

Rotaris TBS741

TBS741 1xTL5C60W/830 HFP O BR IP WH

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Bracket - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

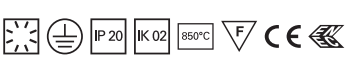
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	BR [Bracket]
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	910501650303
Full product code	910501650303
Full product name	TBS741 1xTL5C60W/830 HFP O BR IP WH
Order product name	TBS741 1xTL5C60W/830 HFP O BR IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634944
Logistic code(s) - 12NC	910501650303
Net weight per piece	3.800 kg



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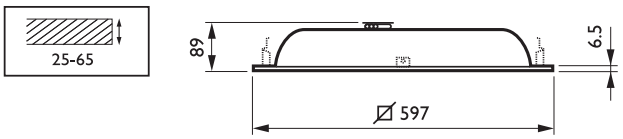
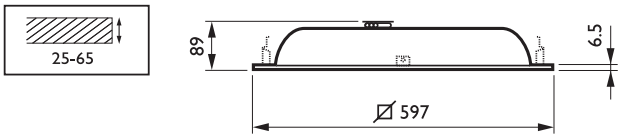
Dimensional drawing



TBS741 1xTL5C60W/830 HFP O BR IP WH



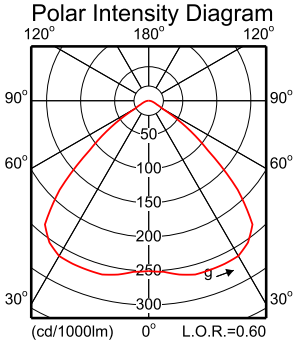
TBS741 1xTL5C60W/830 HFP O BR IP WH

Photometric data

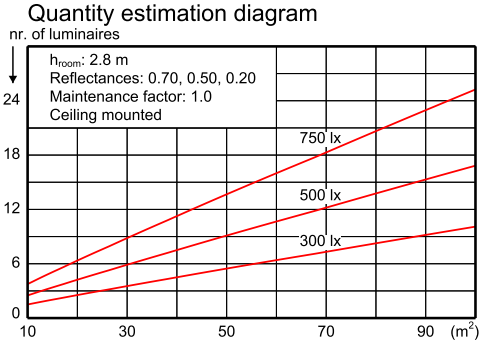
TBS741 1xTL5C60W HFP

1 x 5000 lm

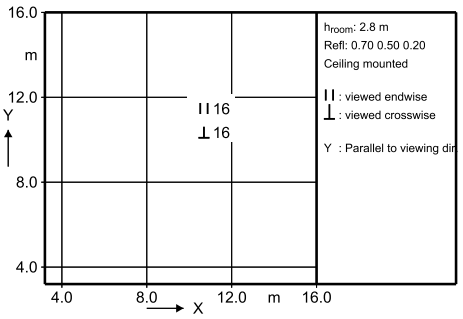
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 1xTL5C60W/840 HFP O FU IP WH

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

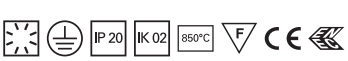
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	910501651103
Full product code	910501651103
Full product name	TBS741 1xTL5C60W/840 HFP O FU IP WH
Order product name	TBS741 1xTL5C60W/840 HFP O FU IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559635026
Logistic code(s) - 12NC	910501651103
Net weight per piece	3.800 kg



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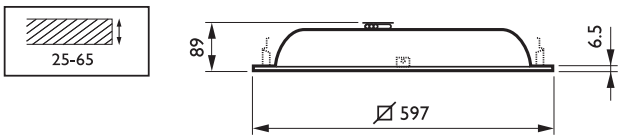
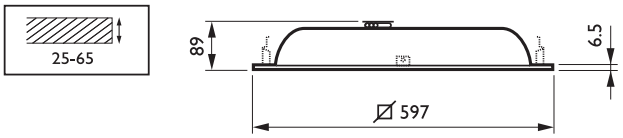
Dimensional drawing



TBS741 1xTL5C60W/840 HFP O FU IP WH



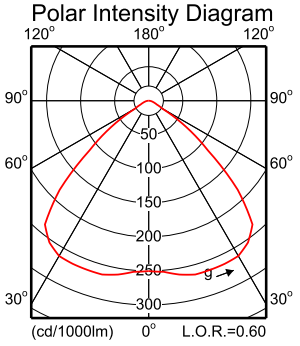
TBS741 1xTL5C60W/840 HFP O FU IP WH

Photometric data

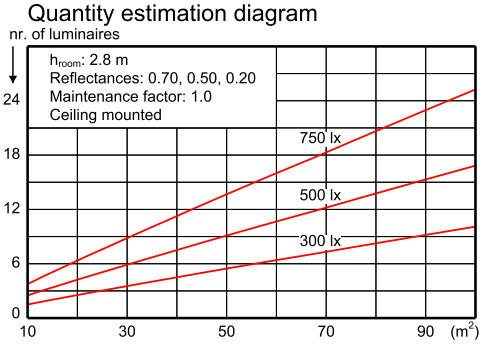
TBS741 1xTL5C60W HFP

1 x 5000 lm

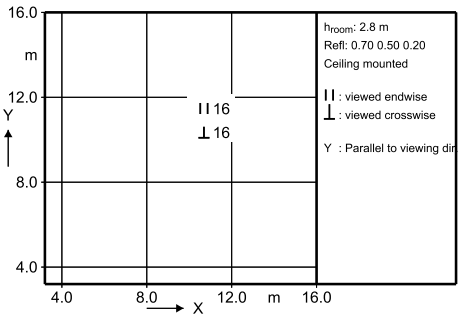
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 1xTL5C60W/830 HFP O IP WH SC

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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.

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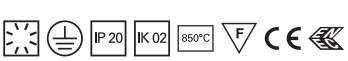
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	No [-]
Connection	No [-]
Safety class	CLI [Safety class I]
IP code	IP20 [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	910501650703
Full product code	910501650703
Full product name	TBS741 1xTL5C60W/830 HFP O IP WH SC
Order product name	TBS741 1xTL5C60W/830 HFP O IP WH SC
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634982
Logistic code(s) - 12NC	910501650703
Net weight per piece	3.800 kg



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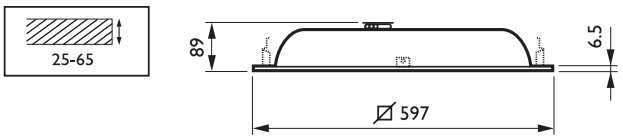
Dimensional drawing



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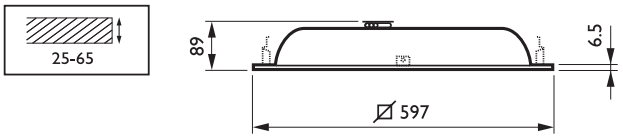


