires is available.

Product data

• General information

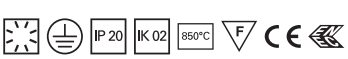
Product family code	TBS740 [TBS740]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [Finger-protected]
IK code	IK02 [0.2 J standard]
Suspension/ mounting	No [-]
Infill plate	IP [Standard]
Color	WH [White]
Glow-wire test	850/5 [Temperature 850 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Safety device	No [-]
Centre luminaire	No [-]
European Community mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Supply voltage	220-240 V [220 to 240 V]

• Product Data

Order code	910501649203
Full product code	910501649203
Full product name	TBS740 1xTL5C60W/830 HFP P IP WH
Order product name	TBS740 1xTL5C60W/830 HFP P IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634838
Logistic code(s) - 12NC	910501649203
Net weight per piece	3.300 kg



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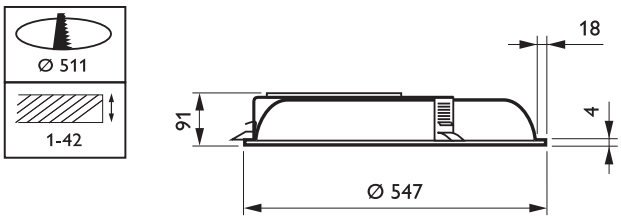
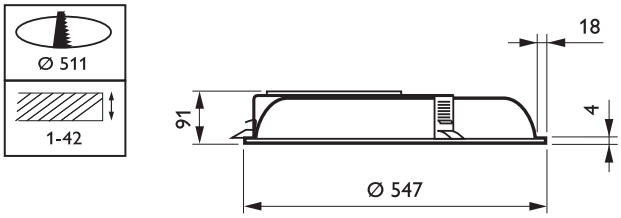
Dimensional drawing



TBS740 1xTL5C60W/830 HFP P IP WH



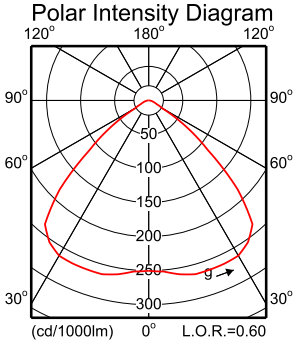
TBS740 1xTL5C60W/830 HFP P IP WH

Photometric data

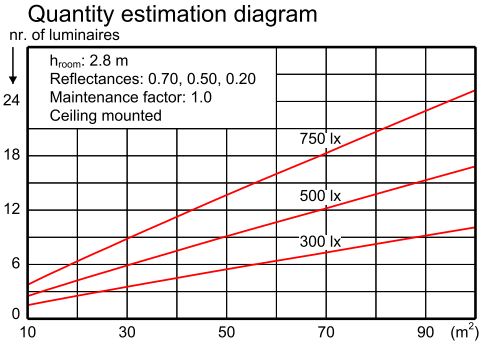
TBS740 1xTL5C60W HFP

1 x 5000 lm

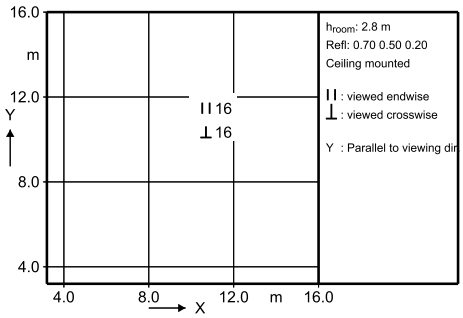
Polar Intensity Diagram



Quantity estimation diagram



UGR diagram



Light output ratio	0.60
Service upward	0.00
Service downward	0.60
CIE flux code	67 96 99 100 60
S/H ratio crosswise	max. 1.5
lengthwise	max. 1.6
UGRcen (4Hx8H, 0.25H)	15
EN12464-1	65 deg, 1000 cd/m2
CIBSE: LG3	65 deg, 1000 cd/m2
UTE71-121:	0.60C + 0.00T

Utilisation factor table

| Room Index k | Reflectances (%) for ceiling, walls and working plane (CIE) | | |



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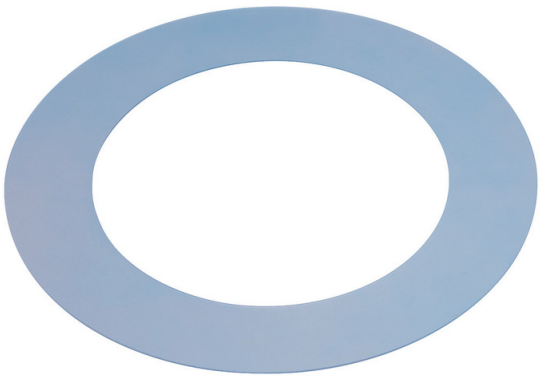
Rotaris TBS740



ZBS740 F-BL

Color filter blue

Blue inlay sheet

Product data

- General information

Product family code	ZBS740 [ZBS740]
Filters and lenses	F-BL [Color filter blue]

- Product Data

Order code	910401596603
Full product code	910401596603
Full product name	ZBS740 F-BL

Order product name	ZBS740 F-BL
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559633145
Logistic code(s) - 12NC	910401596603
Net weight per piece	0.500 kg

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Rotaris TBS740



ZBS740 FP

Filter plate

Filter plate

Product data

- **General information**

Product family code	ZBS740 [ZBS740]
Filters and lenses	FP [Filter plate]

- **Product Data**

Order code	910403217503
Full product code	910403217503
Full product name	ZBS740 FP
Order product name	ZBS740 FP SET8

Pieces per pack	1
Packs per outerbox	8
Bar code on pack - EAN1	8717943999026
Bar code on outerbox - EAN3	8717943999033
Logistic code(s) - 12NC	910403217503
Net weight per piece	0.200 kg

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