Datasheet

Type: NS60 Round Itemnr.: 6001110930001





Technical Data

Beam Angle 110 (opal or microprismatic frontglass) Colors Avaliable Warm white, Neutral white, Cold white Color Temperature 3000K, 4000K, 5000K (Opt TW or RGBWWA) Color Rendering CRI80 (Option CRI90) MacAdam Step 3 Consumption 20W or 30W Voltage Range 220 ~ 240VAC 50/60Hz Current LEDs 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional Included Complete lamp housing, LEDs, driver	Lumen	2200lm or 3300lm
Color Temperature 3000K, 4000K, 5000K (Opt TW or RGBWWA) Color Rendering CRI80 (Option CRI90) MacAdam Step 3 Consumption 20W or 30W Voltage Range 220 ~ 240VAC 50/60Hz Current LEDS 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDS 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Beam Angle	110 (opal or microprismatic frontglass)
Color Rendering CRI80 (Option CRI90) MacAdam Step 3 Consumption 20W or 30W Voltage Range 220 ~ 240VAC 50/60Hz Current LEDs 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current < 0,5mA @ 240V AC Efficiency 110 Im/W (LEDs 220 Im/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Colors Avaliable	Warm white, Neutral white, Cold white
Consumption 20W or 30W Voltage Range 220 ~ 240VAC 50/60Hz Current LEDs 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 Im/W (LEDs 220 Im/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Color Temperature	3000K, 4000K, 5000K (Opt TW or RGBWWA)
Consumption 20W or 30W Voltage Range 220 ~ 240VAC 50/60Hz Current LEDs 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 Im/W (LEDs 220 Im/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Color Rendering	CRI80 (Option CRI90)
Voltage Range 220 ~ 240VAC 50/60Hz Current LEDs 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	MacAdam	Step 3
Current LEDs 700mA PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Consumption	20W or 30W
PF Power Factor >95 @ Full load Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current <0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Voltage Range	220 ~ 240VAC 50/60Hz
Flicker <1 % Flicker free (IEEE Std. 1789-2015) 10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current < 0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L90) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Current LEDs	700mA
10A Fuse Type C Max. 23 luminaires (Start Current limit) Leakage current < 0,5mA @ 240V AC Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	PF Power Factor	>95 @ Full load
Leakage current < 0,5mA @ 240V AC Efficiency 110 Im/W (LEDs 220 Im/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Flicker	<1 % Flicker free (IEEE Std. 1789-2015)
Efficiency 110 lm/W (LEDs 220 lm/W) Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	10A Fuse Type C	Max. 23 luminaires (Start Current limit)
Equal To NS60 30W = Fluorescent T5 4x14W (61W) Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Leakage current	< 0,5mA @ 240V AC
Lifetime TM-21 60K hours at Ta = 25°C (L90) B10 Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CL0 IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Efficiency	110 lm/W (LEDs 220 lm/W)
Lifetime LEDs 100K hours at Ta = 25°C (L80) B50 Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Equal To	NS60 30W = Fluorescent T5 4x14W (61W)
Lifetime driver 100K hours at Ta = 25°C (MTBF) B50 Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Lifetime TM-21	60K hours at Ta = 25°C (L90) B10
Driver Options DALI, DALI V2 DT8, 1-10V, Sensor, CLO IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Lifetime LEDs	100K hours at Ta = 25°C (L80) B50
IP Code IP20 or IP40 IK Class IK05 Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Lifetime driver	100K hours at Ta = 25°C (MTBF) B50
IK Class	Driver Options	DALI, DALI V2 DT8, 1-10V, Sensor, CLO
Class 2, Double Insulated Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	IP Code	IP20 or IP40
Working temp -20 to 45 degree Celsius Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	IK Class	IK05
Size L595 x W595 x H10 mm Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Class	2, Double Insulated
Custom sizes Yes and brackets for invisible frame ceiling Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Working temp	-20 to 45 degree Celsius
Installation Recessed or with frame for surface mounted Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Size	L595 x W595 x H10 mm
Linkable cables 5 pol terminal box or Winsta Wago plug Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Custom sizes	Yes and brackets for invisible frame ceiling
Material used Aluminum, PMMA or PC for frontglass Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Installation	Recessed or with frame for surface mounted
Weight 2,5 Kg Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Linkable cables	5 pol terminal box or Winsta Wago plug
Shipping Package of 4 pcs IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Material used	Aluminum, PMMA or PC for frontglass
IES File Yes Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Weight	2,5 Kg
Certificates CE, ROHS, TM21, LM80, IES Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	Shipping	Package of 4 pcs
Other ENEC, only for driver unit Warranty 5 years* Housing White or optional	IES File	Yes
Warranty 5 years* Housing White or optional	Certificates	CE, ROHS, TM21, LM80, IES
Housing White or optional	Other	ENEC, only for driver unit
· ·	Warranty	5 years*
Included Complete lamp housing, LEDs, driver	Housing	White or optional
	Included	Complete lamp housing, LEDs, driver