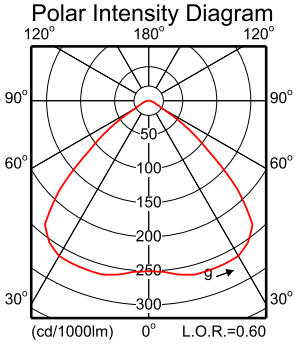
TBS741 1xTL5C60W/830 HFP O IP WH SC

Photometric data

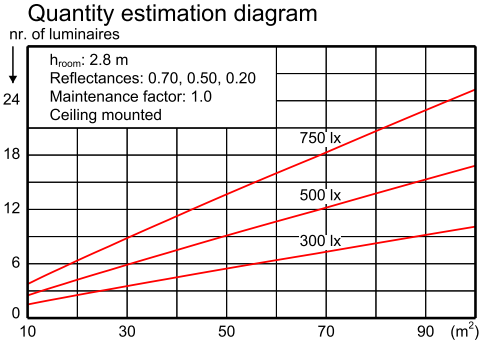
TBS741 1xTL5C60W HFP

1 x 5000 lm

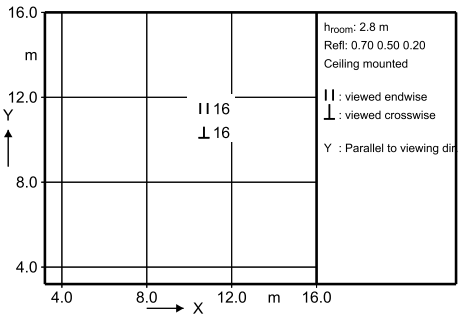
Polar Intensity Diagram



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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	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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 1xTL5C60W/840 HFP O FU BR IP WH

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Bracket - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

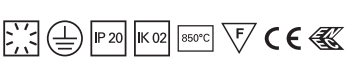
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	BR [Bracket]
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	910501651503
Full product code	910501651503
Full product name	TBS741 1xTL5C60W/840 HFP O FU BR IP WH
Order product name	TBS741 1xTL5C60W/840 HFP O FU BR IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559635064
Logistic code(s) - 12NC	910501651503
Net weight per piece	3.800 kg



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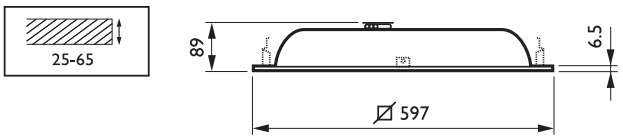
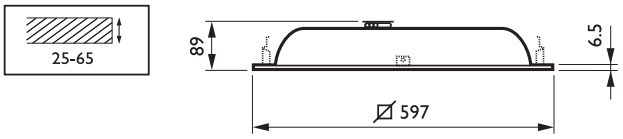
Rotaris TBS741

Dimensional drawing



TBS741 1xTL5C60W/840 HFP O FU BR IP WH



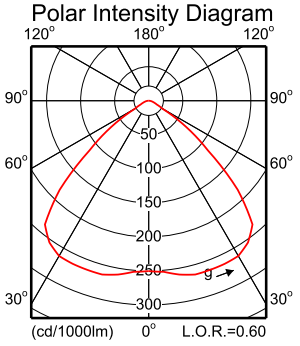
TBS741 1xTL5C60W/840 HFP O FU BR IP WH

Photometric data

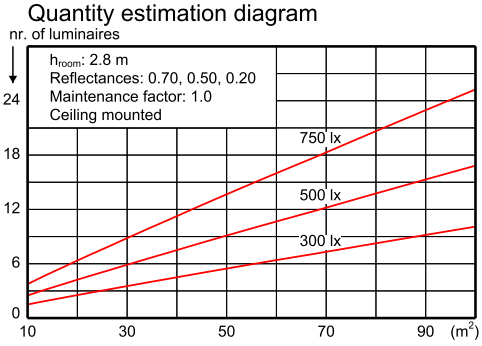
TBS741 1xTL5C60W HFP

1 x 5000 lm

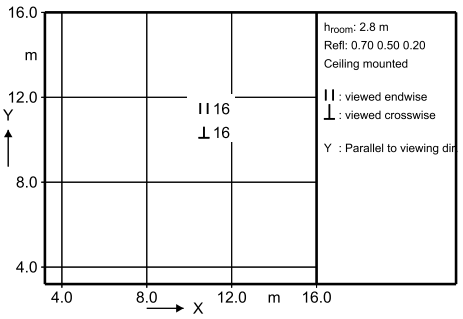
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 1xTL5C60W/840 HFP O EL3 W4 IP WH

TBS741 - 1 pc - MASTER TL5 Circular - 60 W - HF Performer - Opal - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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	TBS741 [TBS741]
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	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	910501745103
Full product code	910501745103
Full product name	TBS741 1xTL5C60W/840 HFP O EL3 W4 IP WH
Order product name	TBS741 1xTL5C60W/840 HFP O EL3 W4 IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559791456
Logistic code(s) - 12NC	910501745103
Net weight per piece	4.800 kg



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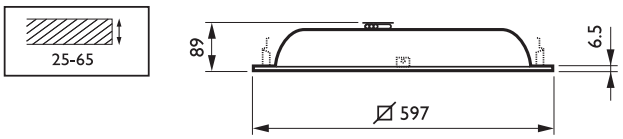
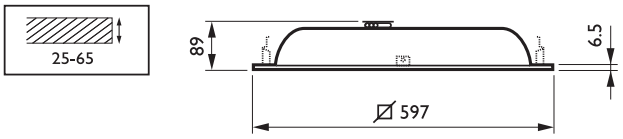
Dimensional drawing



TBS741 1xTL5C60W/840 HFP O EL3 W4 IP WH



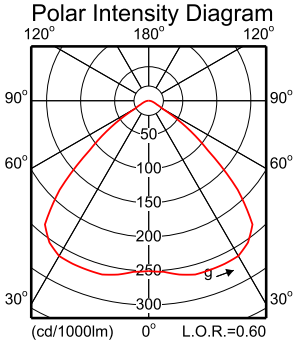
TBS741 1xTL5C60W/840 HFP O EL3 W4 IP WH

Photometric data

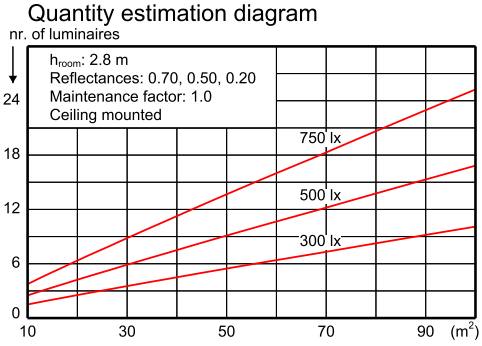
TBS741 1xTL5C60W HFP

1 x 5000 lm

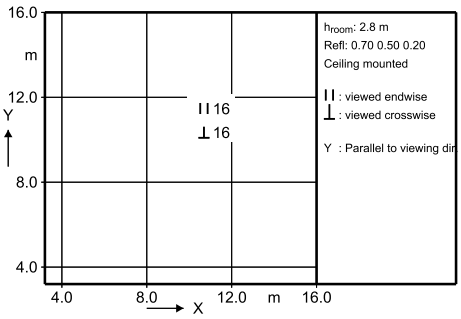
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 1xTL5C60W/840 HFP O IP WH

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

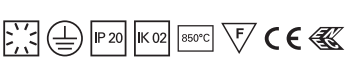
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	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	910501667203
Full product code	910501667203
Full product name	TBS741 1xTL5C60W/840 HFP O IP WH
Order product name	TBS741 1xTL5C60W/840 HFP O IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559639161
Logistic code(s) - 12NC	910501667203
Net weight per piece	3.800 kg



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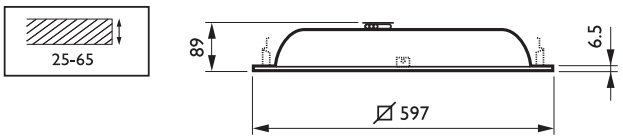
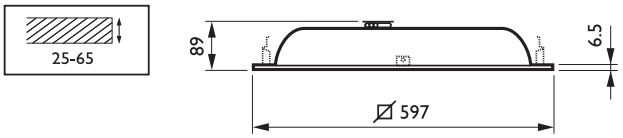
Dimensional drawing



TBS741 1xTL5C60W/840 HFP O IP WH



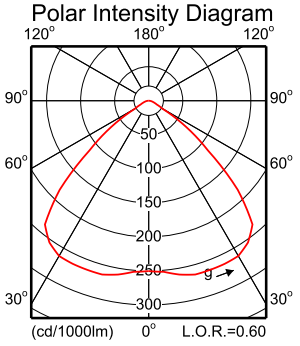
TBS741 1xTL5C60W/840 HFP O IP WH

Photometric data

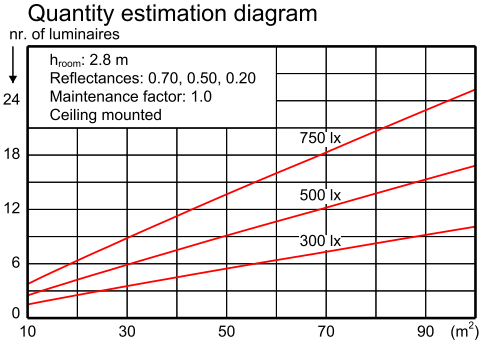
TBS741 1xTL5C60W HFP

1 x 5000 lm

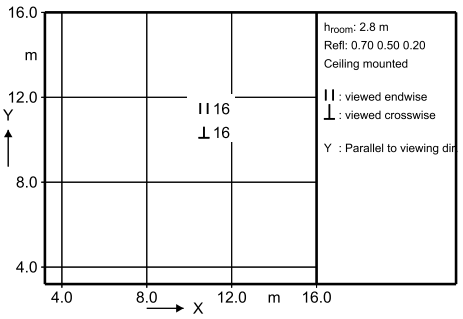
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 1xTL5C60W/830 HFP O IP WH

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

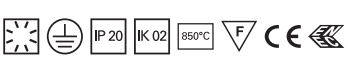
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	910501649903
Full product code	910501649903
Full product name	TBS741 1xTL5C60W/830 HFP O IP WH
Order product name	TBS741 1xTL5C60W/830 HFP O IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634906
Logistic code(s) - 12NC	910501649903
Net weight per piece	3.800 kg



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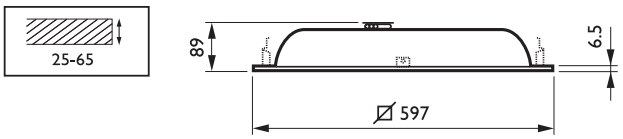
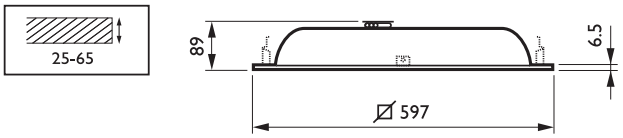
Dimensional drawing



TBS741 1xTL5C60W/830 HFP O IP WH



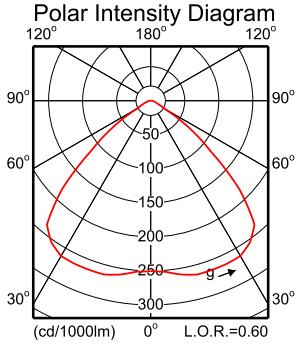
TBS741 1xTL5C60W/830 HFP O IP WH

Photometric data

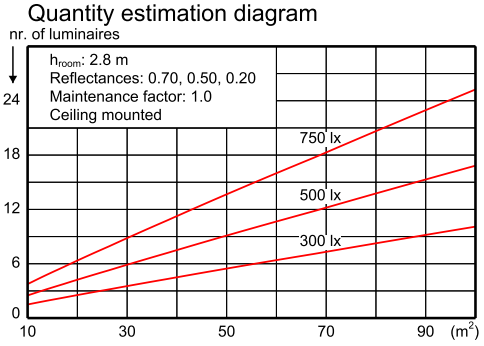
TBS741 1xTL5C60W HFP

1 x 5000 lm

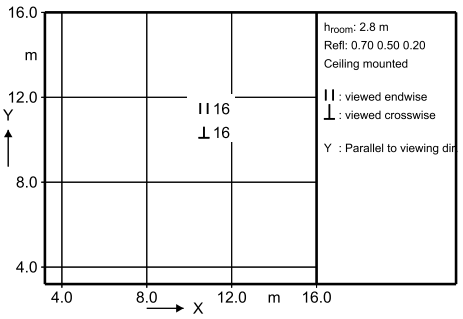
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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Rotaris TBS741

TBS741 1xTL5C60W/840 HFP O W4 IP WH

TBS741 - 1 pc - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

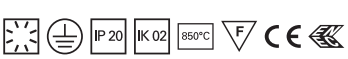
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate switching	No [-]
Internal wiring	STD [Standard]
Fuse	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	910501744503
Full product code	910501744503
Full product name	TBS741 1xTL5C60W/840 HFP O W4 IP WH
Order product name	TBS741 1xTL5C60W/840 HFP O W4 IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559791395
Logistic code(s) - 12NC	910501744503
Net weight per piece	3.800 kg



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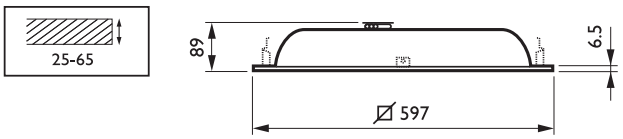
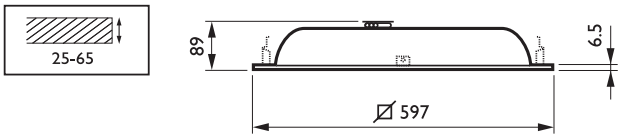
Dimensional drawing



TBS741 1xTL5C60W/840 HFP O W4 IP WH



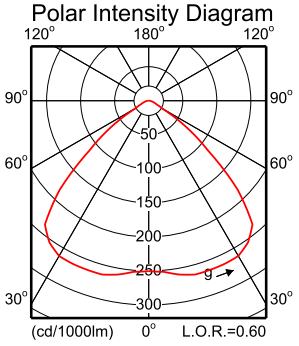
TBS741 1xTL5C60W/840 HFP O W4 IP WH

Photometric data

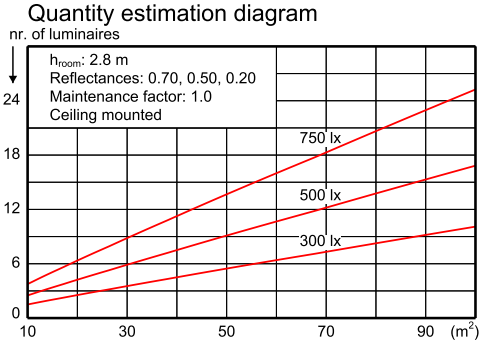
TBS741 1xTL5C60W HFP

1 x 5000 lm

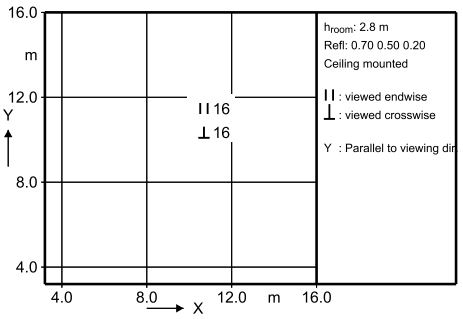
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
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Rotaris TBS741

TBS741 1xTL5C60W/840 HFR O W4 IP WH

TBS741 - 1 pc - MASTER TL5 Circular - 60 W - HF Regulator - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

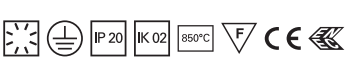
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFR [HF Regulator]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	910501744603
Full product code	910501744603
Full product name	TBS741 1xTL5C60W/840 HFR O W4 IP WH
Order product name	TBS741 1xTL5C60W/840 HFR O W4 IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559791401
Logistic code(s) - 12NC	910501744603
Net weight per piece	3.800 kg



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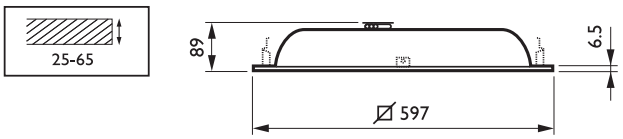
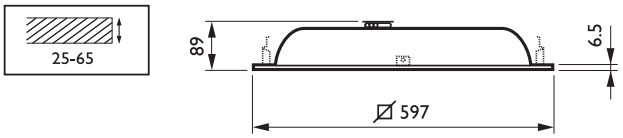
Dimensional drawing



TBS741 1xTL5C60W/840 HFR O W4 IP WH



TBS741 1xTL5C60W/840 HFR O W4 IP WH

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Rotaris TBS741

TBS741 1xTL5C60W/830 HFP O BR IPL WH

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Bracket - Enlarged circle

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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

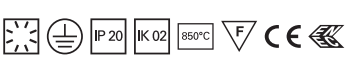
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	BR [Bracket]
Infill plate	IPL [Enlarged circle]
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	910501650503
Full product code	910501650503
Full product name	TBS741 1xTL5C60W/830 HFP O BR IPL WH
Order product name	TBS741 1xTL5C60W/830 HFP O BR IPL WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634968
Logistic code(s) - 12NC	910501650503
Net weight per piece	3.800 kg



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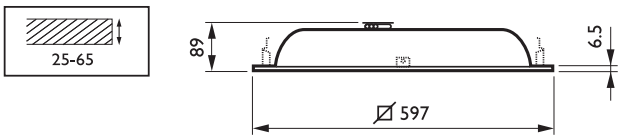
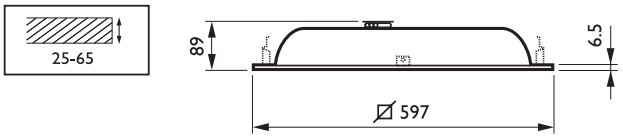
Dimensional drawing



TBS741 1xTL5C60W/830 HFP O BR IPL WH



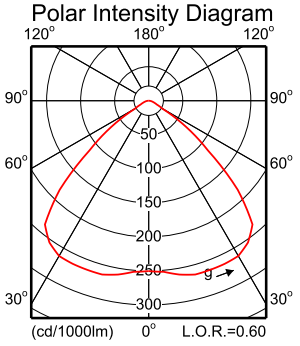
TBS741 1xTL5C60W/830 HFP O BR IPL WH

Photometric data

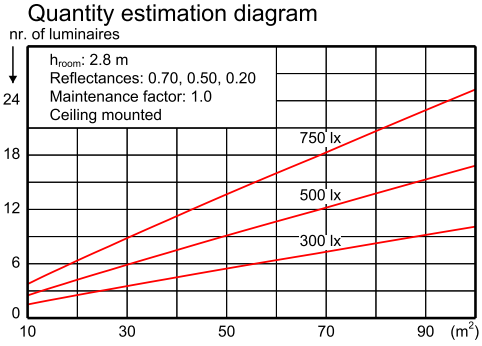
TBS741 1xTL5C60W HFP

1 x 5000 lm

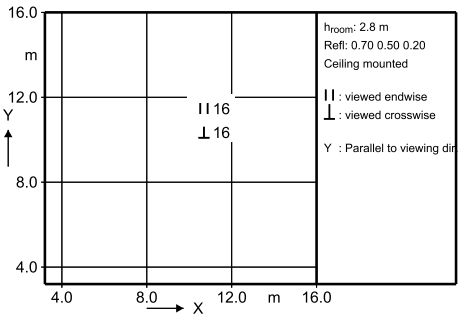
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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Rotaris TBS741

TBS741 1xTL5C60W/830 HFP O IPL WH

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Enlarged circle

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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

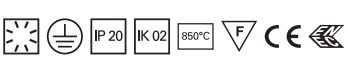
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	IPL [Enlarged circle]
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	910501650103
Full product code	910501650103
Full product name	TBS741 1xTL5C60W/830 HFP O IPL WH
Order product name	TBS741 1xTL5C60W/830 HFP O IPL WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634920
Logistic code(s) - 12NC	910501650103
Net weight per piece	3.800 kg



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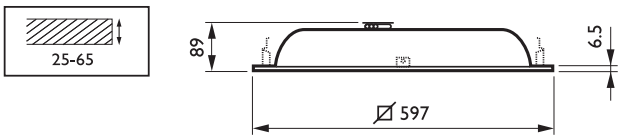
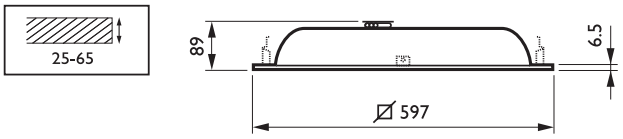
Dimensional drawing



TBS741 1xTL5C60W/830 HFP O IPL WH



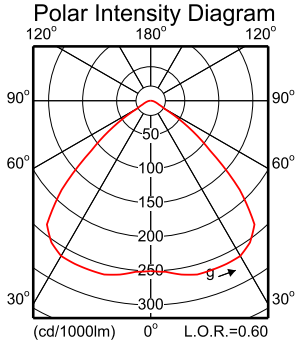
TBS741 1xTL5C60W/830 HFP O IPL WH

Photometric data

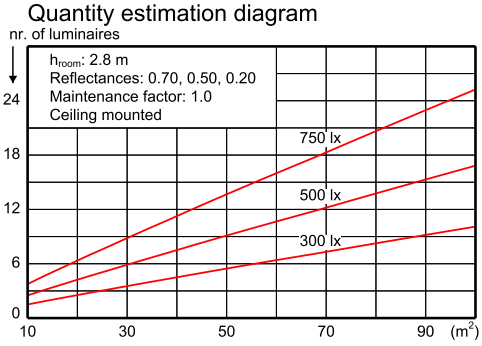
TBS741 1xTL5C60W HFP

1 x 5000 lm

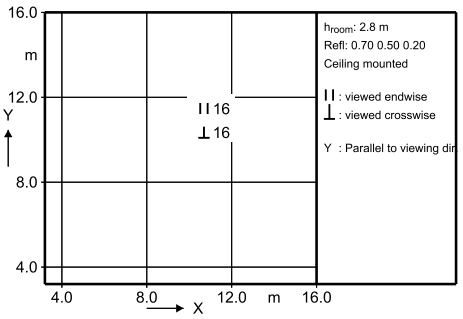
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
data subject to change



Rotaris TBS741

TBS741 TL5C60W/830 HFP O IPL WH SC

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Opal - Enlarged circle

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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

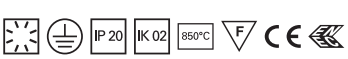
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	O [Opal]
Emergency lighting	No [-]
Lighting control unit	No [-]
Separate 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	IPL [Enlarged circle]
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	910501650903
Full product code	910501650903
Full product name	TBS741 TL5C60W/830 HFP O IPL WH SC
Order product name	TBS741 1xTL5C60W/830 HFP O IPL WH SC
Pieces per pack	1
Packs per outerbox	1
Bar code on pack - EAN1	8711559635002
Bar code on outerbox - EAN3	8711559635002
Logistic code(s) - 12NC	910501650903
Net weight per piece	3.800 kg



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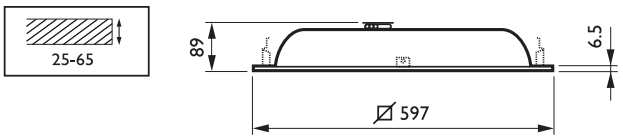
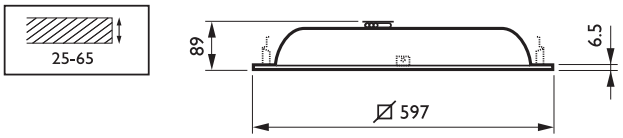
Dimensional drawing



TBS741 TL5C60W/830 HFP O IPL WH SC



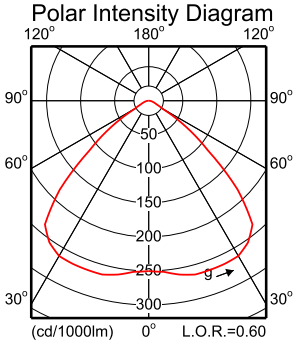
TBS741 TL5C60W/830 HFP O IPL WH SC

Photometric data

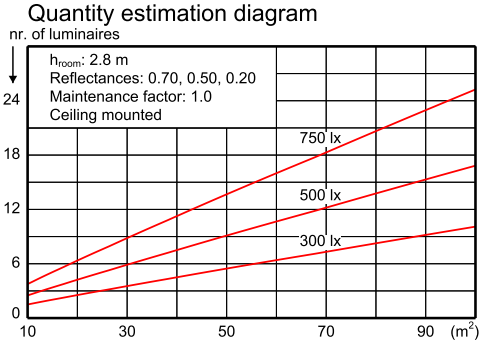
TBS741 1xTL5C60W HFP

1 x 5000 lm

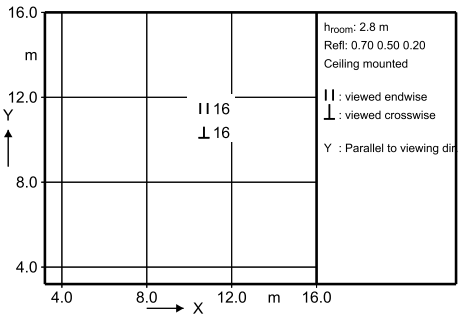
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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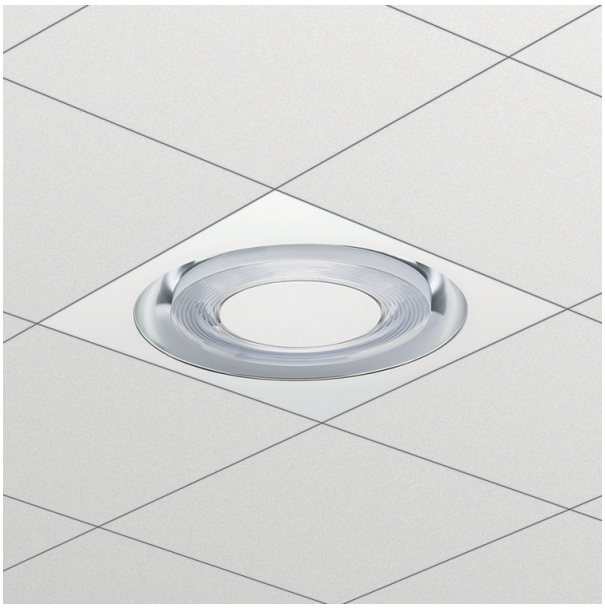

Rotaris TBS741

TBS741 1xTL5C60W/830 HFP P BR IP WH

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Bracket - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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	TBS741 [TBS741]
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	BR [Bracket]
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	910501650203
Full product code	910501650203
Full product name	TBS741 1xTL5C60W/830 HFP P BR IP WH
Order product name	TBS741 1xTL5C60W/830 HFP P BR IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634937
Logistic code(s) - 12NC	910501650203
Net weight per piece	3.800 kg



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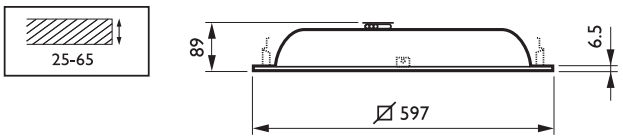
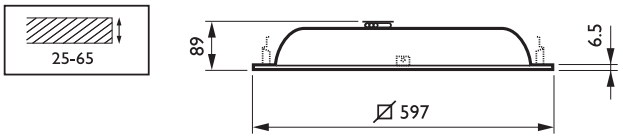
Dimensional drawing



TBS741 1xTL5C60W/830 HFP P BR IP WH



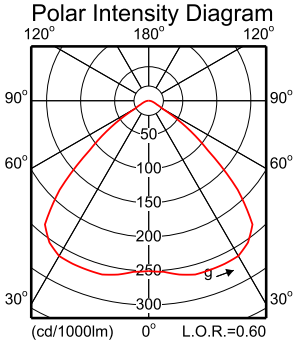
TBS741 1xTL5C60W/830 HFP P BR IP WH

Photometric data

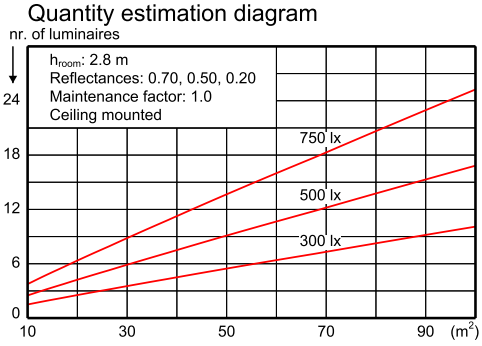
TBS741 1xTL5C60W HFP

1 x 5000 lm

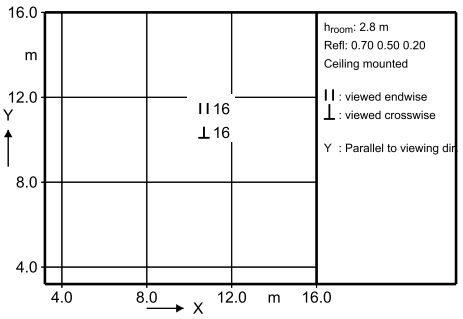
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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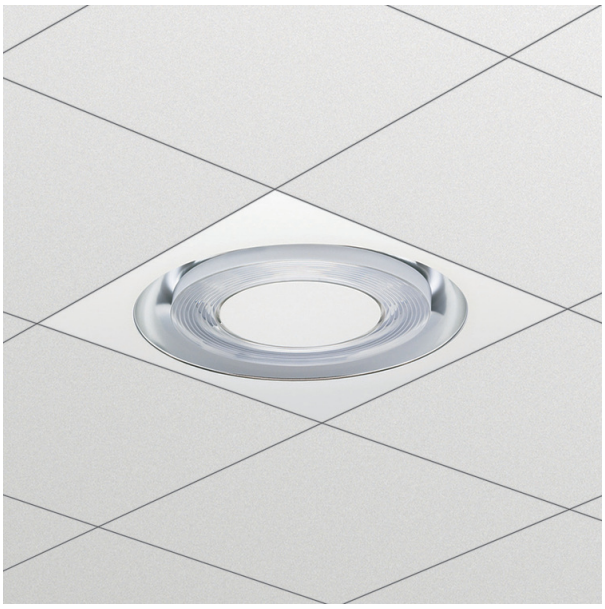


Rotaris TBS741

TBS741 1xTL5C60W/830 HFP P BR IPL WH

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Bracket - Enlarged circle

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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

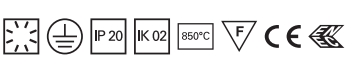
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	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	BR [Bracket]
Infill plate	IPL [Enlarged circle]
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	910501650403
Full product code	910501650403
Full product name	TBS741 1xTL5C60W/830 HFP P BR IPL WH
Order product name	TBS741 1xTL5C60W/830 HFP P BR IPL WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634951
Logistic code(s) - 12NC	910501650403
Net weight per piece	3.800 kg



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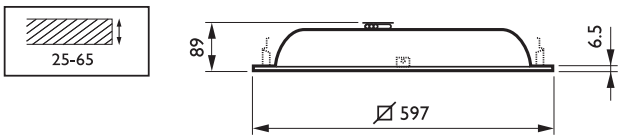
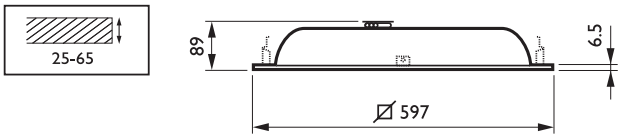
Dimensional drawing



TBS741 1xTL5C60W/830 HFP P BR IPL WH



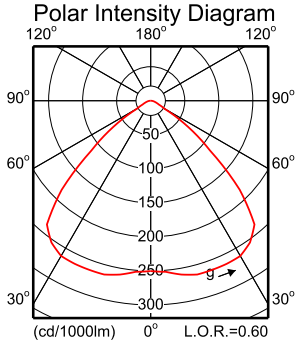
TBS741 1xTL5C60W/830 HFP P BR IPL WH

Photometric data

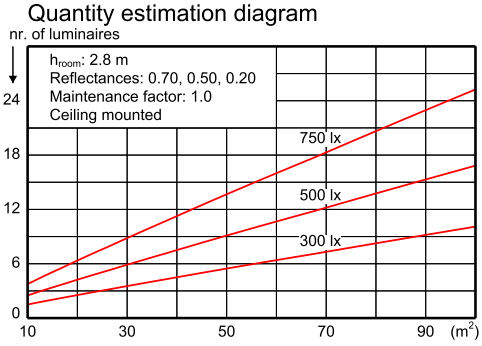
TBS741 1xTL5C60W HFP

1 x 5000 lm

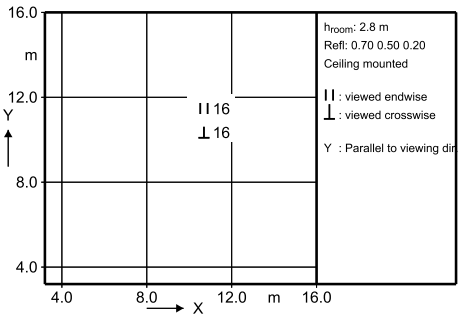
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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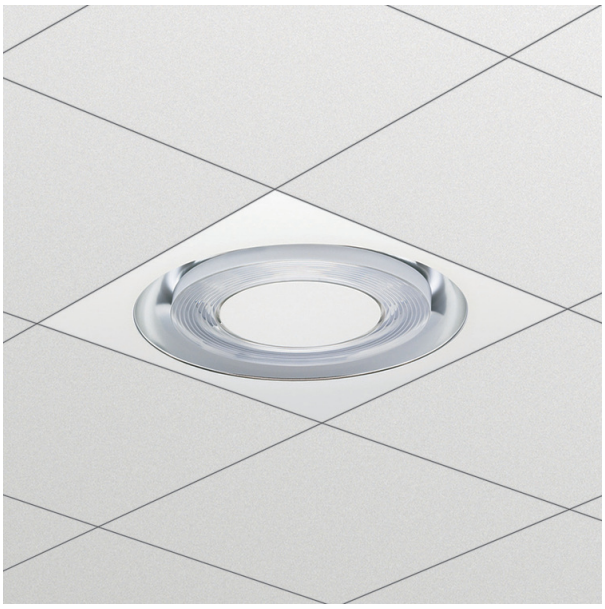


Rotaris TBS741

TBS741 TL5C60W/840 HFP P FU IP WH

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

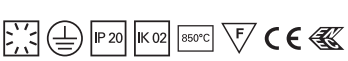
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	840 [840 cool white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	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	910501651003
Full product code	910501651003
Full product name	TBS741 TL5C60W/840 HFP P FU IP WH
Order product name	TBS741 1xTL5C60W/840 HFP P FU IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559635019
Logistic code(s) - 12NC	910501651003
Net weight per piece	3.800 kg



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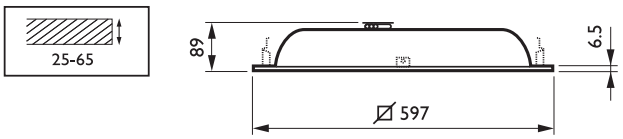
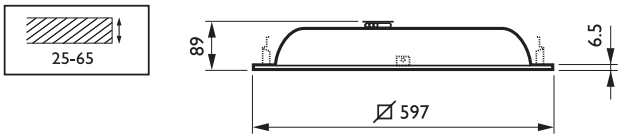
Rotaris TBS741

Dimensional drawing



TBS741 TL5C60W/840 HFP P FU IP WH



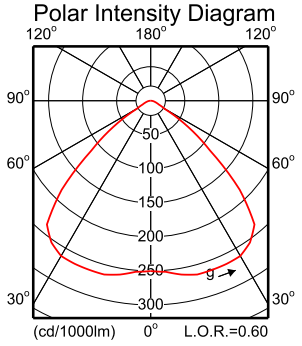
TBS741 TL5C60W/840 HFP P FU IP WH

Photometric data

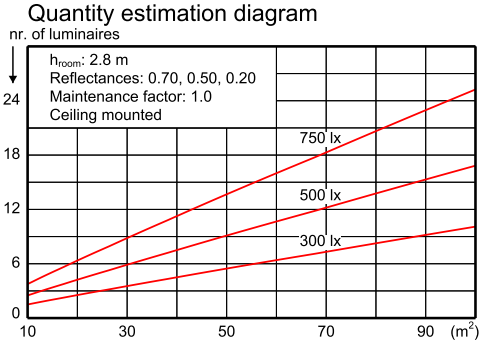
TBS741 1xTL5C60W HFP

1 x 5000 lm

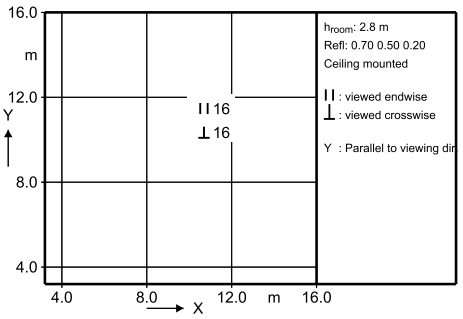
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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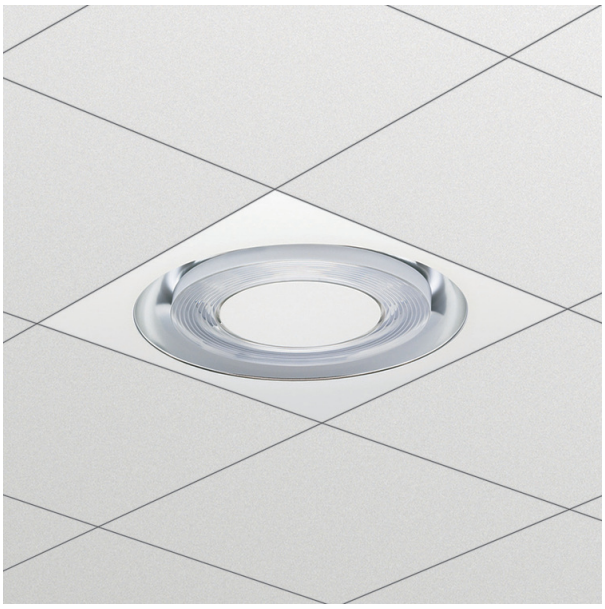


Rotaris TBS741

TBS741 1xTL5C60W/830 HFP P IPL WH SC

TBS741 - MASTER TL5 Circular - 60 W - HF Performer - Clear prismatic - Enlarged circle

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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

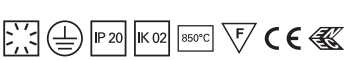
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	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	IPL [Enlarged circle]
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	910501650803
Full product code	910501650803
Full product name	TBS741 1xTL5C60W/830 HFP P IPL WH SC
Order product name	TBS741 1xTL5C60W/830 HFP P IPL WH SC
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634999
Logistic code(s) - 12NC	910501650803
Net weight per piece	3.800 kg



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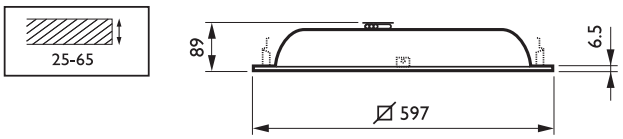
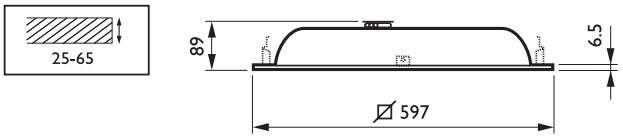
Dimensional drawing



TBS741 1xTL5C60W/830 HFP P IPL WH SC



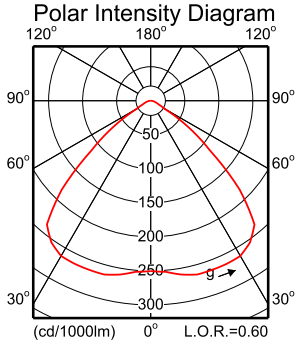
TBS741 1xTL5C60W/830 HFP P IPL WH SC

Photometric data

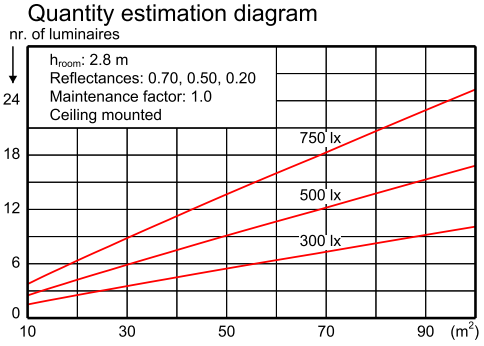
TBS741 1xTL5C60W HFP

1 x 5000 lm

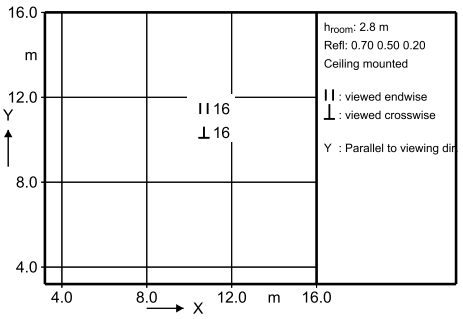
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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2013, July 9
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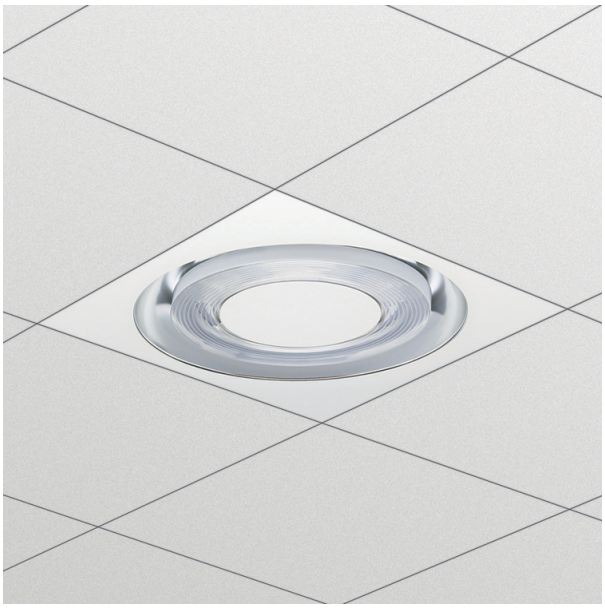


Rotaris TBS741

TBS741 1xTL5C60W/830 HFP P IP WH

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

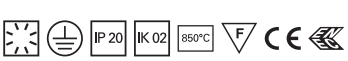
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	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	910501649803
Full product code	910501649803
Full product name	TBS741 1xTL5C60W/830 HFP P IP WH
Order product name	TBS741 1xTL5C60W/830 HFP P IP WH
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634890
Logistic code(s) - 12NC	910501649803
Net weight per piece	3.800 kg



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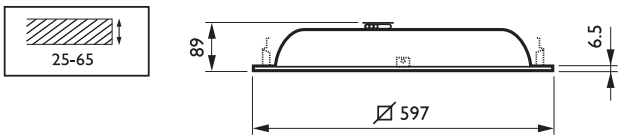
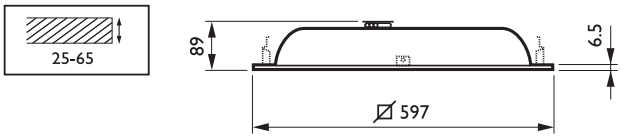
Dimensional drawing



TBS741 1xTL5C60W/830 HFP P IP WH



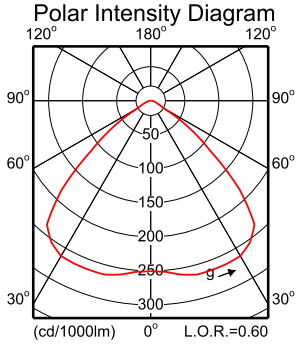
TBS741 1xTL5C60W/830 HFP P IP WH

Photometric data

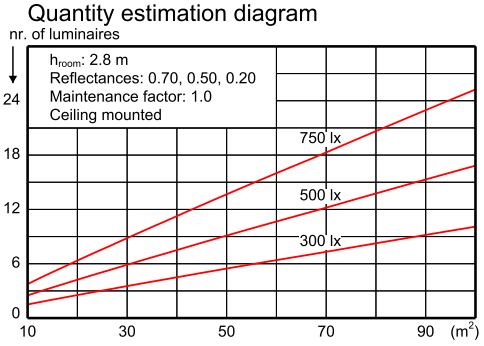
TBS741 1xTL5C60W HFP

1 x 5000 lm

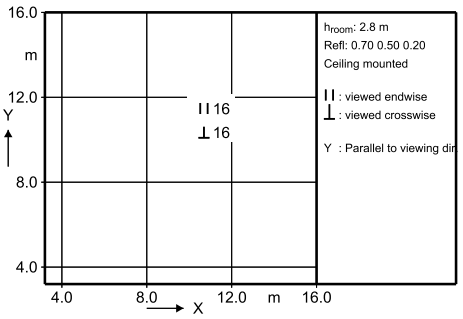
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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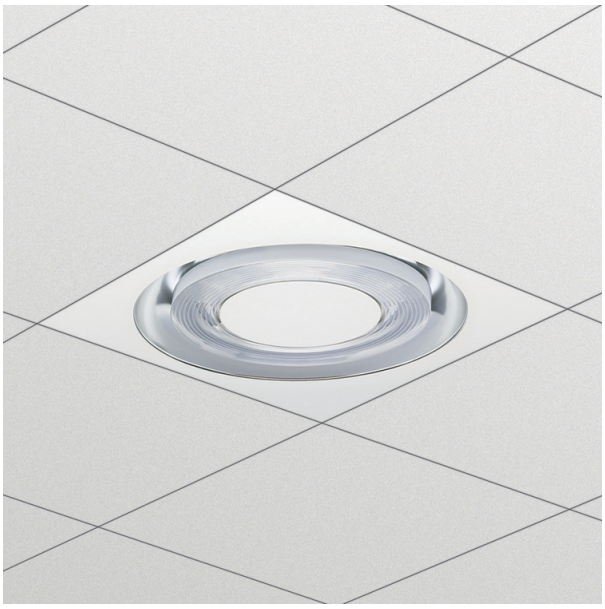


Rotaris TBS741

TBS741 1xTL5C60W/830 HFP P IP WH SC

TBS741 - 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 TBS741, the circular form is integrated in a square metal tile, which makes it the ideal fit for standard visible or concealed ceiling grids (600 x 600). 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

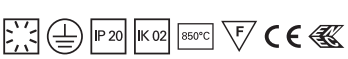
Product family code	TBS741 [TBS741]
Number of lamps	1 [1 pc]
Lamp family code	TL5C [MASTER TL5 Circular]
Lamp power	60 W [60 W]
Lamp color code	830 [830 warm white]
Kombipack	K [Lamp(s) included]
Gear	HFP [HF Performer]
Optical cover	P [Clear prismatic]
Emergency lighting	No [-]
Lighting control unit	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	910501650603
Full product code	910501650603
Full product name	TBS741 1xTL5C60W/830 HFP P IP WH SC
Order product name	TBS741 1xTL5C60W/830 HFP P IP WH SC
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8711559634975
Logistic code(s) - 12NC	910501650603
Net weight per piece	3.800 kg



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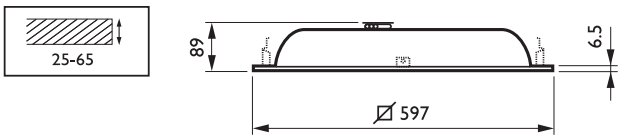
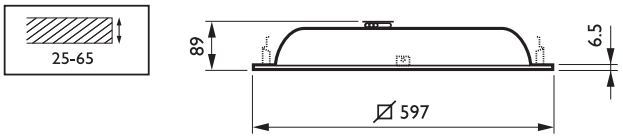
Dimensional drawing



TBS741 1xTL5C60W/830 HFP P IP WH SC



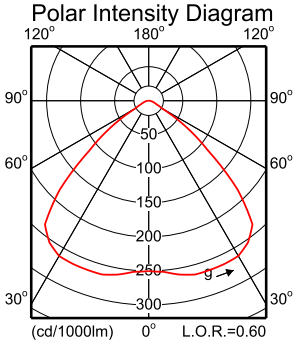
TBS741 1xTL5C60W/830 HFP P IP WH SC

Photometric data

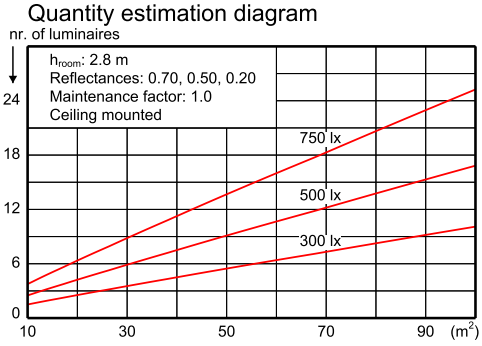
TBS741 1xTL5C60W HFP

1 x 5000 lm

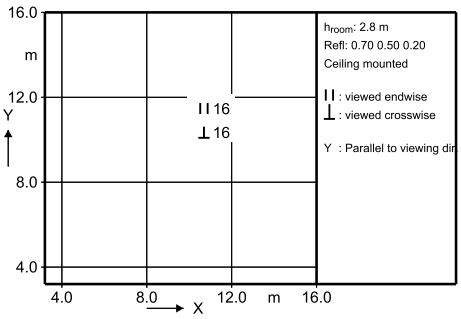
Polar Intensity Diagram



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	5449	5449	5449
50.0	3579	3579	3579
55.0	2299	2299	2299
60.0	869	869	869
65.0	550	550	550
70.0	437	437	437
75.0	345	345	345
80.0	285	285	285
85.0	188	188	188
90.0	0	0	0

(cd/m2)

LVW1342300

2012-05-03

TBS741 1xTL5C60W HFP

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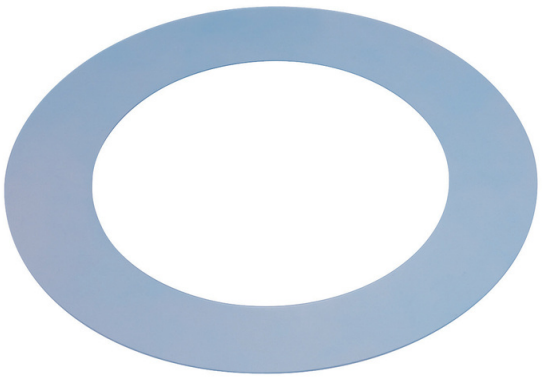
Rotaris TBS740



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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